

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
Business										20200624
	BUSINESS STRATEGY and OPERATIONS									
	Operations Curriculum									
			Six Sigma Black Belt (2015 BOK): Organization-wide Planning and Deployment							
			Fundamentals of Lean and Six Sigma and their Applications	1.98	2.5					oper 36 a01 bs enus
			Six Sigma Project Selection, Roles, and Responsibilities	1.83	2.5					oper 36 a02 bs enus
			Six Sigma Strategic Planning and Deployment	2.5	3.5					oper 36 a03 bs enus
			Six Sigma Black Belt (2015 BOK): Organizational Process Management and Measures							
			Impact on Stakeholders and Benchmarking for Six Sigma	1.48	2					oper 37 a01 bs enus
			Using Business and Financial Measures in Six Sigma	2	2.5					oper 37 a02 bs enus
			Six Sigma Black Belt (2015 BOK): Team Management							
			Six Sigma Team Dynamics, Roles, and Success Factors	1.95	2.5					oper 38 a01 bs enus
			Six Sigma Team Facilitation and Leadership	2.08	2.5					oper 38 a02 bs enus
			Six Sigma Team Dynamics and Training	2.08	3.5					oper 38 a03 bs enus
			Six Sigma Black Belt (2015 BOK): Define							
			Determining Requirements by Listening to the Voice of the Customer in Six Sigma	2.02	3					oper 39 a01 bs enus
			Six Sigma Business Case, Project Charter, and Tools	2.17	2.5					oper 39 a02 bs enus
			Six Sigma Black Belt (2015 BOK): Measure							
			Process Flow Metrics and Analysis Tools for Six Sigma	1.75	2.5					oper 40 a01 bs enus
			Data Types, Sampling, Collection, and Measurement in Six Sigma	2.33	3					oper 40 a02 bs enus
			Six Sigma Measurement Systems and Metrology	2						oper 40 a03 bs enus
			Using Basic Statistics and Graphical Methods in Six Sigma	2.02	3					oper 40 a04 bs enus
			Probability and Probability Distributions in Six Sigma	2						oper 40 a05 bs enus
			Determining Process Performance and Capability in Six Sigma	1.98	2.5					oper 40 a06 bs enus
			Six Sigma Black Belt (2015 BOK): Analyze							
			Measuring and Modeling Relationships between Variables in Six Sigma	1.5	2.5					oper 41 a01 bs enus
			Basics of Hypothesis Testing and Tests for Means in Six Sigma	2	2.5					oper 41 a02 bs enus
			Tests for Variances and Proportions, ANOVA, and Goodness-of-fit in Six Sigma	2	3					oper 41 a03 bs enus
			Multivariate Tools and Nonparametric Tests in Six Sigma	1.75	2.5					oper 41 a04 bs enus
			FMEA and Other Nonstatistical Analysis Methods in Six Sigma	2						oper 41 a05 bs enus
			Six Sigma Black Belt (2015 BOK): Improve							
			Understanding DOE and Planning Experiments in Six Sigma	1.97	3					oper 42 a01 bs enus
			Designing, Conducting, and Analyzing Experiments in Six Sigma	2						oper 42 a02 bs enus
			Lean Improvement Methods and Implementation Planning in Six Sigma	1.93	2.5					oper 42 a03 bs enus
			Six Sigma Black Belt (2015 BOK): Control							
			Statistical Process Control (SPC) and Control Charts in Six Sigma	2	2.5					oper 43 a01 bs enus
			Using Lean Control Tools and Maintaining Controls in Six Sigma	2.02	3					oper 43 a02 bs enus
			Sustaining Six Sigma Improvements	2.28	3					oper 43 a03 bs enus
			Six Sigma Black Belt (2015 BOK): Design for Six Sigma (DFSS)							
			Common DFSS Methodologies, Design for X, and Robust Designs	2						oper 44 a01 bs enus
			Operations Management: Efficiency of Production							
			Operations Management Functions and Strategies	0.52	0.5	0.5				oper 45 a01 bs enus
			Strategic Product and Service Management	0.45	0.5	0.5				oper 45 a02 bs enus
			Supply Chain Management Basics: Cutting Costs and Optimizing Delivery	0.47	0.5	0.5				oper 45 a03 bs enus
			Inventory Management: Aligning Inventory with Production and Demand	0.5	0.5	0.5				oper 45 a04 bs enus
			Optimizing Operations Using Demand Forecasting and Capacity Management	0.52	0.5	0.5				oper 45 a05 bs enus
			Understanding Lean Production							
			Using Lean to Perfect Organizational Processes	0.38						oper 46 a01 bs enus
			Using Lean to Improve Flow and Pull	0.37						oper 46 a02 bs enus
			Using Lean to Reduce Waste and Streamline Value Flow	0.37						oper 46 a03 bs enus
			Applying Value Stream Mapping in Lean Business	0.43						oper 46 a04 bs enus
			Six Sigma Yellow Belt - Six Sigma Fundamentals							
			Six Sigma and Lean: Foundations and Principles	1.6	2			1.5		apr 07 a01 bs enus
			Six Sigma: Team Basics, Roles, and Responsibilities	1.15	1.5				1	apr 07 a02 bs enus
			Six Sigma: Quality Tools	0.98	1				1	apr 07 a03 bs enus
			Six Sigma: Metrics	1.05	1.5				1	apr 07 a04 bs enus
			Six Sigma Yellow Belt - Define							
			Six Sigma: Identifying Projects	1.33	1.5			1.25		apr 08 a01 bs enus
			Six Sigma: Project Management Basics	1.42	2			1.5		apr 08 a02 bs enus
			Six Sigma Yellow Belt - Measure							
			Basic Six Sigma Statistics	1.08	1.5				1	apr 09 a01 bs enus
			Classifying and Collecting Data	1.48	2			1.5		apr 09 a02 bs enus
			Six Sigma Measurement System Analysis	1.13	1.5			1.25		apr 09 a03 bs enus
			Six Sigma Yellow Belt - Analyze							
			Lean Tools and FMEA	1.23	1.5			1.25		apr 10 a01 bs enus
			Data Analysis and Root Cause Analysis in Six Sigma	1.25	1.5			1.25		apr 10 a02 bs enus
			Six Sigma Correlation, Regression, and Hypothesis Testing	1.28	1.5			1.25		apr 10 a03 bs enus
			Six Sigma Yellow Belt - Improve and Control							
			Six Sigma Techniques for Improvement	1.33	1.5			1.25		apr 11 a01 bs enus
			Six Sigma Control Tools and Documentation	1.33	1.5			1.25		apr 11 a02 bs enus
			Six Sigma Green Belt - Six Sigma and Organizational Strategy							
			Organizational Goals and Six Sigma	1.68	2					apr 01 a01 bs enus
			Lean Principles in Six Sigma Projects	1.88	2.5					apr 01 a02 bs enus
			FMEA and Design for Six Sigma	1.48	2					apr 01 a03 bs enus
			Six Sigma Green Belt - Define							
			Identifying Six Sigma Projects	1.32	1.5					apr 02 a01 bs enus

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			Six Sigma Voice of the Customer	1.58	2					apr 02 a02 bs enus
			Six Sigma Project Management Essentials	1.45	2					apr 02 a03 bs enus
			Management and Planning Tools for Six Sigma	1.28	2					apr 02 a04 bs enus
			Six Sigma Performance Metrics	0.92	1					apr 02 a05 bs enus
			Team Dynamics and Performance for Six Sigma Projects	1.07	1.5					apr 02 a06 bs enus
		Six Sigma Green Belt - Measure								
			Six Sigma Process Documentation and Analysis	0.7	1					apr 03 a01 bs enus
			Six Sigma Probability and Statistical Distributions	1.38	2					apr 03 a02 bs enus
			Six Sigma Data Classification, Sampling, and Collection	1.15	1.5					apr 03 a03 bs enus
			Six Sigma Statistics and Graphical Presentation	1.03	1.5					apr 03 a04 bs enus
			Six Sigma Measurement Systems Analysis	1.12	1.5					apr 03 a05 bs enus
			Six Sigma Process and Performance Capability Measurement	1.07	1.5					apr 03 a06 bs enus
		Six Sigma Green Belt - Analyze								
			Six Sigma Exploratory Data Analysis	0.9	1					apr 04 a01 bs enus
			Six Sigma Hypothesis Testing Fundamentals	1.23	1.5					apr 04 a02 bs enus
			Six Sigma Hypothesis Tests for Variances and Proportions	0.98	1.5					apr 04 a03 bs enus
		Six Sigma Green Belt - Improve								
			Six Sigma Design of Experiments	1.07	1.5					apr 05 a01 bs enus
			Six Sigma Root Cause Analysis and Waste Elimination	1.25	1.5					apr 05 a02 bs enus
			Six Sigma Cycle-time Reduction and Kaizen Blitz	0.83	1					apr 05 a03 bs enus
		Six Sigma Green Belt - Control								
			Six Sigma Statistical Process Control Basics	1.32	2					apr 06 a01 bs enus
			Six Sigma Control Charts	1.62	2					apr 06 a02 bs enus
			Six Sigma Process Control Tools	0.92	1					apr 06 a03 bs enus
		Business Process Improvement								
			Enabling Business Process Improvement	0.32	0.5	0.25				bs aop48 a01 enus
		Vendor Management								
			Vendor Management for Technology Professionals	0.37	0.5					bs aop49 a01 enus
	Strategic Planning Curriculum									
		Fundamentals of Business Planning								
			Preparing and Implementing a Business Plan	0.5	0.5	0.5				ast 02 a01 bs enus
		Thinking Strategically and Managing Risk					2.5		2.5	
			Thinking Strategically as a Manager	0.47	0.5	0.5				ast 01 a01 bs enus
			Using Strategic Thinking to Consider the Big Picture	0.52	0.5	0.5				ast 01 a02 bs enus
			Identifying Risks in Your Organization	0.48	0.5	0.5				ast 01 a03 bs enus
			Assessing Your Organization's Risks	0.48	0.5	0.5				ast 01 a04 bs enus
			Responding Effectively to Risks	0.45	0.5	0.5				ast 01 a05 bs enus
		Strategic Risk-taking								
			Knowing When to Take Strategic Risks	0.38	0.5	0.5				bs arm01 a01 enus
		The Quality Management of Data								
			Finding the Quality in Your Data	0.4		0.5				bs apd25 a01 enus
		Big Data Basics								
			Big Data Fundamentals	0.37		0.25				aba 01 a01 bs enus
			Big Data Interpretation	0.43		0.5				aba 01 a02 bs enus
		Business Sustainability								
			The Effects of Environmental Change on Business	0.5	0.5					bs ast05 a01 enus
	Marketing Curriculum									
		Essential Marketing Strategies					2		2	
			The Basics of Marketing	0.5	0.5					mkt 05 a01 bs enus
			The People and Planning in Marketing	0.52	0.5					mkt 05 a02 bs enus
			Product, Pricing, and Promotion in the Marketing Mix	0.5	0.5					mkt 05 a03 bs enus
			Distribution and E-Marketing Ethics in the Marketing Mix	0.5	0.5					mkt 05 a04 bs enus
			Competitive Marketing Strategies: Analyzing Your Organization	0.37						mkt 05 a05 bs enus
		Essentials of Public Relations								
			Strategies for the Modern Public Relations Professional	0.35						amk 01 a01 bs enus
			Writing Skills for Public Relations	0.35						amk 01 a02 bs enus
		Marketing in the Digital Age								
			Reaching Customers Digitally	0.45	0.5					amk 02 a01 bs enus
			Helping Customers Find You	0.4	0.5					amk 02 a02 bs enus
			Managing Your Corporate Reputation Online	0.47	0.5					amk 02 a03 bs enus
	Business Continuity									
		Business Continuity Planning								
			Forging Ahead with Perseverance and Resilience	0.5		0.5				pe 03 a01 bs enus
			Responding Effectively to Risks	0.45	0.5	0.5				ast 01 a05 bs enus
			Assessing Your Organization's Risks	0.48	0.5	0.5				ast 01 a04 bs enus
			Establishing Effective Virtual Teams	0.5	0.5	0.5				ald 06 a01 bs enus
			Facing Virtual Team Challenges	0.45	0.5	0.25				ald 06 a02 bs enus
			Skype for Business 2016: Getting Started	0.63						ds msskb16 01 enus
			LogMeIn GoToMeeting: Organizing & Hosting Meetings	0.7						ds aotome16 02 enus
			Google Hangouts Meet: Using Hangouts Meet on the Web	0.77						ds qoohamt 01 enus
			Join.me for Windows: Organizing, Hosting & Joining Meetings	0.65						ds joinme17 02 enus
			Managing in a Crisis	0.35	0.5	0.25				bs ald09 a01 enus
			Cisco Webex Meetings: Organizing & Hosting Meetings	1.08						ds ciwbmt18 02 enus
			Cisco Webex Teams: Using the Collaboration Tools	0.55						ds ciwbmt18 03 enus
			Becoming a Successful Collaborator	0.48	0.5	0.5				bs apd31 a01 enus
			Microsoft Teams: Communicating via the App	0.4						ds msteam20 03 enus

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		Working Remotely	Business Continuity Programs	0.08						bs_cont20_01_enus
			Take a Deep Breath and Manage Your Stress	0.37		0.5		0.4		pd_30_a03_bs_enus
			Organizations Change So Get Ready	0.5	0.5	0.5		0.5		pd_31_a01_bs_enus
			Organize Your Physical and Digital Workspace	0.45		0.5		0.4		pd_32_a01_bs_enus
			The Art of Staying Focused	0.5	0.5	0.5				apd_08_a03_bs_enus
			Navigating Challenging Situations with Diplomacy and Tact	0.5	0.5					acm_16_a02_bs_enus
			Facing Virtual Team Challenges	0.45	0.5	0.25				ald_06_a02_bs_enus
			Exploring Virtual Collaboration	0.43	0.5	0.5				bs_ddt08_a01_enus
			Contributing as a Virtual Team Member	0.3	0.5					bs_atm04_a01_enus
		Workplace Safety and Compliance								
			Safety Short: Coronaviruses and COVID-19	0.43						ehs_hsf_e77_sh_enus
		Post-pandemic Workplace								
			Compliance Brief: Resuming Retail or Restaurant Operations Post-pandemic	0.32						ehs_hsf_e78_sh_enus
			Leading in the Post-pandemic Workplace	0.48						bs_ppd01_a01_enus
			Navigating the Post-pandemic Workplace	0.13						bs_ppd01_a02_enus
FINANCE, HUMAN RESOURCES and ADMINISTRATION										
	Finance and Accounting Curriculum									
		Accounting for Non-Financial Professionals					2		2	
			Basic Accounting Concepts for Non-financial Professionals	0.5		0.5				fin_08_a01_bs_enus
			Comprehending Financials: A Guide to Financial Statements	0.48		0.5				fin_08_a03_bs_enus
			Basic Budgeting for Non-financial Professionals	0.47		0.5				fin_08_a02_bs_enus
			Financial Statement Analysis for Non-financial Professionals	0.5		0.5				fin_08_a04_bs_enus
		Accounting Basics								
			Key Accounting Concepts and Principles	0.4						fin_09_a01_bs_enus
			Recording, Posting, and Balancing the Books	0.43						fin_09_a02_bs_enus
			Preparing Financial Statements and Closing Accounts	0.45						fin_09_a03_bs_enus
			Accounting for Stock Transactions	0.33						fin_09_a04_bs_enus
		Cost Consciousness in the Workplace								
			Focusing on the Bottom Line as an Employee	0.45	0.5	0.5				afn_01_a01_bs_enus
			Managing with a Cost-control Mindset	0.52	0.5	0.5				afn_01_a02_bs_enus
	Human Resources Curriculum									
		Recruiting, Screening, and Onboarding Effectively					1.5		1.5	
			Ensuring Onboarding Success	0.47	0.5			0.5		ahr_01_a03_bs_enus
			Hitting the Recruitment Bull's-eye	0.52	0.5			0.5		ahr_01_a01_bs_enus
			Applicant Screening: The First Step in Hiring the Best	0.47	0.5			0.5		ahr_01_a02_bs_enus
		Transformational HR and Talent Management					1.5		1.5	
			Planning for Skills Needs and Managing Performance	0.43						ahr_02_a01_bs_enus
			Building Career Development Programs and Succession Planning	0.37						ahr_02_a02_bs_enus
			Implementing Transformational HR	0.33						ahr_02_a03_bs_enus
			Individual Behavior in Organizations	0.37						ahr_02_a04_bs_enus
		Effective Hiring Practices								
			Conducting an Effective Hiring Interview	0.25	0.5	0.25				bs_ald11_a01_enus
		Crisis Management								
			Managing in a Crisis	0.35	0.5	0.25				bs_ald09_a01_enus
		Professional in Human Resources Exam Prep								
			Professional in Human Resources: Introduction to PHR® Exam	0.65	0.5					bs_hr23_01_enus
			Professional in Human Resources: Business Environment	0.63	1					bs_hr23_03_enus
			Professional in Human Resources: Business Planning	0.6	0.5					bs_hr23_04_enus
			Professional in Human Resources: HR Organization	1.02	1.5					bs_hr23_05_enus
			Professional in Human Resources: HR Tools and Processes	1.18	1.5					bs_hr23_06_enus
			Professional in Human Resources: Talent Planning	0.57	1					bs_hr23_07_enus
			Professional in Human Resources: Talent Sourcing	0.8	1					bs_hr23_08_enus
			Professional in Human Resources: Recruiting	1.78	2.5					bs_hr23_09_enus
			Professional in Human Resources: PHR® Exam Summary	0.38	0.5					bs_hr23_20_enus
	Administrative Support Curriculum									
		Administrative Support: Secrets to Success								
			Administrative Support: Developing Your Essential Skills	0.43						aad_01_a01_bs_enus
			Administrative Support: Working in Partnership with Your Boss	0.3						aad_01_a02_bs_enus
			Administrative Support: Interacting Effectively with Colleagues	0.32						aad_01_a03_bs_enus
			Administrative Support: Projecting a Positive Professional Image	0.32						aad_01_a04_bs_enus
MANAGEMENT and LEADERSHIP										
	Management Curriculum									
		First Time Manager Essentials								
			The Reality of Being a First-time Manager	0.43		0.25		0.4		amq_01_a01_bs_enus
			Facing Challenges as a First-time Manager	0.32		0.5		0.3		amq_01_a02_bs_enus
		Managing Employee Performance					1.5		1.5	
			Keeping Top Performers Challenged	0.32		0.25		0.3		amq_03_a01_bs_enus
			Planning an Effective Performance Appraisal	0.33		0.25		0.3		amq_03_a02_bs_enus
			Creating a Plan for Performance Management	0.38		0.5		0.4		amq_03_a03_bs_enus
			Detecting and Dealing with Performance Problems	0.43		0.5		0.4		amq_03_a04_bs_enus
		Advanced Management Techniques					2		2	
			Gauging Your Organization's High-performing Potential	0.38		0.5		0.4		amq_04_a01_bs_enus
			Managing for Cross-functionality	0.37		0.5		0.4		amq_04_a02_bs_enus
			Managing Your Company's Talent	0.43		0.5		0.4		amq_04_a03_bs_enus
			Managing the Unique Needs of Experts	0.32		0.25		0.3		amq_04_a04_bs_enus

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			Fostering Mentoring Relationships	0.37		0.5		0.4		amq_04_a05_bs_enus
		Leveraging Key Management Techniques					2		2	
			Effectively Directing and Delegating as a Manager	0.5	0.5	0.5		0.5		amq_02_a01_bs_enus
			Managing Employee Development	0.52	0.5	0.5		0.5		amq_02_a02_bs_enus
			Facing the Management Challenges of Difficult Behavior and Diverse Teams	0.52	0.5	0.5		0.5		amq_02_a03_bs_enus
			Being a Fair and Caring Manager	0.48	0.5	0.5		0.5		amq_02_a04_bs_enus
		Managing a Multigenerational Workforce					1		1	
			Maintaining a Cohesive Multigenerational Workforce	0.42		0.5		0.4		amq_05_a01_bs_enus
			Managing Multigenerational Employees	0.37		0.5		0.4		amq_05_a02_bs_enus
		Managing in Difficult Times					1.5		1.5	
			Being an Effective Manager When Times Are Tough	0.37		0.5		0.4		amq_06_a01_bs_enus
			Managing Motivation during Organizational Change	0.37		0.5		0.4		amq_06_a02_bs_enus
			How to Manage Difficult Conversations	0.48	0.5	0.5		0.5		amq_06_a03_bs_enus
		Achieving Success through Delegation								
			Choosing and Preparing Your Delegate	0.48	0.5	0.5				amq_08_a01_bs_enus
			Getting What You Expect from Your Delegate	0.42	0.5	0.5				amq_08_a02_bs_enus
			Taking Your Team to the Next Level with Delegation	0.35	0.5	0.25				amq_08_a03_bs_enus
		Final Exams								
			Management & Leadership Essentials	2						ast_02_a01_fe_enus
		Empowering Employees								
			Taking Action to Empower Employees	0.28	0.5	0.25				bs_ald12_a01_enus
		Managing Technical Teams								
			Strategies for Managing Technical Teams	0.32	0.5	0.25				bs_ald08_a01_enus
		Coaching to Drive Success								
			Coaching Techniques That Inspire Coachees to Action	0.42	0.5	0.5				bs_amq09_a01_enus
			Keeping Your Coachee Committed and Accountable	0.35	0.5	0.25				bs_amq09_a02_enus
		Leadership Curriculum								
		Leveraging Leadership Techniques					2.5		2.5	
			Key Elements of Business Execution	0.5	0.5	0.5		0.5		ald_02_a01_bs_enus
			Building Innovation Cultures and Leaders	0.5	0.5	0.5		0.5		ald_02_a02_bs_enus
			Leading Your Team through Change	0.5	0.5	0.5		0.5		ald_02_a03_bs_enus
			Building a Leadership Development Plan	0.5	0.5	0.5		0.5		ald_02_a04_bs_enus
			Aligning Unit Goals and Imperatives	0.37		0.5		0.4		ald_02_a05_bs_enus
		Creating a Positive Atmosphere							1	
			Positive Atmosphere: Establishing an Engaged Workforce	0.38	0.5	0.5		0.4		ald_03_a01_bs_enus
			Positive Atmosphere: Establishing a Positive Work Environment	0.43	0.5	0.5		0.4		ald_03_a02_bs_enus
			Positive Atmosphere: How Organizational Learning Drives Positive Change	0.42	0.5	0.5		0.4		ald_03_a03_bs_enus
		Leading Virtual Teams								
			Establishing Effective Virtual Teams	0.5	0.5	0.5				ald_06_a01_bs_enus
			Facing Virtual Team Challenges	0.45	0.5	0.25				ald_06_a02_bs_enus
		Business Acumen Essentials								
			Developing Your Business Acumen	0.35	0.5	0.25				bs_apd20_a01_enus
		Organizational Awareness								
			Gaining Insight through Organizational Awareness	0.33	0.5	0.25				bs_apd21_a01_enus
		Performance Measurement								
			Measuring Outcomes and Using KPIs	0.32	0.5	0.25				bs_ald10_a01_enus
		Inspiring and Developing as a Leader								
			Leading through Inspiration	0.37	0.5	0.25				bs_ald13_a01_enus
			Gauging Your Leadership Performance	0.42	0.5	0.5				bs_ald13_a02_enus
		Generating Creative Ideas								
			Developing a Team of Creative Gurus	0.45	0.5	0.5				bs_ald15_a01_enus
		Improving Your Leadership Skills								
			Leading by Motivating	0.32	0.5	0.25				bs_ald14_a01_enus
			Sharing a Vision	0.28	0.5	0.25				bs_ald14_a02_enus
			Influencing through Positive Leadership	0.43	0.5	0.5				bs_ald14_a03_enus
			Developing Emotional Intelligence	0.4	0.5					bs_ald14_a04_enus
		Women in Leadership								
			Women in Leadership: Moving Beyond Gender Roles as a Leader	0.4	0.5					bs_ald20_a01_enus
			Women in Leadership: Mastering Key Leadership Competencies	0.47	0.5					bs_ald20_a02_enus
			Women in Leadership: Building Your Infrastructure for Leadership	0.57	0.5					bs_ald20_a03_enus
		Product Management								
		Developing Your Product Management Acumen								
			Product Management: Building a Product Strategy	0.75	1	0.75				bs_apm01_a02_enus
			Product Management: Metrics for Product Managers	0.52	0.5	0.5				bs_apm01_a03_enus
			Product Management: An Overview	0.52	0.5	0.5				bs_apm01_a01_enus
			Product Management: Competitive and Market Analytics for Product Managers	0.62	0.5	0.5				bs_apm01_a05_enus
			Product Management: Building a Product Roadmap and Agile Product Management	0.73	1	0.75				bs_apm01_a04_enus
			Product Management: Create a Go-to-Market Plan	0.77	1	0.75				bs_apm01_a06_enus
			Product Management: Communication for Product Managers	0.68	1	0.75				bs_apm01_a08_enus
			Product Management: Market Research Basics	0.72	1	0.75				bs_apm01_a10_enus
			Product Management: Customer Development for Product Managers	0.87	1	0.75				bs_apm01_a09_enus
			Product Management: Design and Run Experiments for Product Managers	0.7	1	0.75				bs_apm01_a07_enus
PROFESSIONAL EFFECTIVENESS										
		Communication Curriculum								
		Communicating Internationally								
			Being a Responsible Corporate Digital Citizen	0.38	0.5	0.5				bs_apd24_a01_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Getting Results through Personal Power				1.5		1.5	
			Personal Power and Credibility	0.4	0.5	0.5		0.4		comm 42 a01 bs enus
			Building Personal Power through Influence	0.5	0.5	0.5		0.5		comm 42 a02 bs enus
			Influence Others with Political Savvy	0.37	0.5	0.5		0.4		comm 42 a03 bs enus
			Working with Difficult People				1.5		1.5	
			Difficult People: Why They Act That Way and How to Deal with Them	0.52	0.5	0.5		0.5		comm 46 a01 bs enus
			Difficult People: Can't Change Them, so Change Yourself	0.52	0.5	0.5		0.5		comm 46 a02 bs enus
			Difficult People: Strategies to Keep Everyone Working Together	0.52	0.5	0.5		0.5		comm 46 a03 bs enus
			Managing and Controlling Anger							
			The Essentials for Anger Management	0.43		0.5		0.4		comm 47 a01 bs enus
			Cross-Cultural Communication							
			How Culture Impacts Communication	0.5	0.5	0.5		0.5		comm 48 a01 bs enus
			Using Communication Strategies to Bridge Cultural Divides	0.5	0.5	0.25		0.5		comm 48 a02 bs enus
			Communicating with Senior Executives							
			Capturing the Attention of Senior Executives	0.52	0.5	0.5		0.5		comm 49 a01 bs enus
			Effective Business Meetings							
			Planning Meetings Fit for Purpose	0.33		0.5		0.3		comm 50 a01 bs enus
			Running Meetings in Better Directions	0.33	0.5	0.5		0.3		comm 50 a02 bs enus
			Effective Business Writing							
			Audience and Purpose in Business Writing	0.48	0.5	0.5		0.5		comm 51 a01 bs enus
			Clarity and Conciseness in Business Writing	0.52	0.5	0.25		0.5		comm 51 a02 bs enus
			Editing and Proofreading Business Documents	0.5	0.5	0.25		0.5		comm 51 a03 bs enus
			Writing a Business Case							
			Developing an Effective Business Case	0.5	0.5	0.5				acm 01 a01 bs enus
			Using E-mail Effectively in the Workplace							
			Writing Effective E-mails and Instant Messages	0.47	0.5					acm 02 a01 bs enus
			Sending E-mails to the Right People	0.48	0.5					acm 02 a02 bs enus
			Organizing Your E-mail	0.47	0.5					acm 02 a03 bs enus
			Essential Skills for Professional Telephone Calls							
			Keeping Business Calls Professional	0.38						acm 03 a01 bs enus
			Practical Grammar for Business Writing							
			Using the Parts of Speech	0.52	0.5					acm 04 a01 bs enus
			Getting the Details Right: Spelling Basics	0.48	0.5					acm 04 a02 bs enus
			Abbreviating, Capitalizing, and Using Numbers	0.55	0.5					acm 04 a03 bs enus
			Using Punctuation Marks	0.5	0.5					acm 04 a04 bs enus
			Creating Well-constructed Sentences	0.6	0.5					acm 04 a05 bs enus
			Troublesome Words and Phrases: Common Usage Mistakes in Writing	0.48	0.5					acm 04 a06 bs enus
			Making the Most of Your Presentations							
			Planning an Effective Presentation	0.48	0.5	0.5				acm 05 a01 bs enus
			Building Your Presentation	0.5	0.5	0.5				acm 05 a02 bs enus
			Ensuring Successful Presentation Delivery	0.52	0.5	0.5				acm 05 a03 bs enus
			Skills for Communication Success							
			The Art and Science of Communication	0.35	0.5	0.25				acm 07 a01 bs enus
			Making an Impact with Non-verbal Communication	0.38	0.5	0.5				acm 07 a02 bs enus
			Trust Building through Effective Communication	0.42	0.5	0.5				acm 07 a03 bs enus
			Choosing the Right Interpersonal Communication Method to Make Your Point	0.5	0.5	0.5				acm 07 a04 bs enus
			Become a Great Listener	0.4	0.5	0.5				acm 07 a05 bs enus
			Do We Have a Failure to Communicate?	0.43	0.5	0.5				acm 07 a06 bs enus
			Developing Your Listening Skills							
			Listening Even When it's Difficult to Listen	0.53	0.5	0.5				acm 14 a01 bs enus
			Using Active Listening in Workplace Situations	0.57	0.5	0.5				acm 14 a02 bs enus
			Developing Effective Negotiation Skills							
			The First Steps in Negotiating	0.4	0.5	0.5				acm 12 a01 bs enus
			Negotiating the Best Solution	0.48	0.5	0.5				acm 12 a02 bs enus
			Achieving Emotional Intelligence							
			Navigating Your Own Emotions	0.48	0.5	0.5				acm 13 a01 bs enus
			Navigating Other People's Emotions	0.42	0.5	0.5				acm 13 a02 bs enus
			Navigating the Workplace with Emotional Intelligence	0.43	0.5	0.5				acm 13 a03 bs enus
			The Art of Feedback							
			Polishing Your Feedback Skills	0.57	0.5	0.5				acm 15 a01 bs enus
			Gaining a Positive Perspective on Feedback	0.5	0.5	0.5				acm 15 a02 bs enus
			Communicating Tactfully and Diplomatically							
			Acting with Diplomacy and Tact	0.6	0.5					acm 16 a01 bs enus
			Navigating Challenging Situations with Diplomacy and Tact	0.5	0.5					acm 16 a02 bs enus
			Writing Skills for Technical Professionals							
			Improving Your Technical Writing Skills	0.37		0.5				acm 06 a01 it enus
			Effective Communication							
			Communicating with Confidence	0.33	0.5	0.25				bs acm18 a01 enus
			Note-taking Skills							
			Taking Effective and Professional Notes	0.33	0.5	0.25				bs acm19 a01 enus
			Technical Communication Skills							
			Proven Techniques for Technical Communication	0.35	0.5	0.25				bs acm22 a01 enus
			Managing Conflict in the Workplace							
			Confronting Workplace Conflict	0.42	0.5	0.5				bs acm20 a01 enus
			Resolving Workplace Conflict	0.42	0.5	0.5				bs acm20 a02 enus
			Communicating to Stakeholders							
			Effective Stakeholder Communications for IT Professionals	0.68	1	0.75				bs acm23 a01 enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
		Business Storytelling								
			Telling a Business Story	0.48	0.5	0.5				bs_acm21_a01_enus
	Personal Development Curriculum									
		Perseverance at Work								
			Forging Ahead with Perseverance and Resilience	0.5		0.5				pe_03_a01_bs_enus
			Reaching Goals Using Perseverance and Resilience	0.45	0.5	0.5				pe_03_a02_bs_enus
		Building, Rebuilding and Sustaining Trust								
			The Building Blocks of Building Trust	0.48		0.5				pe_04_a01_bs_enus
		Improving Your Work/Life Balance								
			Taking Stock of Your Work/Life Balance	0.37		0.5		0.4		pd_30_a01_bs_enus
			Staying Balanced in a Shifting World	0.25		0.25		0.2		pd_30_a02_bs_enus
			Take a Deep Breath and Manage Your Stress	0.37		0.5		0.4		pd_30_a03_bs_enus
		Navigating through Organizational Change					1		1	
			Organizations Change So Get Ready	0.5	0.5	0.5		0.5		pd_31_a01_bs_enus
			Redefining Yourself after Organizational Change	0.48	0.5	0.5		0.5		pd_31_a02_bs_enus
		Improving Your Personal Productivity								
			Organize Your Physical and Digital Workspace	0.45		0.5		0.4		pd_32_a01_bs_enus
			Avoid Procrastination by Getting Organized Instead	0.37		0.5		0.3		pd_32_a02_bs_enus
			Maximize Your Productivity by Managing Time and Tasks	0.35		0.25		0.3		pd_32_a03_bs_enus
			Achieve Productivity in Your Personal Life	0.32		0.25		0.3		pd_32_a04_bs_enus
		Polishing Your Professional Edge								
			Becoming an Accountable Professional	0.5	0.5	0.5		0.5		pe_05_a01_bs_enus
			Becoming Your Own Best Boss	0.48	0.5	0.5		0.5		pe_05_a02_bs_enus
			Becoming More Professional through Business Etiquette	0.28		0.25		0.3		pe_05_a03_bs_enus
			Developing a Personal Accountability Framework	0.4		0.5		0.4		pe_05_a04_bs_enus
		360 Degree Relationships								
			Cultivating Relationships with Your Peers	0.35		0.25		0.3		apd_04_a01_bs_enus
			Building Your Professional Network	0.38	0.5	0.5		0.4		apd_04_a02_bs_enus
			Building Rapport with Your Boss	0.5	0.5	0.5		0.5		apd_04_a03_bs_enus
		Diversity on the Job					1		1	
			Bridging the Diversity Gap	0.45	0.5	0.5		0.4		apd_01_a01_bs_enus
			Your Role in Workplace Diversity	0.5	0.5	0.5		0.4		apd_01_a02_bs_enus
		Performing Under Pressure								
			Managing Pressure and Stress to Optimize Your Performance	0.43		0.5		0.4		apd_07_a01_bs_enus
		Managing Your Career								
			Developing a Plan to Further Your Career	0.47	0.5					apd_03_a01_bs_enus
			Getting Your Career on the Right Track	0.48	0.5					apd_03_a02_bs_enus
			Using Performance Appraisals to Advance Your Career	0.5	0.5					apd_03_a03_bs_enus
		Business Ethics Essentials								
			Developing Your Business Ethics	0.43		0.5		0.4		apd_05_a01_bs_enus
		Public Speaking Strategies					1		1	
			Writing and Preparing an Effective Speech	0.38						apd_06_a01_bs_enus
			Conquering the Challenges of Public Speaking	0.43						apd_06_a02_bs_enus
		Creativity in the Workplace					1		1	
			Unleashing Personal and Team Creativity	0.5				0.5		apd_02_a01_bs_enus
			Verifying and Building on Creative Ideas	0.38						apd_02_a02_bs_enus
		Time Management								
			Aligning Goals and Priorities to Manage Time	0.42	0.5	0.5		0.4		apd_08_a01_bs_enus
			Make the Time You Need: Get Organized	0.47	0.5	0.5		0.5		apd_08_a02_bs_enus
			The Art of Staying Focused	0.5	0.5	0.5				apd_08_a03_bs_enus
		Discovering Your Strengths								
			Uncovering and Utilizing Your Talents and Skills	0.32		0.5				apd_10_a01_bs_enus
			Self-improvement for Lifelong Success	0.4		0.5				apd_10_a02_bs_enus
			Establishing Self-confidence for Life	0.38		0.5				apd_10_a03_bs_enus
		Overcoming Procrastination								
			Procrastination: Admitting it is the First Step	0.33		0.25				apd_11_a01_bs_enus
			Beating Procrastination by Boosting Your Creativity and Drive	0.32		0.25				apd_11_a02_bs_enus
		Improving Your Memory								
			Improving Your Memory Skills	0.35		0.25				apd_12_a01_bs_enus
		Improving Your Reading Speed								
			Improving Your Reading Speed and Comprehension	0.33						apd_13_a01_bs_enus
		Unconscious Bias								
			Understanding Unconscious Bias	0.42	0.5	0.5				apd_14_a01_bs_enus
			Overcoming Your Own Unconscious Biases	0.37	0.5	0.5				apd_14_a02_bs_enus
			Overcoming Unconscious Bias in the Workplace	0.42	0.5					apd_14_a03_bs_enus
		Facing Problems and Making Decisions								
			Getting to the Root of a Problem	0.45	0.5	0.5				apd_15_a01_bs_enus
			Defining Alternative Solutions to a Problem	0.4	0.5	0.5				apd_15_a02_bs_enus
			Choosing and Using the Best Solution	0.42	0.5	0.5				apd_15_a03_bs_enus
		Developing Your Critical Thinking Skills								
			Confronting Your Assumptions	0.4	0.5					apd_17_a01_bs_enus
			Investigating Arguments	0.45	0.5					apd_17_a02_bs_enus
			Reaching Sound Conclusions	0.35	0.5					apd_17_a03_bs_enus
		Creating Lasting Organizational Change								
			Facilitating Sustainable Change	0.45	0.5					apd_18_a01_bs_enus
			Moving Forward with Change Planning	0.4	0.5					apd_18_a02_bs_enus
			Making Change Stick	0.42	0.5					apd_18_a03_bs_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
		Growth Mindset	Developing a Growth Mind-set	0.27	0.5	0.25				bs_ast03_a01_enus
		Mentor Relationships	Finding and Nurturing a Mentor Relationship	0.32	0.5	0.25				bs_apd22_a01_enus
		Dealing with Setbacks	Learning from Failure	0.32	0.5	0.25				bs_apd19_a01_enus
		Digital Economy Skills	Keeping Your Skillset Current in the Digital Economy	0.3	0.5					bs_apd23_a01_enus
		Difficult Boss Relationships	A Difficult Boss Doesn't Have to Be a Difficult Problem	0.32	0.5					bs_apd26_a01_enus
		Staying Motivated at Work	Taking the Lead with Workplace Motivation and Engagement	0.33	0.5					bs_apd27_a01_enus
		Understanding Cognitive Bias	Outwitting Your Cognitive Bias	0.35	0.5					bs_apd28_a01_enus
		Building Likeability Skills	Be Liked and Respected in the Workplace	0.4	0.5					bs_apd29_a01_enus
		Adopting Systems Thinking	Solve Problems Using Systems Thinking in the Workplace	0.32	0.5	0.25				bs_apd30_a01_enus
		Skills for Effective Collaboration	Becoming a Successful Collaborator	0.48	0.5	0.5				bs_apd31_a01_enus
PROJECT EFFECTIVENESS										
	Project Management Curriculum									
		Project Management Ethics and Values	Ethics and Project Management	0.92	1	1				api_12_a01_bs_enus
			Ethical Standards and PMI® Core Values	0.97	1	1				api_12_a02_bs_enus
		PMI Agile Certified Practitioner (PMI-ACP)®	Agile Principles and Methodologies	0.9	1	1				api_13_a01_it_enus
			Agile Project Planning	0.97	1	1				api_13_a02_it_enus
			Agile Project Scheduling and Monitoring	0.92	1	1				api_13_a03_it_enus
			Agile Stakeholder Engagement and Team Development	0.88	1	1				api_13_a04_it_enus
			Agile Key Exam Concepts	0.83	1	0.75				api_13_a05_it_enus
		CompTIA Project+ PK0-004	Project Selection and Initiation	0.98						ib_prop_a01_it_enus
			Scope, Schedule and Cost Planning	0.9						ib_prop_a02_it_enus
			Resource and Risk Planning	1.05						ib_prop_a03_it_enus
			Communication, Changes, and Documentation	0.98						ib_prop_a04_it_enus
			Controlling Project Work and Closing	0.97						ib_prop_a05_it_enus
			Planning and Controlling the Project Schedule	0.92						ib_prop_a06_it_enus
			Project Management Practical Exercises	1.08						ib_prop_a07_it_enus
			Quality and Procurement Planning	0.9						ib_prop_a08_it_enus
			Project Planning Documents	0.73						ib_prop_a09_it_enus
			Project Documents and Terminology	0.58						ib_prop_a10_it_enus
		Project Management for All	New Project Manager Essentials	0.35	0.5	0.5	2.5		2.5	bs_api15_a07_enus
			Defining a Project Scope and Team	0.38	0.5	0.5				bs_api15_a08_enus
			Creating a Project Schedule and Budget	0.4	0.5	0.5				bs_api15_a09_enus
			Managing a Project to Minimize Risk and Maximize Quality	0.48	0.5	0.5				api_15_a04_bs_enus
			Navigating through Changes and Conflicts in Projects	0.47	0.5	0.5				api_15_a05_bs_enus
			Taking Final Steps to Bring a Project to its Close	0.45	0.5	0.5				api_15_a06_bs_enus
		Project Integration (PMBOK® Guide Sixth Edition)	Project Initiation and Planning (PMBOK® Guide Sixth Edition)	1.2	1.5	1.25				api_17_a01_bs_enus
			Managing Project Work (PMBOK® Guide Sixth Edition)	1.33	1.5	1.25				api_17_a02_bs_enus
			Project Changes and Closing (PMBOK® Guide Sixth Edition)	1.07	1	1				api_17_a03_bs_enus
			Capturing, Analyzing, and Using Project Lessons Learned	1.13		1				api_17_a04_bs_enus
			Strategically Focused Project Management	1.2		1.25				api_17_a05_bs_enus
		Project Scope (PMBOK® Guide Sixth Edition)	Plan and Define Project Scope (PMBOK® Guide Sixth Edition)	1.2		1.25				api_18_a01_bs_enus
			Create Work Breakdown Structure (PMBOK® Guide Sixth Edition)	1.2		1.25				api_18_a02_bs_enus
			Validate and Control Scope (PMBOK® Guide Sixth Edition)	0.93		1				api_18_a03_bs_enus
		Project Schedule (PMBOK® Guide Sixth Edition)	Define and Sequence Activities (PMBOK® Guide Sixth Edition)	1.4		1.5				api_19_a01_bs_enus
			Develop the Project Schedule (PMBOK® Guide Sixth Edition)	1.82		1.75				api_19_a02_bs_enus
			Control the Project Schedule (PMBOK® Guide Sixth Edition)	0.87		1				api_19_a03_bs_enus
		Project Cost (PMBOK® Guide Sixth Edition)	Creating a Project Budget (PMBOK® Guide Sixth Edition)	1.13	1	1				api_20_a01_bs_enus
			Keeping Your Project on Budget (PMBOK® Guide Sixth Edition)	1.62	1.5	1.5				api_20_a02_bs_enus
		Project Quality (PMBOK® Guide Sixth Edition)	Planning Quality Management (PMBOK® Guide Sixth Edition)	1.13		1.25				api_21_a01_bs_enus
			Manage and Control Quality (PMBOK® Guide Sixth Edition)	1.32		1.25				api_21_a02_bs_enus
			Quality Methodologies and Standards for Project Management	1.07		1				api_21_a03_bs_enus
		Resource Management (PMBOK® Guide Sixth Edition)	Plan and Acquire Resources (PMBOK® Guide Sixth Edition)	1.5		1.5				api_22_a01_bs_enus
			Develop and Manage Resources (PMBOK® Guide Sixth Edition)	1.35		1.5				api_22_a02_bs_enus
		Communications (PMBOK® Guide Sixth Edition)	Plan and Manage Communications (PMBOK® Guide Sixth Edition)	1.12		1				api_23_a01_bs_enus
			Monitor Project Communications (PMBOK® Guide Sixth Edition)	0.8		0.75				api_23_a02_bs_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Project Risk (PMBOK® Guide Sixth Edition)							
			Planning Risk Management (PMBOK® Guide Sixth Edition)	1.12		1				api 24 a01 bs enus
			Identifying Risk (PMBOK® Guide Sixth Edition)	1.08		1				api 24 a02 bs enus
			Analyzing Risk (PMBOK® Guide Sixth Edition)	1.38		1.5				api 24 a03 bs enus
			Responding to Risk (PMBOK® Guide Sixth Edition)	1.25		1.25				api 24 a04 bs enus
			Project Procurement (PMBOK® Guide Sixth Edition)							
			Procurement Planning (PMBOK® Guide Sixth Edition)	1.17		1.25				api 25 a01 bs enus
			Procurement Management (PMBOK® Guide Sixth Edition)	0.65		0.75				api 25 a02 bs enus
			Project Stakeholders (PMBOK® Guide Sixth Edition)							
			Planning Stakeholder Engagement (PMBOK® Guide Sixth Edition)	1.02		1				api 26 a01 bs enus
			Managing Stakeholder Engagement (PMBOK® Guide Sixth Edition)	0.83		0.75				api 26 a02 bs enus
			Project Management (PMBOK® Guide Sixth Edition)							
			Project Management Introduction (PMBOK® Guide Sixth Edition)	1.05		1				api 28 a01 bs enus
			Project Fundamentals (PMBOK® Guide Sixth Edition)	0.85		1				api 28 a02 bs enus
			The Process Groups (PMBOK® Guide Sixth Edition)	1.22		1.25				api 28 a03 bs enus
			PRINCE2® - Foundation (2017 Update)							
			PRINCE2® Project Management Overview (2017 Update)	0.73						api 29 a01 bs enus
			PRINCE2® Project Planning and Risk Management (2017 Update)	0.87						api 29 a02 bs enus
			PRINCE2® Project Quality and Control (2017 Update)	0.72						api 29 a03 bs enus
			PRINCE2® Start, Direct, and Initiate Projects (2017 Update)	0.73						api 29 a04 bs enus
			PRINCE2® Control, Manage, and Close Projects (2017 Update)	0.8						api 29 a05 bs enus
			Adopting PRINCE2® for your Project Environment (2017 Update)	0.65						api 29 a06 bs enus
			Team Building Curriculum							
			Optimizing Performance on a Team				2		2	
			Being an Effective Team Member	0.5	0.5	0.5		0.5		atm 02 a01 bs enus
			Strategies for Building a Cohesive Team	0.48	0.5			0.5		atm 02 a02 bs enus
			Effective Team Communication	0.52	0.5			0.5		atm 02 a03 bs enus
			Establishing Team Goals and Responsibilities, and Using Feedback Effectively	0.5	0.5					atm 02 a04 bs enus
			Leveraging Team Leadership Skills				2.5		2.5	
			Building the Foundation for an Effective Team	0.48	0.5	0.5		0.5		atm 01 a01 bs enus
			Developing a Successful Team	0.5	0.5	0.5		0.5		atm 01 a02 bs enus
			Encouraging Team Communication and Collaboration	0.5	0.5	0.5				atm 01 a03 bs enus
			Handling Team Conflict	0.5	0.5	0.5		0.5		atm 01 a04 bs enus
			Leading a Cross-functional Team	0.53	0.5	0.5		0.5		atm 01 a05 bs enus
			Making a Pitch							
			Getting Your Pitch Heard	0.28	0.5					bs atm03 a01 enus
			Virtual Teams							
			Contributing as a Virtual Team Member	0.3	0.5					bs atm04 a01 enus
			Business Analysis							
			Key Business Analysis Concepts (BABOK® v3)							
			Business Analysis Overview	1.02	1					aba 02 a01 bs enus
			The BA Planning and Monitoring Knowledge Area	1.63	2					aba 02 a02 bs enus
			The BA Elicitation and Collaboration Knowledge Area	1.52	2					aba 02 a03 bs enus
			The Requirements Life Cycle Management Knowledge Area	1	1					aba 02 a04 bs enus
			The Strategy Analysis Knowledge Area	1.07	1					aba 02 a05 bs enus
			RADD Knowledge Area: Part 1	0.77	1					aba 02 a06 bs enus
			RADD Knowledge Area: Part 2	0.88	1					aba 02 a07 bs enus
			The Solution Evaluation Knowledge Area	1.02	1					aba 02 a08 bs enus
			Certified Business Analysis Professional	1.5						aba 02 a01 fe enus
			Effective Business Analysis Techniques (BABOK®v3)							
			Business Analysis Analytical Techniques	1.63	2					aba 03 a01 bs enus
			Business Analysis Activities and Tools	1.68	2					aba 03 a02 bs enus
			Business Analysis Documentation and Criteria	1.02	1					aba 03 a03 bs enus
			Key Business Analysis Competencies (BABOK®v3)							
			Personal Skills for Effective Business Analysis	1.03	1.5					aba 04 a01 bs enus
			Business Analysis Professional Effectiveness Competencies	0.87	1.5					aba 04 a02 bs enus
			Perspectives for Effective Business Analysis	1.83	2.5					aba 04 a03 bs enus
SALES and CUSTOMER FACING SKILLS										
			Sales Curriculum							
			Sales Foundations							
			Prospecting: Panning for Sales Gold	0.37						asl 01 a01 bs enus
			The Discovery Meeting: Starting Off on the Right Foot	0.37						asl 01 a02 bs enus
			The Value Proposition: Getting Your Pitch Right	0.37						asl 01 a03 bs enus
			Turning Objection into Opportunity during a Sales Call	0.37						asl 01 a04 bs enus
			Negotiating Well and Going for the Close	0.37						asl 01 a05 bs enus
			Customer Service Curriculum							
			ITIL® 2011 Edition Intermediate Level: Operational Support & Analysis (OSA)							
			ITIL® 2011 Edition OSA: Introduction to Operational Support and Analysis	1.5						ib iosb a01 it enus
			ITIL® 2011 Edition OSA: Introduction to Event Management	3.5						ib iosb a02 it enus
			ITIL® 2011 Edition OSA: Introduction to Incident Management	2.5						ib iosb a03 it enus
			ITIL® 2011 Edition OSA: Incident Management Interactions	3						ib iosb a04 it enus
			ITIL® 2011 Edition OSA: Introduction to Request Fulfillment	2						ib iosb a05 it enus
			ITIL® 2011 Edition OSA: Request Fulfillment Process Interfaces and Challenges	2.5						ib iosb a06 it enus
			ITIL® 2011 Edition OSA: Introduction to Problem Management	3						ib iosb a07 it enus
			ITIL® 2011 Edition OSA: Problem Management Process Interfaces and Challenges	2.5						ib iosb a08 it enus
			ITIL® 2011 Edition OSA: Introduction to Access Management	3						ib iosb a09 it enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			ITIL® 2011 Edition OSA: Introduction to the Service Desk	2						ib iosb a10 it enus
			ITIL® 2011 Edition OSA: Service Desk Metrics and Outsourcing	1.5						ib iosb a11 it enus
			ITIL® 2011 Edition OSA: Introduction to Functions	2.5						ib iosb a12 it enus
			ITIL® 2011 Edition OSA: Function Activities	1.5						ib iosb a13 it enus
			ITIL® 2011 Edition OSA: Technology and Implementation Considerations	2.5						ib iosb a14 it enus
			ITIL ® Operational Support & Analysis	3.5						ib iosb a01 fe enus
		Customer Service Skills								
			Interacting with Customers	0.5	0.5	0.5				acs 02 a01 bs enus
			Communicating Effectively with Customers	0.5	0.5	0.5				acs 02 a02 bs enus
			Controlling Conflict, Stress, and Time in a Customer Service Environment	0.53	0.5	0.5				acs 02 a03 bs enus
			Dealing with Customer Service Incidents and Complaints	0.5		0.5				acs 02 a04 bs enus
			Polishing Your Skills for Excellent Customer Service	0.4		0.5				acs 02 a05 bs enus
		Essentials of Customer Service							3	
			Rapport Building in Customer Service	0.47	0.5	0.5		0.5		acs 03 a01 bs enus
			Providing On-site Customer Service	0.48	0.5	0.5		0.5		acs 03 a02 bs enus
			Providing Telephone Customer Service	0.52	0.5	0.5		0.5		acs 03 a03 bs enus
			Providing Effective Internal Customer Service	0.5	0.5	0.5		0.5		acs 03 a04 bs enus
			Facing Confrontation in Customer Service	0.45	0.5	0.5		0.4		acs 03 a05 bs enus
			Designing a Customer Service Strategy	0.47	0.5	0.5		0.5		acs 03 a06 bs enus
		ITIL® 2011 Foundation								
			Overview of the ITIL® Service Lifecycle	0.8		0.75				acs 01 a01 it enus
			ITIL® Service Strategy Concepts	1.3		1.25				acs 01 a02 it enus
			ITIL® Service Strategy Processes	0.77		0.75				acs 01 a03 it enus
			ITIL® Service Design Concepts	0.7		0.75				acs 01 a04 it enus
			ITIL® Service Design Processes	1.23		1.25				acs 01 a05 it enus
			ITIL® Service Transition Concepts and Processes	1.22		1.25				acs 01 a06 it enus
			ITIL® Service Operation Concepts	0.55		0.5				acs 01 a07 it enus
			ITIL® Service Operation Processes	0.72		0.75				acs 01 a08 it enus
			ITIL® Continual Service Improvement	0.62		0.5				acs 01 a09 it enus
		ITIL® 4 Foundation								
			ITIL® 4 Foundation: Introduction	0.42	0.5	0.5				it acs04 01 enus
			ITIL® 4 Foundation: Key Concepts of Service Management	0.67	0.5	0.75				it acs04 02 enus
			ITIL® 4 Foundation: Key Concepts	0.52	0.5	0.5				it acs04 03 enus
			ITIL® 4 Foundation: The Service Value System	0.4	0.5	0.5				it acs04 04 enus
			ITIL® 4 Foundation: The Service Value Chain	0.43	0.5	0.5				it acs04 05 enus
			ITIL® 4 Foundation: The Guiding Principles	0.73	1	0.75				it acs04 06 enus
			ITIL® 4 Foundation: General Management Practices	0.6	0.5	0.5				it acs04 07 enus
			ITIL® 4 Foundation: Service Management Practices (Part 1)	0.75	1	0.75				it acs04 08 enus
			ITIL® 4 Foundation: Service Management Practices (Part 2)	0.93	1	1				it acs04 09 enus
		Customer Focus								
			Embracing a Customer-obsessed Mentality	0.38	0.5					bs acs05 a01 enus
		Industry Foundations								
		Industry Overviews								
			The Telecommunications Industry Overview: Version 4	1	1					indo 01 a11 bs enus
			The Health Care Industry Overview: Version 4	1	1			1		indo 01 a12 bs enus
			The Insurance Industry Overview: Version 4	1	1					indo 01 a13 bs enus
			The Oil and Gas Industry Overview: Version 4	1	1					indo 01 a15 bs enus
			The Information Technology Industry Overview: Version 4	1	1					indo 01 a19 bs enus
			The Federal Government Industry Overview: Version 4	1	1					indo 01 a20 bs enus
			The Education Industry Overview: Version 2	1	1					indo 01 a21 bs enus
			The Chemicals Industry Overview: Version 2	1	1					indo 01 a23 bs enus
			The Broadcasting & Entertainment Industry Overview: Version 2	1	1					indo 01 a24 bs enus
			The Capital Markets Industry Overview: Version 2	1	1					indo 01 a25 bs enus
			The Consumer Electronics Industry Overview: Version 2	1	1					indo 01 a26 bs enus
			The Aerospace & Defense Industry Overview: Version 2	1	1					indo 01 a27 bs enus
			The Automotive Industry Overview: Version 4	1	1					indo 01 a29 bs enus
Information Technology										
SOFTWARE DEVELOPMENT										
	Microsoft Web Applications									
SOFTWARE DEVELOPMENT										
	Microsoft Web Applications									
		Web API Essentials								
			Web API Essentials	2.28						sd apid a01 it enus
			Web API Advanced	2.88						sd apid a02 it enus
		Microsoft Azure								
			Microsoft Azure: Introduction	2.12						cl msaz a01 it enus
			Microsoft Azure: Networks and Storage	2.63						cl msaz a02 it enus
			Microsoft Azure: Publishing and Caching	2.57						cl msaz a03 it enus
		Microsoft Azure and Web Services								
			Introduction to Web Services	1.13						wd dmaw a01 it enus
			Introduction to the Entity Framework	1.18						wd dmaw a02 it enus
			IIS and Web Services	1.32						wd dmaw a03 it enus
			Consuming Services Using the ASP.NET Pipeline and Using OData Services	1.35						wd dmaw a04 it enus
			WCF Services	1.1						wd dmaw a05 it enus
			WCF Transactions, Pipelines, and Extensibility	1.25						wd dmaw a06 it enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Security and WCF Streams	1.37						wd_dmaw_a07_it_enus
			Azure Services	1.23						wd_dmaw_a08_it_enus
			Azure Storage	1.13						wd_dmaw_a09_it_enus
			Azure Subscription Messages, Security, and Troubleshooting	1.22						wd_dmaw_a10_it_enus
			Advanced Deployment	1.42						wd_dmaw_a11_it_enus
			Azure Diagnostics, Debugging, and Access Control Service	1.15						wd_dmaw_a12_it_enus
			Azure Scalability	1						wd_dmaw_a13_it_enus
			Programming in HTML5 with JavaScript and CSS3							
			Introduction to HTML5 and CSS	1.3						wd_phic_a01_it_enus
			Styling HTML5 and JavaScript	1.2						wd_phic_a02_it_enus
			Advanced HTML5 and JavaScript	1.15						wd_phic_a03_it_enus
			HTML5 APIs and Local Data Storage	0.78						wd_phic_a04_it_enus
			More Advanced HTML5 and CSS3	0.8						wd_phic_a05_it_enus
			Adaptive AI, Graphics, and Animation	1.3						wd_phic_a06_it_enus
			Data Flow, Consuming, and Transmitting Data	0.7						wd_phic_a07_it_enus
			Communicating with WebSockets and Utilizing Asynchronous Processing	0.9						wd_phic_a08_it_enus
			Advanced Input Validation	0.57						wd_phic_a09_it_enus
			Advanced CSS	0.7						wd_phic_a10_it_enus
			WCF Essentials							
			WCF Essentials: Introduction to the Framework	0.8						it_wdwcfe_01_enus
			WCF Essentials: Distributed Applications	0.5						it_wdwcfe_02_enus
			WCF Essentials: Tools	0.73						it_wdwcfe_03_enus
			WCF Essentials: Contracts	0.82						it_wdwcfe_04_enus
			WCF Essentials: Services	0.73						it_wdwcfe_05_enus
			WCF Essentials: Hosting	0.48						it_wdwcfe_06_enus
			WCF Essentials: Building Clients	0.58						it_wdwcfe_07_enus
			WCF Essentials: Managing Transactions	0.48						it_wdwcfe_08_enus
			WCF Essentials: Queues & Reliable Sessions	0.63						it_wdwcfe_09_enus
			WCF Essentials: Interoperability and Integration	0.47						it_wdwcfe_10_enus
			Developing Microsoft Azure and Web Services							
			Developing Azure and Web Services: Introduction	1.12						it_wddmaw_01_enus
			Developing Azure and Web Services: Entity Framework	1.97						it_wddmaw_02_enus
			Developing Azure and Web Services: IIS & Web Services	1.15						it_wddmaw_03_enus
			Developing Azure and Web Services: Consuming Services	1.18						it_wddmaw_04_enus
			Developing Azure and Web Services: Azure Services	1.08						it_wddmaw_08_enus
			Developing Azure and Web Services: Azure Storage	1.28						it_wddmaw_09_enus
			Developing Azure and Web Services: Messaging, Security, and Troubleshooting	1.03						it_wddmaw_10_enus
			Developing Azure and Web Services: Advanced Deployment	1.3						it_wddmaw_11_enus
			Developing Azure and Web Services: Diagnostics, Debugging, and ACS	1.1						it_wddmaw_12_enus
			Developing Azure and Web Services: Azure Scalability	1.18						it_wddmaw_13_enus
			Developing Azure and Web Services: API Management and Monitoring	0.63						it_wddmaw_14_enus
			Developing Azure and Web Services: Deployment Strategy	0.77						it_wddmaw_15_enus
			Developing Azure and Web Services: Configuring Web Applications for Deployment	0.73						it_wddmaw_16_enus
			Developing Azure and Web Services: Working with Assemblies	0.32						it_wddmaw_17_enus
			Developing Azure and Web Services: Web API Services	1						it_wddmaw_18_enus
			Developing Azure and Web Services: Hosting Web APIs	0.85						it_wddmaw_19_enus
			Developing Azure and Web Services: Managing Data	1.03						it_wddmaw_20_enus
			Developing Azure & Web Services: WCF Transactions & Services	0.47						it_wddmaw_21_enus
			Programming in HTML5 with JavaScript and CSS3							
			HTML5 with JavaScript & CSS3: Introduction	1.6						it_wdphic_01_enus
			HTML5 with JavaScript & CSS3: Styling HTML5 & JavaScript	1.12						it_wdphic_02_enus
			HTML5 with JavaScript & CSS3: HTML5 & Javascript	1.1						it_wdphic_03_enus
			HTML5 with JavaScript & CSS3: APIs & Data Storage	0.72						it_wdphic_04_enus
			Programming in HTML5: More Advanced HTML5 & CSS3	0.85						it_wdphic_05_enus
			Programming in HTML5: Adaptive AI, Graphics, & Animation	1.32						it_wdphic_06_enus
			HTML5 with JavaScript & CSS3: Data Flow, Consuming, & Transmitting Data	0.7						it_wdphic_07_enus
			HTML5 with JavaScript & CSS3: WebSockets & Asynchronous Processing	1.1						it_wdphic_08_enus
			HTML5 with JavaScript & CSS3: Advanced Input Validation	0.5						it_wdphic_09_enus
			API Management Program							
			API Management and DevOps	1.4						it_atapiind_01_enus
			The API Lifecycle and CI/CD Best Practices							
			API CI/CD Best Practices: API Lifecycle Management	1						it_apiacicddi_01_enus
			Getting Started with API Development							
			API Development: Framework Security	0.95						it_apiapirdi_02_enus
			API Management, Monitoring and Analytics							
			API Management: Strategy & Monitoring	1.2						it_apimmanadi_01_enus
			Refactoring for API Code							
			Refactor APIs: Refactoring API Code	1.28						it_apirfacdi_01_enus
			Web Development Technologies							
			Introduction to Ajax Development							
			Ajax Basics	2.5						wt_ajax_a01_it_enus
			Ajax API Essentials	2						wt_ajax_a02_it_enus
			Ajax Applications and Server Communication	2						wt_ajax_a03_it_enus
			Ajax							
			Ajax: Requesting Data and Retrieving Responses	1.37						wt_ajax_a01_it_enus
			CQRS Theory							
			Introduction to CQRS	2.13						sd_cqrs_a01_it_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
		Web Development	Using the Yeoman Stack							
			Yeoman Stack: Application Development	0.92						it_sdwady_01_enus
			Web Development Using the Yeoman Stack: Essential Development Tools	0.8						it_sdwady_02_enus
			Yeoman Stack: Advanced Usage of Generator and Polymer	1.08						it_sdwady_03_enus
			Yeoman Stack: Working with NPM and Adopting Testing Strategies	0.93						it_sdwady_04_enus
			Yeoman Stack: Managing the Environment for Productivity	0.97						it_sdwady_05_enus
	IBM Websphere									
		IBM WebSphere Commerce v8 Programming Essentials								
			WebSphere Commerce Basics	1.93						sd_ibmw_a01_it_enus
			Installing and Configuring WebSphere Commerce	1.62						sd_ibmw_a02_it_enus
			WebSphere Commerce Application Development and Customization	1.9						sd_ibmw_a03_it_enus
			WebSphere Commerce Advanced Topics	1.7						sd_ibmw_a04_it_enus
			WebSphere Commerce Security, Performance, and Troubleshooting	1.73						sd_ibmw_a05_it_enus
	Java 2 Programming									
		Java SE7 Fundamentals								
			Java SE7 Fundamentals: Introduction to Java	1.5						il_jsef_a01_it_enus
			Java SE7 Fundamentals: Variables, Operators, and Objects	1.5						il_jsef_a02_it_enus
			Java SE7 Fundamentals: Decision Constructs, Arrays, and Loops	1.5						il_jsef_a03_it_enus
			Java SE7 Fundamentals: Overloading, Validation, and Object-Oriented Concepts	1.5						il_jsef_a04_it_enus
			Java SE7 Fundamentals: Handling Errors and Deploying Applications	1						il_jsef_a05_it_enus
		Java SE 7 New Features								
			Java SE7 New Features: Java Language and Technology Enhancements	1						il_jses_a01_it_enus
			Java SE7 New Features: I/O, Network, and Desktop Enhancements	1.5						il_jses_a02_it_enus
		Java SE7 Professional								
			Java SE7 Professional: Syntax and Class Design	2						il_jsep_a01_it_enus
			Java SE7 Professional: Generics, Errors, and I/O	2						il_jsep_a02_it_enus
			Java SE7 Professional: File I/O, Concurrency, JDBC, and Localization	2						il_jsep_a03_it_enus
		Introduction to Java EE 6								
			Introduction to Java EE 6	1.5						il_iteo_a01_it_enus
		Developing Applications Using Java Spring								
			Java Spring: Spring Application Basics	3.17						il_spng_a01_it_enus
			Java Spring: Annotation Configuration and Java Configuration in Spring	3.68						il_spng_a02_it_enus
			Java Spring: Creating Web Applications Using Spring MVC	3.42						il_spng_a03_it_enus
			Java Spring: Working with Data in Spring	3.22						il_spng_a04_it_enus
			Java Spring: Aspect-Oriented Programming Using Spring AOP	3.8						il_spng_a05_it_enus
			Java Spring: Adding Security Using the Spring Security Project	2.75						il_spng_a06_it_enus
		Java Hibernate								
			Getting Started with Java Hibernate	2						il_hbnt_a01_it_enus
			Customized Mapping and Basic Querying in Java Hibernate	2.02						il_hbnt_a02_it_enus
			Advanced Querying in Java Hibernate	1.72						il_hbnt_a03_it_enus
		Java SE 8 Fundamentals								
			Java SE 8 Fundamentals: Introduction to Java	1.92						il_isee_a01_it_enus
			Java SE 8 Fundamentals: Classes and Objects	1.68						il_isee_a02_it_enus
			Java SE 8 Fundamentals: Methods, Encapsulation, and Conditionals	1.8						il_isee_a03_it_enus
			Java SE 8 Fundamentals: Data Manipulation and Inheritance	2.17						il_isee_a04_it_enus
			Java SE 8 Fundamentals: Interfaces, Exceptions, and Deployment	1.53						il_isee_a05_it_enus
		Java SE 8 Programming								
			Java SE 8 Programming: Encapsulation, Polymorphism, and Abstraction	2						il_sepr_a01_it_enus
			Java SE 8 Programming: Interfaces, Lambda Expressions, Collections, and Generics	1.68						il_sepr_a02_it_enus
			Java SE 8 Programming: Inheritance, Interfaces, Exceptions, and Deployment	1.77						il_sepr_a03_it_enus
			Java SE 8 Programming: Date/Time API, I/O and File I/O (NIO.2), and Concurrency	2.3						il_sepr_a04_it_enus
			Java SE 8 Programming: Concurrency, Parallelism, the JDBC API, and Localization	2.13						il_sepr_a05_it_enus
		Defensive Programming in Java								
			Defensive Programming in Java: Fundamentals	3						sd_sprj_a01_it_enus
			Defensive Programming in Java: Data Handling, Injection Attacks, and Concurrency	2.75						sd_sprj_a02_it_enus
			Defensive Programming in Java: Data Security and Access Control	1.6						sd_sprj_a03_it_enus
		Working with Java SE 7								
			Programming Apps with Java SE 7	2.98						il_wjsw_a01_it_enus
		Working with Java SE 6								
			Programming Apps with Java SE 6	2.87						il_wjsw_a01_it_enus
		Using Akka								
			Akka Essentials	2.4						sd_akka_a01_it_enus
			Advanced Features of Akka	2.4						sd_akka_a02_it_enus
		Java Multi-Tenant Cloud Programming Fundamentals								
			Java Multi-Tenant Cloud Application Programming Fundamentals	2.9						sd_imtc_a01_it_enus
		Java Hibernate with Oracle 12c								
			Getting Started with Hibernate	1.8						sd_hbor_a01_it_enus
			Deep Diving with Hibernate and Queries	1.7						sd_hbor_a02_it_enus
		Develop Microservices with Java and Spring Cloud								
			Introduction to Microservices	1.37						sd_dmis_a01_it_enus
			Managing Microservices and REST Architecture	1.07						sd_dmis_a02_it_enus
			SOAP and Development of Microservices	1.13						sd_dmis_a03_it_enus
			Securing Microservices	1.08						sd_dmis_a04_it_enus
			Advanced Microservices Architecture	1.22						sd_dmis_a05_it_enus
			Advanced Microservices Patterns	1.15						sd_dmis_a06_it_enus
			UI Patterns and Troubleshooting	0.45						sd_dmis_a07_it_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Java Reactive Programming							
			Introduction to Reactive Programming	0.87						sd_jara_a01_it_enus
			Reactive Programming Methods	0.78						sd_jara_a02_it_enus
			Java SE 11 Development							
			Java SE 11: Introduction to Java SE and the NetBeans IDE	0.88						it_sdjase_01_enus
			Java SE 11: Variables and Operators	0.88						it_sdjase_02_enus
			Java SE 11: Expressions, Arrays, and Loops	0.73						it_sdjase_03_enus
			Java SE 11: Objects & Classes	0.93						it_sdjase_04_enus
			Java SE 11: Encapsulation	0.88						it_sdjase_05_enus
			Java SE 11: Strings and Primitive Data Types	0.8						it_sdjase_06_enus
			Java SE 11: JDK Objects and Nested Loops	0.73						it_sdjase_07_enus
			Java SE 11: Flow Control & Debugging	0.72						it_sdjase_08_enus
			Java SE 11: Inheritance, Polymorphism, and Abstraction	0.7						it_sdjase_09_enus
			Java SE 11: Inheritance, Lists, Inference, and Lambda Expressions	1.03						it_sdjase_10_enus
			Java SE 11: Exception Handling	0.98						it_sdjase_11_enus
			Java SE 11: Modular Design	0.72						it_sdjase_12_enus
			Java SE 11: JShell	0.68						it_sdjase_13_enus
			Getting Started with Java Programming							
			Java Programming: Conditional Evaluation	1.52						it_apqspjdi_05_enus
			Java Programming: Iterative Evaluation	1.48						it_apqspjdi_06_enus
			Java Programming: Introduction	1.2						it_apqspjdi_01_enus
			Java Programming: Working with Primitive Data Types	1.18						it_apqspjdi_02_enus
			Java Programming: Arithmetic & Logical Operations	1.1						it_apqspjdi_03_enus
			Java Programming: Working with Strings & Wrapper Objects	1.32						it_apqspjdi_04_enus
			Classes and Objects in Java							
			Java SE 13: Correctly Using Try-Catch-Finally Blocks	1.3						it_idcoidi_06_enus
			Java SE 13: Try-with-resources & Custom Exceptions	1.47						it_idcoidi_07_enus
			Java SE 13: Byte & Character Streams in Java	0.9						it_idcoidi_08_enus
			Java SE 13: Streams for Primitive Types, Objects, & Buffered IO	1.18						it_idcoidi_09_enus
			Java SE 13: Working with Files & Directories	1.02						it_idcoidi_10_enus
			Java SE 13: Understanding Classes & Objects in Java	1.05						it_idcoidi_01_enus
			Java SE 13: Constructors & Other Methods	1						it_idcoidi_02_enus
			Java SE 13: More Operations on Member Variables & Methods	1.05						it_idcoidi_03_enus
			Java SE 13: Semantics of Method Invocation & Nested Classes	1.4						it_idcoidi_04_enus
			Java SE 13: Understanding Exception Handling in java	0.92						it_idcoidi_05_enus
			Object-Oriented Programming in Java							
			Java OOP: Run-time & Compile-time Polymorphism	1.37						it_idoopjdi_04_enus
			Java OOP: Understanding Overriding & Hiding in Inheritance	1.38						it_idoopjdi_05_enus
			Java OOP: The Semantics of the final & abstract Keywords	1.02						it_idoopjdi_06_enus
			Java OOP: Access Modifiers for Regulating Access	0.93						it_idoopjdi_07_enus
			Java OOP: Interfaces & Anonymous Classes	1.17						it_idoopjdi_08_enus
			Java OOP: Understanding Inheritance & Polymorphism in Java	1.38						it_idoopjdi_01_enus
			Java OOP: The Role of Constructors in Inheritance	0.98						it_idoopjdi_02_enus
			Java OOP: Multi-level Inheritance	0.95						it_idoopjdi_03_enus
		Java EE7								
			Java EE 7 Back-end Server Application Development							
			Java EE 7 Back-end Server Application Development: Getting Started	1.57						sd_ieeb_a01_it_enus
			Java EE 7 Back-end Server Application Development: JAXB and JAX-WS Web Services	1.6						sd_ieeb_a02_it_enus
			Java EE 7 Back-end Server Application Development: Web Services	2.2						sd_ieeb_a03_it_enus
			Java EE 7 Back-end Server Application Development: Communication and Security	1.58						sd_ieeb_a04_it_enus
			Java EE 7 Back-end Server Application Development: Business Logic	1.85						sd_ieeb_a05_it_enus
			Java EE 7 Back-end Web Application Development: Transaction Support	1.38						sd_ieeb_a06_it_enus
			Java EE 7 Back-end Server Application Development: Presentation with JSF	1.72						sd_ieeb_a07_it_enus
			Java EE 7 Front End Web Application Development							
			Java EE 7 Front End Web Application Development: Getting Started	2						sd_ieef_a01_it_enus
			Java EE 7 Front End Web Application Development: Web Components	3.13						sd_ieef_a02_it_enus
			Java EE 7 Front End Web Application Development: Web Services	1.78						sd_ieef_a03_it_enus
			Java EE 7 Front End Web Application Development: Communication and Security	2.28						sd_ieef_a04_it_enus
			Java EE 7 Front End Web Application Development: Business Logic and Persistence	2.02						sd_ieef_a05_it_enus
			Java EE 7 Front End Web Application Development: Transaction Support	0.9						sd_ieef_a06_it_enus
			Java EE 7 Front End Web Application Development: Presentation with JSF	1						sd_ieef_a07_it_enus
		Java 2								
			Java SE 11 Programmer II							
			120-816 - Java SE 11 Programmer II: Object-oriented Programming in Java	1.1						it_sdjsep_03_enus
			120-816 - Java SE 11 Programmer II: Fundamental Language Enhancements	0.95						it_sdjsep_04_enus
			120-816 - Java SE 11 Programmer II: Core JVM Enhancements and Features	0.83						it_sdjsep_05_enus
			120-816 - Java SE 11 Programmer II: Core Java Libraries	0.82						it_sdjsep_06_enus
			120-816 - Java SE 11 Programmer II: Class Concepts & Managing Exceptions	1.02						it_sdjsep_07_enus
			120-816 - Java SE 11 Programmer II: Generics & Collections in Java	1.4						it_sdjsep_08_enus
			120-816 - Java SE 11 Programmer II: Functional Programming in Java	0.7						it_sdjsep_09_enus
			120-816 - Java SE 11 Programmer II: Streams & Pipelines	0.57						it_sdjsep_10_enus
			120-816 - Java SE 11 Programmer II: Lambda Operations & Streams	1.12						it_sdjsep_11_enus
			120-816 - Java SE 11 Programmer II: Implementing NIO.2	0.88						it_sdjsep_12_enus
			120-816 - Java SE 11 Programmer II: Java Migration & Service Management	1.13						it_sdjsep_13_enus
			120-816 - Java SE 11 Programmer II: Concurrency Management	0.77						it_sdjsep_14_enus
			120-816 - Java SE 11 Programmer II: Secure Coding in Java SE 11 Applications	0.95						it_sdjsep_15_enus

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			120-816 - Java SE 11 Programmer II: Database Applications	0.92						it sdjsep 16 enus
			120-816 - Java SE 11 Programmer II: Localization in Java	0.73						it sdjsep 17 enus
			120-816 - Java SE 11 Programmer II: Fundamentals	1.28						it sdjsep 01 enus
			120-816 - Java SE 11 Programmer II: Arrays & Program Flow Control	1.13						it sdjsep 02 enus
			Advanced Features in Java							
			Advanced Features in Java: Getting Started with Java Collections	1.15						it jdadjfdj 01 enus
			Advanced Features in Java: Working with Lists in Java	1.13						it jdadjfdj 02 enus
			Advanced Features in Java: List Algorithms & Implementations	0.95						it jdadjfdi 03 enus
			Advanced Features in Java: Working with Sets In Java	1.38						it jdadjfdi 04 enus
			Advanced Features in Java: Working with Maps in Java	0.82						it jdadjfdi 05 enus
			Advanced Features in Java: Using the Java Stream API with Collections	1.2						it jdadjfdi 06 enus
			Advanced Features in Java: Using Built-in Annotations	1.4						it jdadjfdi 07 enus
			Advanced Features in Java: Using Custom Annotations	1.52						it jdadjfdi 08 enus
			Advanced Features in Java: Using Generic Type Parameters	1.57						it jdadjfdi 09 enus
			Advanced Features in Java: Wildcards and Type Capture	1.5						it jdadjfdi 10 enus
			Data Structures and Algorithms in Java							
			Data Structures & Algorithms in Java: Working with Singly Linked Lists	1.62						it jddsajdi 02 enus
			Data Structures & Algorithms in Java: Doubly & Circular Linked Lists	0.7						it jddsajdi 03 enus
			Data Structures & Algorithms in Java: Working with Stacks	1.48						it jddsajdi 04 enus
			Data Structures & Algorithms in Java: Working with Queues	1.83						it jddsajdi 05 enus
			Microsoft .NET Software Development Tools							
			Microsoft .NET Framework: WPF with XAML and C#							
			WPF Fundamentals with XAML and C#	2.52						sd wpfn a01 it enus
			Architecture N-Tier/REST							
			Architecture N-Tier/REST: Designing and Building Applications	2.15						sd arcr a01 it enus
			Visual Studio Application Lifecycle Management							
			Defining Effective End-to-end SDLC Practices	1.8						wd vslm a01 it enus
			Define the ALM Process	1.9						wd vslm a02 it enus
			Define End Value for Software Iterations	1.73						wd vslm a03 it enus
			Develop Customer Quality with High Value	1.9						wd vslm a04 it enus
			Integrate Development and Operations (DevOps)	1.53						wd vslm a05 it enus
			F# Fundamentals							
			Getting Started with F#	2.95						sd fsfn a01 it enus
			Data, Workflows, and Charting in F#	2.95						sd fsfn a02 it enus
			Secure Programming for .NET							
			Securing .NET Programming	1.83						sd spdn a01 it enus
			Visual Studio Code Cross-platform Code Editor							
			Visual Studio Code Cross-platform Code Editor: Basics	2.27						sd vscp a01 it enus
			Visual Studio for New Users							
			Introducing Visual Studio	2.52						wd vsaa a01 it enus
			Visual Studio Frameworks and Tools	3.07						wd vsaa a02 it enus
			Software Development Fundamentals							
			Programming Fundamentals	2.33						sd sdfn a01 it enus
			Programming Techniques	2.27						sd sdfn a02 it enus
			Developing Windows and Web Applications	2.25						sd sdfn a03 it enus
			Object-oriented Programming Fundamentals	2.1						sd sdfn a04 it enus
			Windows Store Applications and Databases	2.23						sd sdfn a05 it enus
			Introduction to ASP.NET Core 1.0 and MVC							
			Introduction to ASP.NET Core 1.0	2.3						sd adnm a01 it enus
			Developing ASP.NET Core 1.0 and MVC Applications	2.63						sd adnm a02 it enus
			Visual Studio 2017 First Look							
			Visual Studio 2017 Installation and New Features	1.02						sd vsfl a01 it enus
			Tools and C++ Updates	1.88						sd vsfl a02 it enus
			.NET Core, C#, and Visual Studio Extensions	1.93						sd vsfl a03 it enus
			Visual Studio Mobile Center First Look							
			Visual Studio Mobile Center Introduction and New Features	0.9						sd vsmc a01 it enus
			Mobile Center SDK for Android and iOS	1						sd vsmc a02 it enus
			Mobile Center for Xamarin and React Native	0.8						sd vsmc a03 it enus
			Mobile Center Tools	0.8						sd vsmc a04 it enus
			Mobile Center Identity and Troubleshooting	0.6						sd vsmc a05 it enus
			Programming in C#							
			Programming in C#: Debugging and Security Implementation	1.52						it wdpcqs 04 enus
			Programming in C#: Memory Management and String Operations	0.93						it wdpcqs 08 enus
			Programming in C#: Implementing Data Access	0.88						it wdpcqs 09 enus
			Generic Languages							
			Working with Clojure							
			Clojure Fundamentals	1.78						sl icli a01 it enus
			Data and State Management in Clojure	2.6						sl icli a02 it enus
			Optimizing Clojure Projects	1.85						sl icli a03 it enus
			Clojure Data-Driven and Web Application Fundamentals	0.98						sl icli a04 it enus
			Introduction to R Programming							
			Introduction to R Programming	2.65						pg rprq a01 it enus
			Programming with ANSI C							
			ANSI C Language Fundamentals	2.23						sd ansi a01 it enus
			Iterations, Functions and Pointers in ANSI C	2						sd ansi a02 it enus
			Data Structures and File Management in ANSI C	2.13						sd ansi a03 it enus

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			Optimizing and Debugging ANSI C Programs	1.95						sd_ansi_a04_it_enus
		Introduction to Swift Programming								
			Swift Language Basics	3.07						sd_swift_a01_it_enus
			Using Swift Advanced Language Features	2.5						sd_swift_a02_it_enus
		Python Fundamentals								
			Python: The Basics	3.47						pg_pyth_a01_it_enus
			Python: Classes and Modules	2.92						pg_pyth_a02_it_enus
			Python: Iteration and Exceptions	3.73						pg_pyth_a03_it_enus
			Python: Web Application Development	2.5						pg_pyth_a04_it_enus
			Python: web2py and Test-driven Development	2.3						pg_pyth_a05_it_enus
			Python: Data Science Fundamentals	1.7						pg_pyth_a06_it_enus
		Introduction to Scala								
			Scala Introduction	2.5						sd_scal_a01_it_enus
			Scala Functional Programming and Collections	1.6						sd_scal_a02_it_enus
			Scala Pattern Matching, Interoperability, and Concurrency	1.65						sd_scal_a03_it_enus
			Scala Tooling	1.13						sd_scal_a04_it_enus
			Scala Expressions and Parallel Computation	1.28						sd_scal_a05_it_enus
		Asynchronous Programming with Clojure								
			Asynchronous Programming with Clojure's core.async Library	2.78						sd_apcl_a01_it_enus
		Introduction to Scalding								
			The Basics of Scalding Programming	2.08						sd_ussc_a01_it_enus
		Ruby on Rails 4.2								
			Introduction to Rails	1.87						sd_rorf_a01_it_enus
			Introduction to Models	2.03						sd_rorf_a02_it_enus
			Introduction to Views	2.3						sd_rorf_a03_it_enus
			Advanced Rails	2.53						sd_rorf_a04_it_enus
			Examining Rails APIs	2.37						sd_rorf_a05_it_enus
		Getting Started with MATLAB								
			MATLAB Fundamentals	1.9						sd_matl_a01_it_enus
		Perl Programming Essentials								
			Perl Language Essentials	2.5						sd_ppes_a01_it_enus
			Perl Programming Techniques	1.5						sd_ppes_a02_it_enus
		C++ Programming								
			Fundamentals of C++ Programming	1.48						sd_cpro_a01_it_enus
			Data Types, Modifiers, Operators, and Flow Control	1.48						sd_cpro_a02_it_enus
			Functions, References, Exceptions Strings & Namespaces	1.78						sd_cpro_a03_it_enus
			C++ Classes	1.1						sd_cpro_a04_it_enus
			Classes, Functions, and Object-oriented Programming	1.13						sd_cpro_a05_it_enus
			C++ Templates and Containers	1.38						sd_cpro_a06_it_enus
			C++ Standard Template Library Algorithms and Operations	1.42						sd_cpro_a07_it_enus
		Ruby Full Stack Development								
			Ruby Full Stack Development: Introduction	1.3						it_sddruf_01_enus
			Ruby Full Stack Development: Flow Control and Data Types	1.15						it_sddruf_02_enus
			Ruby Full Stack Development: Object-Oriented Programming with Ruby	0.92						it_sddruf_03_enus
			Ruby Full Stack Development: RegEx and I/O with Ruby	1.17						it_sddruf_04_enus
			Ruby Full Stack Development: Unit Testing and Behavior Driven Development	1.05						it_sddruf_05_enus
			Ruby Full Stack Development: Threads and Security	0.85						it_sddruf_06_enus
		Python for Data Science								
			Python for Data Science: Introduction to NumPy for Multi-dimensional Data	1						it_dspvdsdi_01_enus
			Python for Data Science: Advanced Operations with NumPy Arrays	1.13						it_dspvdsdi_02_enus
			Python for Data Science: Introduction to Pandas	1.1						it_dspvdsdi_03_enus
			Python for Data Science: Manipulating and Analyzing Data in Pandas DataFrames	0.75						it_dspvdsdi_04_enus
			Python for Data Science: Basic Data Visualization Using Seaborn	1.12						it_dspvdsdi_05_enus
			Python for Data Science: Advanced Data Visualization Using Seaborn	1.07						it_dspvdsdi_06_enus
		Working with Complex Data Types in Python								
			Complex Data Types in Python: Working with Lists & Tuples in Python	1.65						it_pvcdbpydi_01_enus
			Complex Data Types in Python: Working with Dictionaries & Sets in Python	0.9						it_pvcdbpydi_02_enus
			Complex Data Types in Python: Shallow & Deep Copies in Python	0.75						it_pvcdbpydi_03_enus
		Getting Started with Python								
			Getting Started with Python: Introduction	1.5						it_pvcdbpydi_01_enus
			Final Exam: Python Novice	1.5						di_py1_a01_fe_enus
		Working with HTTP Requests in Python								
			Python Requests: HTTP Requests with Python	1.7						it_pywhpydi_01_enus
		Data Structures and Algorithms in Python								
			Data Structures & Algorithms in Python: Fundamental Data Structures	1.33						it_pydsapdi_01_enus
			Data Structures & Algorithms in Python: Implementing Data Structures	1.5						it_pydsapdi_02_enus
			Data Structures & Algorithms in Python: Sorting Algorithms	1.27						it_pydsapdi_03_enus
			Data Structures & Algorithms in Python: Implementing Sorting Algorithms	1.18						it_pydsapdi_04_enus
			Data Structures & Algorithms in Python: Trees & Graphs	1.57						it_pydsapdi_05_enus
			Data Structures & Algorithms in Python: Implementing Trees & Graphs	1.45						it_pydsapdi_06_enus
		Python Conditional Statements and Loops								
			Conditional Statements & Loops: If-else Control Structures in Python	1.7						it_pvcslpdi_01_enus
			Conditional Statements & Loops: The Basics of for Loops in Python	1.03						it_pvcslpdi_02_enus
			Conditional Statements & Loops: Advanced Operations Using for Loops in Python	1.1						it_pvcslpdi_03_enus
			Conditional Statements & Loops: While Loops in Python	1.33						it_pvcslpdi_04_enus
		Concurrent Programming in Python								
			Python Concurrent Programming: Introduction to Concurrent Programming	1.5						it_pymcpvdi_01_enus

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			Python Concurrent Programming: Asynchronous Executions in Python	1.03						it_pymcpvdi_04_enus
			Python Concurrent Programming: Multithreading in Python	1.7						it_pymcpvdi_02_enus
			Python Concurrent Programming: Multiprocessing in Python	1.28						it_pymcpvdi_03_enus
			Python First Class Functions and Lambdas							
			Functions in Python: Introduction	2.07						it_pyfcaldi_01_enus
			Functions in Python: Gaining a Deeper Understanding of Python Functions	1.45						it_pyfcaldi_02_enus
			Functions in Python: Working with Advanced Features of Python Functions	1.45						it_pyfcaldi_03_enus
			Classes and Inheritance in Python							
			Python Classes and Inheritance: Introduction	0.83						it_pvcipvdi_01_enus
			Python Classes & Inheritance: Getting Started with Classes in Python	1.58						it_pvcipvdi_02_enus
			Python Classes & Inheritance: Working with Inheritance in Python	1.17						it_pvcipvdi_03_enus
			Python Classes & Inheritance: Advanced Functionality Using Python Classes	1.48						it_pvcipvdi_04_enus
			Unit Testing in Python							
			Python Unit Testing: An Introduction to Python's unittest Framework	0.83						it_pyutpvdi_01_enus
			Python Unit Testing: Advanced Python Testing Using the unittest Framework	1.02						it_pyutpvdi_02_enus
			Python Unit Testing: Testing Python Code Using pytest	1.23						it_pyutpvdi_03_enus
			Python Unit Testing: Testing Python Code Using doctest	0.73						it_pyutpvdi_04_enus
			Final Exam: Python Journeyman	1.5						di_pv3_a01_fe_enus
			Advanced Topics in Python							
			Advanced Python Topics: File Operations in Python	1.12						it_pyatpvdi_01_enus
			Advanced Python Topics: Exceptions & Command Line Arguments	1.22						it_pyatpvdi_02_enus
			Advanced Python Topics: Python Modules & Virtual Environments	1						it_pyatpvdi_03_enus
			Advanced Python Topics: Migrating from Python 2 to Python 3	0.67						it_pyatpvdi_04_enus
			Final Exam: Python Apprentice	1.5						di_pv2_a01_fe_enus
			Building Web Apps Using Flask in Python							
			Flask in Python: An Introduction to Web Frameworks & Flask	0.83						it_pybwafdi_01_enus
			Flask in Python: Building a Simple Web Site Using Flask	1.5						it_pybwafdi_02_enus
			Flask in Python: User Interactions in Flask Applications	1.35						it_pybwafdi_03_enus
			Flask in Python: User Authentication in a Flask Application	1.57						it_pybwafdi_04_enus
			Wrangling Excel Data with Python							
			Excel with Python: Working with Excel Spreadsheets from Python	1.28						it_pyexpvdi_01_enus
			Excel with Python: Performing Advanced Operations	1.5						it_pyexpvdi_02_enus
			Excel with Python: Constructing Data Visualizations	1.02						it_pyexpvdi_03_enus
			Final Exam: Pythonista	1.5						di_pv4_a01_fe_enus
			Socket Programming in Python							
			Socket Programming in Python: Introduction	1.05						it_pvnpspdi_01_enus
			Socket Programming in Python: Advanced Topics	1.35						it_pvnpspdi_02_enus
			Developing and Debugging Using the PyCharm IDE							
			Introduction to Using PyCharm IDE	1.28						it_pvdvdupdi_01_enus
			Design Patterns in Python							
			Python Design Patterns: Principles of Good Design	1.58						it_pydppvdi_01_enus
			Python Design Patterns: Working with Creational Design Patterns	1.83						it_pydppvdi_02_enus
			Python Design Patterns: Working with Structural Design Patterns	1.45						it_pydppvdi_03_enus
			Python Design Patterns: Working with Behavioral Design Patterns	1.45						it_pydppvdi_04_enus
			Building Web Apps Using Django							
			Building Web Apps Using Django: Building a Basic Website	1.33						it_apbwaddi_02_enus
			Building Web Apps Using Django: Templates & User Administration	1.25						it_apbwaddi_03_enus
			Building Web Apps Using Django: Models & User Registration	1.4						it_apbwaddi_04_enus
			Building Web Apps Using Django: Implementing Login & Logout	1.2						it_apbwaddi_05_enus
			Building Web Apps Using Django: Generic Views	1.77						it_apbwaddi_06_enus
			Building Web Apps Using Django: Introduction to Web Frameworks & Django	0.93						it_apbwaddi_01_enus
			Automated Testing with Python							
			Automation Testing for Python	0.83						it_atpvatdi_01_enus
			Python AI Development							
			Python AI Development: Introduction	0.78						it_aiappddi_01_enus
			Python AI Development: Practice	1.35						it_aiappddi_02_enus
			Programming Best Practices							
			Software Programming Fundamentals							
			Software Programming Fundamentals: Design and Development Best Practices	1.57						sd_spfm_a01_it_enus
			Software Programming Fundamentals: Source Coding Best Practices	2.33						sd_spfm_a02_it_enus
			Software Programming Fundamentals: Software Security Best Practices	2						sd_spfm_a03_it_enus
			Software Programming Fundamentals: Best Practices for Maintaining Code	1.5						sd_spfm_a04_it_enus
			Hello, World!							
			Getting Started with Hello, World!	1.95						sd_hewo_a01_it_enus
			Software Design							
			Object-oriented Design							
			Beginning Object-Oriented Design	2.58						sd_oord_a01_it_enus
			Service Oriented Architecture							
			SOA Fundamentals	2.13						sd_soae_a01_it_enus
			SOLID Principles of Object-oriented Design							
			Introduction to SOLID	2.38						sd_obod_a01_it_enus
			SOLID Fundamentals	2.68						sd_obod_a02_it_enus
			JIRA Fundamentals							
			Leveraging the JIRA Platform for Development Projects	2						sd_jira_a01_it_enus
			Domain-driven Design							
			Introduction to Domain-driven Design	1.05						sd_domd_a01_it_enus

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			Components of Domain-driven Design	0.8						sd_domd_a02_it_enus
			Expanding Design Patterns	0.87						sd_domd_a03_it_enus
		TOGAF 9.1 Advanced								
			TOGAF® Advanced - Enterprise Architecture	1.6						er_tqfb_a01_it_enus
			TOGAF® Advanced - Guidelines and Techniques	1.62						er_tqfb_a02_it_enus
			TOGAF® Advanced - Content Framework And Continuum	1.58						er_tqfb_a03_it_enus
			TOGAF® Advanced - Reference Models and Capability Framework	1.58						er_tqfb_a04_it_enus
		JIRA								
			JIRA Cloud: Creating & Setting Up Projects	0.58						ds_jiracd_01_enus
			JIRA Cloud: Configuring & Managing Boards	0.62						ds_jiracd_02_enus
			JIRA Cloud: Planning & Working on a Software Project	0.57						ds_jiracd_03_enus
			JIRA Cloud: Reporting in Jira Software	0.47						ds_jiracd_04_enus
		Software Development Principles								
		Advanced Scrum								
			Advanced Scrum: Developing the Product and Sprint Backlogs	1.43						sd_scrm_a01_it_enus
			Advanced Scrum: Integrating and Customizing Scrum	1.53						sd_scrm_a02_it_enus
			Advanced Scrum: Addressing Sprint Execution Challenges	1.5						sd_scrm_a03_it_enus
		Software Practices (SCRUM)								
			Software Practices (SCRUM): SCRUM Roles	2.5		2.5				sd_spsc_a01_it_enus
			Software Practices (SCRUM): SCRUM Meetings	2.5		2.5				sd_spsc_a02_it_enus
		User Experience (UX) Design Foundations								
			UX Design Foundations: Design Principles and Strategies	1.68						sd_uxfd_a01_it_enus
			UX Design Foundations: Techniques and Tools	1.07						sd_uxfd_a02_it_enus
			UX Design Foundations: Navigation, Layout, and Content	1.4						sd_uxfd_a03_it_enus
		Software Practices: Waterfall								
			The Waterfall Software Development Model	1.68						sd_wtfl_a01_it_enus
		Agile Software Testing								
			Agile Software Testing: Methodologies and Testing Approaches	1.33						sd_agst_a01_it_enus
			Agile Software Testing: Techniques and Tools	1.08						sd_agst_a02_it_enus
		Kanban Fundamentals								
			Kanban Fundamentals: Using Kanban in IT and Software Development	3.67						sd_kafu_a01_it_enus
		Clean Coding Techniques								
			Introduction to Clean Coding	0.7						sd_clco_a01_it_enus
			Defensive Programming, MVC, and DDD	0.72						sd_clco_a02_it_enus
			Introduction to SOLID	0.43						sd_clco_a03_it_enus
			Syntax, Variables, Objects, and Classes	0.63						sd_clco_a04_it_enus
			Functions, Type Checking, Error Handling, and Testing	0.43						sd_clco_a05_it_enus
			Architecture and Testable Code	0.52						sd_clco_a06_it_enus
			Implementation	0.58						sd_clco_a07_it_enus
		Exploring Artificial Intelligence								
			Introduction to Artificial Intelligence	0.85						sd_exai_a01_it_enus
			Search Problems	0.73						sd_exai_a02_it_enus
			Constraint Satisfaction Problems	0.47						sd_exai_a03_it_enus
			Adversarial Problems	0.73						sd_exai_a04_it_enus
			Uncertainty	0.78						sd_exai_a05_it_enus
			Machine Learning	0.8						sd_exai_a06_it_enus
			Reinforcement Learning	0.58						sd_exai_a07_it_enus
			Introducing Natural Language Processing	0.73						sd_exai_a08_it_enus
		Exploring Microservices								
			Microservices Architecture	1.72						sd_exma_a01_it_enus
			Microservices Containers	1.45						sd_exma_a02_it_enus
			Microservices Deployment and Continuous Integration	1.95						sd_exma_a03_it_enus
			Microservices Testing Strategies, Scaling, Monitoring, and Security	2.4						sd_exma_a04_it_enus
		Exploring Machine Learning								
			Introduction to Machine Learning and Supervised Learning	0.92						sd_exml_a01_it_enus
			Supervised Learning Models	0.68						sd_exml_a02_it_enus
			Unsupervised Learning	0.55						sd_exml_a03_it_enus
			Neural Networks	0.67						sd_exml_a04_it_enus
			Convolutional and Recurrent Neural Networks	0.68						sd_exml_a05_it_enus
			Applying Machine Learning	0.65						sd_exml_a06_it_enus
		Exploring the Future of UI/UX								
			Introduction To UI/UX	0.92						sd_exui_a01_it_enus
			Designing with Flexibility and Efficiency in Mind	0.78						sd_exui_a02_it_enus
			Exploring Chatbots	0.93						sd_exui_a03_it_enus
			Voice User Interfaces	0.82						sd_exui_a04_it_enus
			UI/UX for Chatbot and Voice Interface AIs	0.87						sd_exui_a05_it_enus
			Wearable Technology and UI/UX	0.5						sd_exui_a06_it_enus
			Internet of Things and UI/UX	0.52						sd_exui_a07_it_enus
		Exploring Virtual Reality								
			Introduction to Virtual Reality	0.7						sd_exvr_a01_it_enus
			Manipulating the VR Environment	0.67						sd_exvr_a02_it_enus
			Creating a Virtual Reality App with Unity	1.03						sd_exvr_a03_it_enus
			User Interfaces in Virtual Reality	0.75						sd_exvr_a04_it_enus
			Optimizing for Unity VR	0.67						sd_exvr_a05_it_enus
			Android Cardboard and Unity VR	0.63						sd_exvr_a06_it_enus
			Using GoogleVR and Unreal	0.75						sd_exvr_a07_it_enus
		Agile Software Development								

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Introduction to Agile Software Development	1.1		1				sd_adev_a01_it_enus
			Agile Software Development Methodologies	1.08		1				sd_adev_a02_it_enus
			Agile Software Development - Scrum	0.95		1				sd_adev_a03_it_enus
			Planning an Agile Software Development Project	1.22		1.25				sd_adev_a04_it_enus
			Managing Agile Software Development	0.95		1				sd_adev_a05_it_enus
			Agile Programming & Testing	1.02		1				sd_adev_a06_it_enus
			Agile Software Development - Test-driven Development	0.77		0.75				sd_adev_a07_it_enus
			Agile Architecture, Design, & Collaboration	0.98		1				sd_adev_a08_it_enus
			Building API Gateways							
			API Gateways	1.2						sd_apig_a01_it_enus
			API Management	0.98						sd_apig_a02_it_enus
			API Security	0.82						sd_apig_a03_it_enus
			Microservices Architecture							
			Microservices Deep Dive	0.95						sd_msac_a01_it_enus
			Microservices Architecture and Design Patterns	1.1						sd_msac_a02_it_enus
			Microservices and Netflix	1						sd_msac_a03_it_enus
			Microservices Current and Future Trends	1						sd_msac_a04_it_enus
			Microservices Design Patterns							
			Design Thinking Process	1.07						sd_msdp_a01_it_enus
			Prototyping Design Thinking	0.78						sd_msdp_a02_it_enus
			Need for Design Patterns and the Principles Guiding Design Patterns	1.2						sd_msdp_a03_it_enus
			Design Pattern Classification and Architectural Patterns	1.22						sd_msdp_a04_it_enus
			Selecting Structural Patterns for Simplified Designs	0.78						sd_msdp_a05_it_enus
			Managing Object Construction and Behavior Using Patterns	1.02						sd_msdp_a06_it_enus
			Essential Deployment Microservices							
			Basic Concepts of a Microservices Architecture	0.8						sd_msdy_a01_it_enus
			Core Concepts of a Service-Oriented Architecture	1.4						sd_msdy_a02_it_enus
			Designing the Microservices Architecture	1.5						sd_msdy_a03_it_enus
			Microservice Refactoring Patterns	0.9						sd_msdy_a04_it_enus
			REST API & Microservices							
			Getting Started with REST and .NET Core	1.17						sd_msra_a01_it_enus
			Building an API Project in ASP.NET	1.18						sd_msra_a02_it_enus
			Building a Microservice in .NET Core	0.98						sd_msra_a03_it_enus
			Advanced Data Access with EF Core	1.03						sd_msra_a04_it_enus
			Deploying Your Microservice in Containers	0.93						sd_msra_a05_it_enus
			Securing Your Microservices	0.95						sd_msra_a06_it_enus
			Pivotal Cloud Foundry Developer							
			Cloud Foundry Overview	0.98						sd_pcfd_a01_it_enus
			Cloud Foundry Command Line Interface	1.2						sd_pcfd_a02_it_enus
			Cloud Foundry Architecture	1.35						sd_pcfd_a03_it_enus
			Logging, Scaling, and High Availability	1.2						sd_pcfd_a04_it_enus
			Managed and User-provided Services	1.05						sd_pcfd_a05_it_enus
			Using Docker for Java Microservices							
			Docker for Java Microservices: Working with Docker Components	1.63						it_osdojm_01_enus
			Docker for Java Microservices: Managing Microservices on Docker Using Compose	1.17						it_osdojm_03_enus
			Docker for Java Microservices: Containerize Microservices	1.3						it_osdojm_02_enus
			Docker for Java Microservices: Scaling Up and Managing Microservices	1.1						it_osdojm_04_enus
			Developing AI and Machine Learning Solutions with Python							
			AI and ML Solutions with Python: Machine Learning and Data Analytics	1.07						it_sdpvai_01_enus
			AI and ML Solutions with Python: Supervised, Unsupervised and Deep Learning	1.52						it_sdpvai_02_enus
			AI and ML Solutions with Python: Deep Learning and Neural Network Implementation	1.05						it_sdpvai_03_enus
			AI and ML Solutions with Python: Implementing ML Algorithm Using scikit-learn	1.23						it_sdpvai_04_enus
			AI and ML Solutions with Python: Implementing Robotic Process Automation	1.05						it_sdpvai_05_enus
			Developing AI and ML Solutions with Java							
			Developing AI and ML Solutions with Java: AI Fundamentals	1.07						it_sdiaai_01_enus
			Developing AI and ML Solutions with Java: Machine Learning Implementation	1.45						it_sdiaai_02_enus
			Developing AI and ML Solutions with Java: Neural Network and Neuroph Framework	1.82						it_sdiaai_03_enus
			Developing AI and ML Solutions with Java: Neural Network and NLP Implementation	0.95						it_sdiaai_04_enus
			Developing AI and ML Solutions with Java: Expert Systems and Reinforcement Learning	0.8						it_sdiaai_05_enus
			AI Development with TensorFlow							
			TensorFlow: Introduction to Machine Learning	1.68						it_sdaitd_01_enus
			TensorFlow: Simple Regression and Classification Models	1.63						it_sdaitd_02_enus
			Tensorflow: Sentiment Analysis with Recurrent Neural Networks	0.97						it_sdaitd_06_enus
			Tensorflow: K-means Clustering with TensorFlow	1						it_sdaitd_07_enus
			Tensorflow: Building Autoencoders in TensorFlow	0.78						it_sdaitd_08_enus
			Tensorflow: Word Embeddings & Recurrent Neural Networks	0.73						it_sdaitd_09_enus
			TensorFlow: Convolutional Neural Networks for Image Classification	1.38						it_sdaitd_10_enus
			TensorFlow: Deep Neural Networks and Image Classification	1.3						it_sdaitd_03_05_enus
			The Full Stack Developer Mindset							
			Full Stack Development: Introduction	0.98						it_sdfsde_01_enus
			Full Stack Development: Business Logic and Persistence Layers	0.8						it_sdfsde_02_enus
			Full Stack Development: Web Communications Layer	1						it_sdfsde_03_enus
			EAI Patterns							
			EAI Patterns: Fundamentals and Environment Setup	1.1						it_sdeaip_01_enus
			EAI Patterns: Language and Transformation Patterns	1.58						it_sdeaip_02_enus
			EAI Patterns: Message Routing Pattern Implementation	1.08						it_sdeaip_03_enus
			EAI Patterns: Overview of Apache Camel	0.73						it_sdeaip_04_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			REST API with Java							
			REST API with Java: Java APIs with JSON, Maven, & Spring	0.92						it_sdrapi_01_enus
			REST API with Java: Spring Boot with Java	1.12						it_sdrapi_02_enus
			REST API with Java: REST APIs with POSTMAN & CRUD	1.02						it_sdrapi_03_enus
			REST API with Java: Spring JPA & Apache Derby	0.97						it_sdrapi_04_enus
			Lean, Agile, and Scrum for Software Development							
			Agile for Software Development: Lean, Agile, & Scrum Methodologies	0.73						it_pmlasddi_01_enus
			Project Management Collaboration Tools							
			Project Management Tools: Understanding the Collaboration Tools	0.83						it_pmcltdi_01_enus
			Software Project Management Communication Skills							
			Software PM Communication: Software Project Management Communication Skills	0.93						it_pmspmcdi_01_enus
			Software Development Glossary							
			Software Development Concepts: Software Development Glossary	0.72						it_pmsdqldi_01_enus
			Agile Project Management for Software Development							
			Agile Software Development: Agile Development Life Cycle	1.43						it_pmapsdidi_01_enus
			Agile Software Development: Agile Project Management Techniques	1.1						it_pmapsdidi_02_enus
			Understanding Project Management Tools							
			Project Management Tools: Understanding PM Tools	1.05						it_pmunptdi_01_enus
			Software Requirements Planning							
			Software Requirements Planning	1.05						it_pmsrpldi_01_enus
			Conducting Software Project Meetings							
			Project Meetings: Agile Project Meetings	1.03						it_pmcspmdi_01_enus
			Stakeholder Communication for Software Development Projects							
			Stakeholder Communication: Software Projects & Stakeholder Communication	0.73						it_pmcscddi_01_enus
			Succeeding with Advanced Agile Software Project Management							
			Advanced Agile: Tools & Techniques	0.93						it_pmaaomdi_01_enus
			Advanced Agile: Leadership Techniques	1.15						it_pmaaomdi_02_enus
			Balancing Project Needs vs. Expectations							
			Project Management Needs vs. Expectations	0.75						it_pmbnxdidi_01_enus
			Decision Making for Software Project Managers							
			Decision Making for Software Project Managers	0.9						it_pmdmspdi_01_enus
			Recruiting for Software Projects							
			Software Projects: Recruiting the Project Team	0.78						it_pmrtswpdi_01_enus
			Scrum Project Management for Software Development							
			Project Management: Scrum Framework for Software Development	0.8						it_pmscrmdi_01_enus
			Agile Value-driven Delivery							
			Value-driven Delivery: Delivering Value in Agile Projects	1.1						it_pmacdddi_01_enus
			Defining Success Metrics							
			Project Evaluation: Defining Success Metrics	0.68						it_pmdsmtidi_01_enus
			Interpreting Stakeholder Needs							
			Interpreting Stakeholder Needs: Managing and Engaging Stakeholders	1.22						it_pmisnddi_01_enus
			Advanced Agile for Software Projects							
			Advanced Agile: Software Project Management	1.57						it_pmadapdi_01_enus
			Advanced Agile: Software Development Concepts	1.43						it_pmadapdi_02_enus
			Hybrid Agile Approaches							
			Agile Hybrid Approaches	0.8						it_pmhvaadi_01_enus
			Business Analysis for Project Management							
			Business Analysis for Project Management: Practices for Early Project Stages	0.92						it_pmbapmddi_01_enus
			Business Analysis for Project Management: Practices for Later Project Stages	0.8						it_pmbapmddi_02_enus
			Negotiation Skills for Project Analysts							
			Skills for Project Analysts: Negotiation Skills	0.93						it_pmnnspadi_01_enus
			Project Risk Assessment							
			Risk Management: Project Risk Assessment	0.85						it_pmprradi_01_enus
			Project Data Analysis for Software Project Managers							
			Software Data Analysis: Project Management Metrics	1.25						it_pmpdasdi_01_enus
			From Agile to Scrum							
			Transition to Scrum: Agile Foundation to Scrum	0.6						it_smfasndi_01_enus
			FSD Testing							
			Full Stack End-to-End Testing	0.98						it_fsdtsttdi_01_enus
			Changing PM Approach							
			Scrum Foundations: Transitioning to Scrum	0.78						it_smtnsddi_01_enus
			On-target SCRUM Meetings							
			SCRUM Meetings: On-target Daily Meetings	0.75						it_smotsmddi_01_enus
			Final Exam: Scrum Master	0.02						it_feasm_03_enus
			Agile Secure Programmer							
			Secure Agile Programming: Agile Concepts	0.8						it_spagspddi_01_enus
			Secure Agile Programming: Agile Techniques	0.52						it_spagspddi_02_enus
			Secure Agile Programming: Agile Modeling	0.33						it_spagspddi_03_enus
			Secure Agile Programming: Testing	0.58						it_spagspddi_04_enus
			Final Exam: Secure Agile Programmer	0.02						it_fesap_04_enus
			Supporting Organizational Strategic Goals							
			Business Orientation: Strategic Organizational Goals	0.83						it_pmsosqdi_01_enus
			Lean Practices							
			Lean in Scrum: Lean Development Practices	0.4						it_smmleanddi_01_enus
			Scrum Team Velocity							
			Scrum Team Velocity: Exploring Team Velocity	0.78						it_smstmvddi_01_enus
			Scrum Teams							

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
		Advanced Scrum	Scrum Master: Scrum for the Team	0.7						it_smposmdj_01_enus
			Advanced Scrum for Project Management	1.22						it_pmadsmdj_01_enus
		Advanced Project Data Analysis	Business Intelligence: Project Data Analysis	1.22						it_pmapdadi_01_enus
		Scrum Practices	Scrum Practices: Managing the Scrum Project	0.83						it_smscmdpdi_01_enus
			Final Exam: Software Project Lead	1.5						di_asm1_a01_fe_enus
		Secure FSD Data Development	FSD Secure Database Development	1.27						it_fssdddi_01_enus
		AI Development Theory	Artificial Intelligence: Basic AI Theory	1.08						it_aiapdtjd_01_enus
			Artificial Intelligence: Types of Artificial Intelligence	0.8						it_aiapdtjd_02_enus
		Product Development in Scrum	Scrum: Product Development Framework							it_smodvsdj_01_enus
			Final Exam: Software Product Owner	0.02						it_feasm_02_enus
		Scrum and the Product Owner	Scrum Concepts & the Product Owner	1.13						it_smpdowdj_01_enus
		Scrum in Practice	Applying Scrum Development Practices	0.8						it_smscrmdj_01_enus
		Product Development Practices	Product Development Practices	0.75						it_smpdpcdj_01_enus
		Product Backlog in Scrum	Scrum: Product Backlog	0.92						it_smpblsdj_01_enus
		Choosing Your Scaled Agile Framework	Scaling Scrum: Choosing Scaled Agile Frameworks	0.97						it_smcsafdi_01_enus
		Project Management Journey Final Exams	Final Exam: Software Project Analyst							di_sspm1_a01_fe_enus
			Final Exam: Software Project Lead							di_sspm2_a01_fe_enus
			Final Exam: Software Project Manager							di_sspm3_a01_fe_enus
			Final Exam: Senior Software Project Manager							di_sspm4_a01_fe_enus
		Modifying Test Frameworks	Test Framework Modification	0.98						it_atmtfwjd_01_enus
		Overcoming Challenges in Scaling Scrum	Scaling Scrum: Challenges	1.27						it_smcocssdj_01_enus
		Product Backlog	Scrum: Creating Effective Product Backlogs	0.68						it_smpdlqjd_01_enus
		Scrum Product Concepts	Scrum Product: Defining the Why & How of the Product	1.45						it_smpdcscdj_01_enus
		Advanced Lean, Agile, and Scrum Concepts	Advanced Lean, Agile, & Scrum Concepts	0.85						it_smalscdj_01_enus
			Final Exam: Advanced Scrum Master	0.02						it_feasm_04_enus
		Organizational Value Management	Business Strategy: Managing Organizational Value	1						it_pmorvmjd_01_enus
		Kanban for Operations	Managing Projects Using Kanban	1.37						it_cokbopdj_01_enus
		Scaling Scrum	Scaling an Organization's Scrum Process	1.07						it_smscsmdj_01_enus
		Agile and DevOps	Agile and DevOps: Adopting Agile Methodology	1.17						it_coagdvjd_01_enus
		Advanced Scrum Metrics	Advanced Scrum Metrics	0.6						it_smadsmjd_01_enus
		Scrum Business Value	Scrum Business Value: Accessing the Business Value of Scrum	1.27						it_smsmbvdj_01_enus
		HCI Principles and Methods	Artificial Intelligence: Human-computer Interaction Overview	0.93						it_aiaphcidi_01_enus
			Artificial Intelligence: Human-computer Interaction Methodologies	0.95						it_aiaphcidi_02_enus
		Sprint Planning	Scrum Master: Sprint Goals & Planning	0.65						it_smtpldjd_01_enus
		Sprint Reviews and Retrospectives	Scrum Sprint: Review	0.8						it_smsrtdj_01_enus
			Scrum Sprint: Retrospective	0.62						it_smsrtdj_02_enus
		Patterns, Idioms in Programming for APIs	Patterns in Programming: API Design Patterns	1.73						it_apipidjd_01_enus
			Patterns in Programming: Patterns in API Programming	1.67						it_apipidjd_02_enus
		Computer Vision for AI	Computer Vision: Introduction	0.67						it_aiapcvjd_01_enus
			Computer Vision: AI & Computer Vision	0.75						it_aiapcvjd_02_enus
		API in Design	API Design: API Development	0.87						it_apidapidj_01_enus
			API Design: API Strategy & Design	0.87						it_apidapidj_02_enus
			API Design: RESTful APIs	0.8						it_apidapidj_03_enus
		Agile and TDD Best Practices for APIs	Agile and TDD Best Practices for APIs: SOLID Design Principles	1.52						it_apitddbpdj_03_enus
			Agile & TDD Best Practices for APIs: Test-driven Development Strategy	0.9						it_apitddbpdj_01_enus
		SCRUM Quality, Planning, and Completion	SCRUM Quality, Planning, and Completion: Quality & Productivity	0.63						it_smaqolcdj_01_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			SCRUM Quality, Planning, and Completion: Effective User Stories	0.7						it smqplcdj 02 enus
			SCRUM Quality, Planning, and Completion: The Definition of Done	0.63						it smqplcdj 03 enus
		Final Exam: CloudOps Security Architect Track 1: Network Security Specialist								
			Final Exam: Network Security Specialist	0.02						it fecosa 01 enus
		Final Exam: CloudOps Security Architect Track 2: Security Admin								
			Final Exam: Security Admin	0.02						it fecosa 02 enus
		Final Exam: CloudOps Security Architect Track 3: Cloud Security Admin								
			Final Exam: Cloud Security Admin	0.02						it fecosa 03 enus
		Final Exam: CloudOps Security Architect Track 4: Cloud Security Architect								
			Final Exam: Cloud Security Architect	0.02						it fecosa 04 enus
		Cognitive Models								
			Cognitive Models: Overview of Cognitive Models	0.62						it aiapcmdj 01 enus
			Cognitive Models: Approaches to Cognitive Learning	0.73						it aiapcmdj 02 enus
	Software Testing									
		Microsoft Visual Studio Team Foundation Server 2013 Administration								
			Microsoft Team Foundation Server 2013: Installation and Configuration	2.7						sd mtfs a01 it enus
			Microsoft Team Foundation Server 2013: Managing an Implementation	2.52						sd mtfs a02 it enus
			Microsoft Team Foundation Server 2013: Customization for Team Use	3.05						sd mtfs a03 it enus
			Microsoft Team Foundation Server 2013: Clients, Workspaces, and Version Control	2.2						sd mtfs a04 it enus
		Testing with JUnit								
			JUnit Fundamentals	1.37						it itut a01 it enus
			Working with JUnit Tests	1.33						it itut a02 it enus
		Software Testing with Visual Studio								
			Software Testing with Visual Studio: Create and Configure Test Plans	1.93						sd stvs a01 it enus
			Software Testing with Visual Studio: Manage Test Cases	1.58						sd stvs a02 it enus
			Software Testing with Visual Studio: Manage Test Execution Part 1	1.47						sd stvs a03 it enus
			Software Testing with Visual Studio: Manage Test Execution Part 2	1.53						sd stvs a04 it enus
		Debugging Fundamentals								
			Introduction to Debugging	2						sd dbug a01 it enus
			Visual Studio 2013 Debugging	2.13						sd dbug a02 it enus
			Debugging Tools	1.8						sd dbug a03 it enus
			Software Debugging in Windows	2.02						sd dbug a04 it enus
		Software Testing Fundamentals								
			Creating Software Tests	2.47						sd stfm a01 it enus
			Managing, Troubleshooting, and Automating Software Tests	2						sd stfm a02 it enus
		Software Testing Foundations								
			Software Testing Foundations: Testing throughout the Software Life Cycle	1.7						sd softf a01 it enus
			Software Testing Foundations: Static, Dynamic, Black-box, and White-box Testing	1.88						sd softf a02 it enus
			Software Testing Foundations: Test Planning, Management, and Tool Support	1.93						sd softf a03 it enus
		Testing Android Apps with Genymotion								
			Genymotion: Testing Android Apps	1.48						sd taaq a01 it enus
		Testing Social Media Applications								
			Ensuring Social Media and Application Quality	1.12						sd tsma a01 it enus
		Using Jasmine in Testing								
			Deploying and Using Jasmine	2.1						sd jate a01 it enus
		Exploring Automation								
			Software Quality Assurance	0.73						sd exau a01 it enus
			Automated Software Testing	1.08						sd exau a02 it enus
		Automation Using Appium								
			Introduction to Appium Testing	1.32						sd appt a01 it enus
			Exploring Appium and Windows	1.75						sd appt a02 it enus
			Appium Concepts with Mac OS X	1.52						sd appt a03 it enus
		Software Testing with Cucumber								
			Beginning Cucumber and Behavior-driven Development	1.32						sd cucb a01 it enus
			Cucumber Steps and Scenario Development	1.37						sd cucb a02 it enus
			Deep Dive Cucumber	1.32						sd cucb a03 it enus
		Automated Testing with Selenium								
			Introduction to Automated Testing with Selenium	0.78						sd sele a01 it enus
			Selenium IDE: Scripts & Commands	0.48						sd sele a02 it enus
			Selenium IDE - Locating, Verifying, and Testing Elements	0.73						sd sele a03 it enus
			Selenium IDE - Advanced Features and Debugging	0.58						sd sele a04 it enus
		WebLOAD Performance Testing								
			Working with WebLOAD	1.2						sd webl a01 it enus
			Testing with WebLOAD	0.9						sd webl a02 it enus
			Implementing WebLOAD Solutions	0.68						sd webl a03 it enus
		Team Foundation Server 2017								
			Building the Team Foundation Server Environment	0.92						os doif a01 it enus
			Java Development with Eclipse	0.97						os doif a02 it enus
			.NET Development with Visual Studio	1.08						os doif a03 it enus
			Continuous Integration and Deployment with Team Foundation Server	1.03						os doif a04 it enus
			Team Foundation Server Administration and Configuration	1.55						os doif a05 it enus
		Testing with JMeter								
			Performance Testing and JMeter	1.82						sd jmet a01 it enus
			JMeter Architecture and Operations	1.35						sd jmet a02 it enus
			Comprehensive JMeter Operations	1.2						sd jmet a03 it enus
		Software Testing with TestNG								
			Exploring TestNG	0.72						sd teng a01 it enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Decoding TestNG in Detail	0.6						sd_teng_a02_it_enus
			Complex TestNG Integrations and Implementations	0.98						sd_teng_a03_it_enus
			Software Testing Foundation - 2018							
			Software Testing Foundation 2018: Fundamentals	0.6						it_sdstdf_01_enus
			Software Testing Foundation 2018: Test Process Fundamentals	0.8						it_sdstdf_02_enus
			Software Testing Foundation 2018: Testing & the Software Development Lifecycle	0.75						it_sdstdf_03_enus
			Software Testing Foundation 2018: Test Types & Maintenance Testing	0.5						it_sdstdf_04_enus
			Software Testing Foundation 2018: Static Testing	0.87						it_sdstdf_05_enus
			Software Testing Foundation 2018: Testing Techniques	0.52						it_sdstdf_06_enus
			Software Testing Foundation 2018: Black-box & White-box Testing Techniques	0.93						it_sdstdf_07_enus
			Software Testing Foundation 2018: Test Management	0.85						it_sdstdf_08_enus
			Software Testing Foundation 2018: Test Monitoring & Control	0.57						it_sdstdf_09_enus
			Software Testing Foundation 2018: Risk & Defect Management	0.43						it_sdstdf_10_enus
			Software Testing Foundation 2018: Test Tool Support	0.93						it_sdstdf_11_enus
			Exploring Test Automation							
			Test Automation: Automated Software Testing	0.98						it_atextadi_01_enus
			Building a Unit Testing Program							
			Unit Testing in DevOps Software Development	1.4						it_atbduidi_01_enus
			Unit Testing Best Practices							
			Implementing Unit Testing Best Practices	1.35						it_atutbpdi_01_enus
			The Agile Software Testing Cycle							
			Software Testing Cycle: Agile Testing	1.22						it_atastdi_01_enus
			Testing for Clean Code							
			Role of Testing in Managing Clean Code	1.32						it_attsccdi_01_enus
			Manual vs. Automated Testing							
			Comparing Manual & Automated Testing	1.37						it_atmnvadi_01_enus
			Final Exam: QA Lead	0.02						it_fedat_03_enus
			Test Driven Development							
			Test Driven Development: Implementing TDD	1.07						it_attsdddi_01_enus
			End-to-End Automated Testing							
			End-to-End Automated Testing: End-to-End Testing Implementation	1.08						it_ateeatdi_01_enus
			BDD Automated Testing with Cucumber							
			BDD Testing with Cucumber	1.02						it_atcukedi_01_enus
			Automated Testing with Selenium							
			Selenium: Using Selenium for Continuous Testing	1.1						it_atatsedi_01_enus
			Software Automation with TestComplete							
			TestComplete: Test Automation with TestComplete	0.78						it_atstacdi_01_enus
			Functional Test Automation with HP UFT							
			HP UFT: Functional Test Automation	1.03						it_athpuftdi_01_enus
			Final Exam: Automated Tester	0.02						it_fedat_04_enus
			Mastering Automation Frameworks							
			Building & Implementing Test Automation Frameworks	1.2						it_atmatfdi_01_enus
			Module-based Automated Testing							
			Module-based Testing: Automated Testing with Model-based Testing	0.92						it_atmbatdi_01_enus
			Automated Testing with SoapUI							
			API Test Automation with SoapUI	1.02						it_atsoapdi_01_enus
			Unit Testing in JavaScript							
			Unit Testing in JavaScript: Mocha & Chai	0.97						it_aputjsdi_04_enus
			Unit Testing in JavaScript: SinonJS	2.48						it_aputjsdi_05_enus
			Unit Testing in JavaScript: Mocha & Unit.js	1.78						it_aputjsdi_01_enus
			Unit Testing in JavaScript: Should.js & Must.js	1.22						it_aputjsdi_02_enus
			Unit Testing in JavaScript: Exploring & Configuring the Mocha Testing Framework	1.17						it_aputjsdi_03_enus
			Automated Testing Design Patterns							
			Automated Testing: Design Patterns	0.83						it_apiatdpdi_01_enus
			Selenium Deep Dive							
			Selenium Deep Dive: Setting Up Selenium for Automated Testing	1.2						it_atsedddi_01_enus
			Selenium Deep Dive: Working with Selenium IDE	0.93						it_atsedddi_02_enus
			Microsoft Windows Store Apps							
			Advanced Windows Store App Development Using C# and XAML							
			Advanced Windows Store Apps with C# in Visual Studio 2013: Data Management	2.2						wd_awsa_a01_it_enus
			Advanced Windows Store Apps with C# in Visual Studio 2013: The UI, Printing, WNS	2.32						wd_awsa_a02_it_enus
			Advanced Windows Store Apps with C# in Visual Studio 2013: Media and Devices	2.18						wd_awsa_a03_it_enus
			Advanced Windows Store Apps with C# in Visual Studio 2013: Security & Optimizing	1.55						wd_awsa_a04_it_enus
			Advanced Windows Store Apps with C# in Visual Studio 2013: Testing & Deployment	2.25						wd_awsa_a05_it_enus
			Working with ASP.NET MVC 5							
			Creating and Securing MVC 5 Applications	2.88						wd_dwaq_a01_it_enus
			Using MVC 5 with EF6, Web API 2, SignalR, and Azure	2.17						wd_dwaq_a02_it_enus
			Developing ASP.NET MVC Web Applications							
			ASP.NET MVC Web Applications: Introduction	0.77						it_wddmvc_01_enus
			ASP.NET MVC Web Applications: Models and Unit Testing	1.4						it_wddmvc_04_enus
			ASP.NET MVC Web Applications: Databases & Entity Framework	0.87						it_wddmvc_05_enus
			ASP.NET MVC Web Applications: Web API Routes & Controllers	0.77						it_wddmvc_06_enus
			ASP.NET MVC Web Applications: Adaptive UI Layout and Caching Strategy	0.78						it_wddmvc_10_enus
			ASP.NET MVC Web Applications: Data & State Management	0.77						it_wddmvc_11_enus
			ASP.NET MVC Web Applications: Asynchronous Tasks	0.48						it_wddmvc_12_enus
			ASP.NET MVC Web Applications: Distributed Applications	0.63						it_wddmvc_13_enus
			ASP.NET MVC Web Applications: Implementing ASP.NET Authentication	1.78						it_wddmvc_14_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			ASP.NET MVC Web Applications: Claims-Based Authentication	0.75						it_wddmvc_15_enus
			ASP.NET MVC Web Applications: Authorization & Exception Handling	0.95						it_wddmvc_16_enus
			ASP.NET MVC Web Applications: Troubleshooting, HTTP Modules, & Handlers	0.48						it_wddmvc_17_enus
			ASP.NET MVC Web Applications: Debugging Web Applications	1.13						it_wddmvc_18_enus
			ASP.NET MVC Web Applications: Configuring & Deploying	0.95						it_wddmvc_19_enus
			ASP.NET MVC Web Applications: Globalization, Azure Events, & NuGet	1.02						it_wddmvc_20_enus
			ASP.NET MVC Web Applications: Optimization & Encryption	0.48						it_wddmvc_21_enus
			ASP.NET MVC Web Applications: Implementing Secure Sites	1.23						it_wddmvc_22_enus
			ASP.NET MVC Web Applications: Designing Application Architecture	0.97						it_wddmvc_23_enus
			ASP.NET MVC Web Applications: State & Configuration Management	1.18						it_wddmvc_24_enus
			ASP.NET MVC Web Applications: Host Options & WebApp Composition	0.92						it_wddmvc_25_enus
			ASP.NET MVC Web Applications: Designing Build & Publishing Strategies	1.62						it_wddmvc_26_enus
			ASP.NET MVC Web Applications: Deployment Architecture	2.02						it_wddmvc_27_enus
			ASP.NET MVC Web Applications: MVC Controllers & Actions	1.55						it_wddmvc_02_05_enus
			ASP.NET MVC Web Applications: MVC Application Routes	1.1						it_wddmvc_03_04_enus
			ASP.NET MVC Web Applications: JSON & XML Data Formats	1.02						it_wddmvc_07_04_enus
			ASP.NET MVC Web Applications: Composing the UI Layout	1.28						it_wddmvc_08_04_enus
			ASP.NET MVC Web Applications: Design and Implement UI Behavior	0.87						it_wddmvc_09_04_enus
	Microsoft C#									
		Programming in C# (Update)								
			Programming in C#: Managing Program Flow	1.38						it_wdpacs_01_13_enus
			Programming in C#: Creating Types	1.95						it_wdpacs_02_09_enus
			Programming in C#: Using Types	1.4						it_wdpacs_03_13_enus
			Programming in C#: Debugging and Security Implementation	1.52						it_wdpacs_04_enus
			Programming in C#: Manipulating and Retrieving Data	1.37						it_wdpacs_05_10_enus
			Programming in C#: Managing Multithreading	1.8						it_wdpacs_07_02_enus
			Programming in C#: Memory Management and String Operations	0.93						it_wdpacs_08_enus
			Programming in C#: Implementing Data Access	0.88						it_wdpacs_09_enus
	Eclipse									
		Fundamentals of Eclipse								
			Introduction to Eclipse	2						sd_ecip_a01_it_enus
			Using Eclipse	1.5						sd_ecip_a02_it_enus
			Using Eclipse with Subversive	1.1						sd_ecip_a03_it_enus
	Microsoft LINQ									
		Microsoft LINQ								
			Getting Started with LINQ	1.1						sd_linq_a01_it_enus
	Microsoft Enterprise Library									
		Microsoft Enterprise Library								
			Microsoft Enterprise Library	1.47						sd_enlb_a01_it_enus
	Microsoft ORM									
		NHibernate								
			NHibernate Essentials	2						sd_nhnb_a01_it_enus
			NHibernate Advanced Techniques	2.1						sd_nhnb_a02_it_enus
		Microsoft Entity Framework								
			Getting Started With Entity Framework	3.37						sd_etyf_a01_it_enus
			Advanced Entity Framework	2.67						sd_etyf_a02_it_enus
	Algorithms									
		Introduction to Algorithms and Data Structures								
			Introduction to Algorithms and Data Structures	2.93						sd_alds_a01_it_enus
	Mobile Application Development									
		Programming Cross-Platform Applications in Visual Studio with Xamarin								
			Xamarin Android and iOS Projects in Cross-Platform Solutions in Visual Studio	1.87						sd_xama_a01_it_enus
			Cross-Platform Shared Code and Xamarin.Forms in Visual Studio	2.53						sd_xama_a02_it_enus
		New Features in Android 5.x Lollipop For Developers								
			Android Lollipop New Features For Developers	1.65						sd_nfal_a01_it_enus
		Developing Apple Watch Applications								
			Developing Basic Apple Watch Applications	2.55						sd_daaw_a01_it_enus
			Developing Advanced Apple Watch Applications	2.28						sd_daaw_a02_it_enus
		Titanium								
			Creating Mobile Apps with Appcelerator Titanium	1.42						ds_tani_a01_dt_enus
			Exploring the Advanced Features of Appcelerator Titanium	1.75						ds_tani_a02_dt_enus
		Apache Cordova								
			Apache Cordova: Exploring the Basic Features	1.82						sd_apco_a01_it_enus
			Apache Cordova: Exploring the Advanced Features	2.57						sd_apco_a02_it_enus
		Ionic Framework								
			Exploring the Basic Features of the Ionic Framework	1.83						sd_iofr_a01_it_enus
			Exploring the Advanced Features of the Ionic Framework	2						sd_iofr_a02_it_enus
		PhoneGap								
			PhoneGap: Exploring Basic Features	1.5						sd_phga_a01_it_enus
			PhoneGap: Exploring Advanced Features	2						sd_phga_a02_it_enus
		Android App Development Essentials								
			The Development of Android Applications	2.2						sd_aade_a01_it_enus
			The Main Components of Android	2.17						sd_aade_a02_it_enus
			User Interfaces, Controls, and Fragments	2.4						sd_aade_a03_it_enus
			Designing, Creating, and Manipulating Android Databases	2.17						sd_aade_a04_it_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			New Features of Android 7	1.45						sd_aade_a05_it_enus
		Android For .NET Developers								
			Android For .NET Developers: Introduction to Xamarin For .NET	3.18						sd_afdd_a01_it_enus
			Android For .NET Developers: Android OS	2.95						sd_afdd_a02_it_enus
			Android For .NET Developers: Android User Interface Elements	3.88						sd_afdd_a03_it_enus
			Android For .NET Developers: Different Approaches to Development	1.9						sd_afdd_a04_it_enus
			Android For .NET Developers: Java, Garbage Collection, Debugging, and Runtime	1.88						sd_afdd_a05_it_enus
			Android For .NET Developers: Advanced Design, Build, Android Wear, and Emulator	2.07						sd_afdd_a06_it_enus
		iOS Application Development Fundamentals								
			iOS Application Development: Creating a Basic iOS App	2.2						sd_ioaf_a01_it_enus
			iOS Application Development: Layout and Controls	1.8						sd_ioaf_a02_it_enus
			iOS Application Development: Creating Adaptive Apps	3.08						sd_ioaf_a03_it_enus
			iOS Application Development: Application Lifecycle Management	1.7						sd_ioaf_a04_it_enus
			iOS Application Development: Data, Graphics and Media	2.5						sd_ioaf_a05_it_enus
			iOS Application Development: Optimizing Apps	3.15						sd_ioaf_a06_it_enus
			iOS Application Development: iOS 10 Features	1.92						sd_ioaf_a07_it_enus
		Application Development with React and Flux								
			React and Flux: An Overview	1.47						sd_apdr_a01_it_enus
			React and Flux: Creating Simple React Components	1.23						sd_apdr_a02_it_enus
			React and Flux: React Router and Forms	1.9						sd_apdr_a03_it_enus
			React and Flux: Working with Flux	1.5						sd_apdr_a04_it_enus
		Building Secure Mobile Apps								
			Tips and Tricks for Developing Secure Mobile Apps	0.83						sd_bsma_a01_it_enus
		Java and .NET Programming for IoT								
			Programming in the IoT Arena	1.18						sd_iotp_a01_it_enus
		Programming with Kotlin								
			Introduction to Kotlin	0.47						sd_pkot_a01_it_enus
			Kotlin IDEs	0.45						sd_pkot_a02_it_enus
			Kotlin Syntax	0.93						sd_pkot_a03_it_enus
			Kotlin Loops and Functions	1.05						sd_pkot_a04_it_enus
			Kotlin Objects and Classes	1.12						sd_pkot_a05_it_enus
		Reactive Programming with Redux								
			Reactive Programming Using Redux	1.45						it_sdrpre_01_enus
			Build & Integrate React Applications with Redux Capabilities	1.42						it_sdrpre_02_enus
			Enhance Reactive Applications with Advanced React	1.17						it_sdrpre_03_enus
			Build and Test SPA Using React and Redux	1.15						it_sdrpre_04_enus
		iOS 12 Application Development								
			iOS 12 Development: Getting Started with Xcode and iOS	0.78						it_sdiost_01_enus
			iOS 12 Development: Working With Layout and Controls in iOS	0.85						it_sdiost_02_enus
			iOS 12 Development: Working With Data and Gestures	0.92						it_sdiost_03_enus
			iOS 12 Development: Best Practices in iOS Security	0.87						it_sdiost_04_enus
		Developing Android Applications								
			Developing Android Applications: Introduction	1.07						it_sddabd_01_enus
			Developing Android Applications: App Structure and Formatting	0.97						it_sddabd_02_enus
			Developing Android Applications: App Layout	1.18						it_sddabd_03_enus
			Developing Android Applications: Creating an App with Java	1.4						it_sddabd_04_enus
			Developing Android Applications: Activities, Connectivity, and Services	0.82						it_sddabd_05_enus
			Developing Android Applications: Defensive Programming and Security	0.88						it_sddabd_06_enus
			Developing Android Applications: Debugging and Testing	0.87						it_sddabd_07_enus
		iOS 12 Application Development								
			iOS 12 Development: Getting Started with Xcode and iOS	0.78						it_sdiost_01_enus
			iOS 12 Development: Working With Layout and Controls in iOS	0.85						it_sdiost_02_enus
			iOS 12 Development: Working With Data and Gestures	0.92						it_sdiost_03_enus
			iOS 12 Development: Best Practices in iOS Security	0.87						it_sdiost_04_enus
			iOS 12 Development: Testing and Error Handling	1.07						it_sdiost_05_enus
			iOS 12 Development: Augmented Reality and HealthKit	1						it_sdiost_06_enus
		Building Interactive Applications Using React								
			Build Apps Using React: Advanced Features in React	1.8						it_apbiardj_06_enus
			Build Apps Using React: In Development & Production	1.15						it_apbiardj_07_enus
			Build Apps Using React: Local Machine & Online Playgrounds	1.68						it_apbiardj_02_enus
			Build Apps Using React: Props & State	1.77						it_apbiardj_03_enus
			Build Apps Using React: Working with Events	1.82						it_apbiardj_04_enus
			Build Apps Using React: Working with Forms	1.35						it_apbiardj_05_enus
			Build Apps Using React: Introducing React for Web Applications	1.73						it_apbiardj_01_enus
		Mobile App Development on Android								
			Mobile App Development: An Introduction Android Development	1.03						it_apmadadi_01_enus
			Mobile App Development: Building a Basic Android App	1.63						it_apmadadi_02_enus
			Mobile App Development: Defining the UI for an Android App							it_apmadadi_03_enus
			Mobile App Development: Coding the Behavior of an Android App	1.45						it_apmadadi_04_enus
			Mobile App Development: Authentication in an Android App	1.58						it_apmadadi_05_enus
			Mobile App Development: Testing an Android App	1.78						it_apmadadi_06_enus
	Windows Embedded									
		Windows Embedded 8.1 Industry								
			Windows Embedded 8.1 Industry	2.45						sd_wemb_a01_it_enus
	Configuration Management									
		Apache Subversion Fundamentals								

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Apache Subversion Fundamentals: Getting to Know Subversion	1.1						sd_svnf_a01_it_enus
		Developing with GitHub								
			Introducing Git	1.1						sd_dgit_a01_it_enus
			Working with Git	1.1						sd_dgit_a02_it_enus
			Working with GitHub	1.23						sd_dgit_a03_it_enus
			GitHub Extension for Visual Studio	1.35						sd_dgit_a04_it_enus
		Git and GitHub								
			Git & GitHub: Introduction	0.53						it_apiaqhdj_01_enus
			Git & GitHub: Working with Git Repositories	1.45						it_apiaqhdj_02_enus
			Git & GitHub: Using GitHub for Source Code Management	1.43						it_apiaqhdj_03_enus
		Defensive Programming								
		Defensive Programming in C/C++								
			Defensive Coding Fundamentals for C/C++	1.62						sd_dpcc_a01_it_enus
			Defensive Coding for C/C++	1.6						sd_dpcc_a02_it_enus
		Defensive Programming in C#								
			Defensive Coding Fundamentals for C#	2.08						sd_dpcc_a01_it_enus
			Defensive Coding for C#	1.9						sd_dpcc_a02_it_enus
		Defensive Programming in JavaScript and HTML5								
			Defensive Coding Fundamentals for JavaScript and HTML5	1.5						sd_dpjh_a01_it_enus
			Defensive Coding for JavaScript and HTML5	1.25						sd_dpjh_a02_it_enus
		Defensive Programming in iOS								
			Thinking Defensively about Functions, Methods, and Input	1.87						sd_dpjo_a01_it_enus
			Managing Network Interaction	2.17						sd_dpjo_a02_it_enus
			Errors, Exceptions, and Testing	2						sd_dpjo_a03_it_enus
			Protecting Data in iOS Apps	2						sd_dpjo_a04_it_enus
		Defensive Programming in Android								
			Defensive Programming in Android: Input and Methods	1.5						sd_dpfa_a01_it_enus
			Defensive Programming in Android: Using Standards	1.52						sd_dpfa_a02_it_enus
			Defensive Programming in Android: Errors, Exceptions, and Testing	1.9						sd_dpfa_a03_it_enus
			Defensive Programming in Android: Network Access and Java Defensive Techniques	1.6						sd_dpfa_a04_it_enus
		Secure Programming								
			Introduction to Secure Programming	0.7						sd_secp_a01_it_enus
			Secure Programming for C#	1.42						sd_secp_a02_it_enus
			Securing C# Applications	1.12						sd_secp_a03_it_enus
			Creating Secure C# Code	0.83						sd_secp_a04_it_enus
			Application Security in .NET	0.92						sd_secp_a05_it_enus
			Code Access Security and Cryptography in .NET	1.22						sd_secp_a06_it_enus
		OWASP Top 10 - 2017								
			OWASP: Top 10 & Web Applications	1.02						it_spowsp_06_enus
			OWASP: Web Application Security	0.73						it_spowsp_07_enus
			OWASP: Top 10 Item A10	0.75						it_spowsp_08_enus
			OWASP: Top 10 Items A9, A8, & A7	0.63						it_spowsp_09_enus
			OWASP: Top 10 Items A6, A5, & A4	0.78						it_spowsp_10_enus
			OWASP: Top 10 Items A3, A2, & A1	0.72						it_spowsp_11_enus
		Programming Standards for the Secure Programmer								
			Secure Programmer: Intro to Programming Standards	0.93						it_spgsddj_01_enus
			Secure Programmer: Software Design Techniques	1.28						it_spgsddj_02_enus
			Secure Programmer: Software Modeling Techniques	0.45						it_spgsddj_03_enus
			Secure Programmer: Software Testing	1.2						it_spgsddj_05_enus
			Secure Programmer: Coding Practices	0.78						it_spgsddj_04_enus
			Final Exam: Programmer	1.5						di_sap1_a01_fe_enus
		Defensive Programmer								
			Defensive Programmer: Defensive Concepts	0.73						it_sdpfpadi_01_enus
			Defensive Programmer: Defensive Techniques	1.28						it_sdpfpadi_02_enus
			Defensive Programmer: Cryptography	0.52						it_sdpfpadi_03_enus
			Defensive Programmer: Advanced Concepts	0.32						it_sdpfpadi_04_enus
			Defensive Programmer: Code Samples	1.58						it_sdpfpadi_05_enus
			Defensive Programmer: Secure Testing	0.48						it_sdpfpadi_06_enus
			Final Exam: Defensive Programmer	0.02						it_fesap_03_enus
		Secure Programmer								
			Secure Programmer: Security Concepts	0.42						it_spsecpdi_01_enus
			Secure Programmer: Vulnerabilities	1.22						it_spsecpdi_02_enus
			Secure Programming: Encryption	0.35						it_spsecpdi_03_enus
			Secure Programmer: Attacks	1.15						it_spsecpdi_04_enus
			Secure Programmer: Resiliency Coding	0.45						it_spsecpdi_05_enus
			Final Exam: Secure Programmer	0.02						it_fesap_02_enus
		Secure Coding for the Security Architect								
			Security Architect: Secure Coding Concepts	0.97						it_saseccdi_01_enus
		Advanced MEAN								
			MEAN Stack Development	1.45						it_fsadmedi_01_enus
	Apache									
		Maven Fundamentals								
			Getting Started with Maven	2.37						sd_apma_a01_it_enus
			Maven Fundamentals: Documentation, Resources, Plugins, Releases, IDE Integration	2.75						sd_apma_a02_it_enus
	Go									
		Go Programming Fundamentals								

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Programming in Go	1.93						sd goof a01 it enus
			Software Requirements							
			Introduction to iRise							
			iRise Editor Basics	1.2						sd_inir_a01.it_enus
			Online Prototyping with iRise	2.32						sd_inir_a02.it_enus
			Advanced Prototyping in iRise	2.2						sd_inir_a03.it_enus
			Reusable Components and iRise Administration	1.37						sd_inir_a04.it_enus
			Software Requirements Planning							
			Software Requirements Planning	0.97						it_apisrpldi_01_enus
			Universal Windows Platform							
			Developing Mobile Apps							
			Introducing UWP and Basic App Layouts	0.97						sd_dmap_a01.it_enus
			Adaptive App Design	0.7						sd_dmap_a02.it_enus
			XAML App Controls	0.85						sd_dmap_a03.it_enus
			App Navigation	0.78						sd_dmap_a04.it_enus
			Application Life Cycle	0.77						sd_dmap_a05.it_enus
			Data Access and Binding in Apps	1.23						sd_dmap_a06.it_enus
			Using Mouse, Touch, and Keyboard Input	0.75						sd_dmap_a07.it_enus
			Using Other Device Input Methods	1.07						sd_dmap_a08.it_enus
			Speech Input and Cortana	1.18						sd_dmap_a09.it_enus
			App-to-app Communication and File Storage	1.05						sd_dmap_a10.it_enus
			Notifications with Toasts and Tiles	0.82						sd_dmap_a11.it_enus
			Background Tasks and Reusable Components	1.25						sd_dmap_a12.it_enus
			Authentication and Identity Management	0.85						sd_dmap_a13.it_enus
			IoT Development							
			Developing and Implementing IoT Solutions							
			Developing and Implementing IoT Solutions: Principles of IoT and Python Basics	1.17						it_sdeiott_01_enus
			Developing and Implementing IoT Solutions: MicroPython Board	0.7						it_sdeiott_02_enus
			Developing and Implementing IoT Solutions: MicroPython and Security	0.88						it_sdeiott_03_enus
			Developing and Implementing IoT Solutions: Using Raspberry Pi and OpenCV	0.52						it_sdeiott_04_enus
			Developing and Implementing IoT Solutions: Raspi-config and GPIO	0.6						it_sdeiott_05_enus
			Developing and Implementing IoT Solutions: Arduino Language	0.78						it_sdeiott_06_enus
			Developing and Implementing IoT Solutions: Cloud Implementation Using Azure IoT	0.95						it_sdeiott_07_enus
			Developing and Implementing IoT Solutions: Azure IoT Hub	0.97						it_sdeiott_08_enus
			Digital Assistant Development							
			Development Skills for Alexa							
			Alexa Architecture and Components	0.9						it_sbdsas_01_enus
			Skill Development Using Alexa Components	0.83						it_sbdsas_02_enus
			Working with ASK API Using Node.js and Java	1.28						it_sbdsas_03_enus
			Working with SSML and AVS	0.97						it_sbdsas_04_enus
			Working with Smart Home and Business	0.9						it_sbdsas_05_enus
			Full Stack Development							
			Full Stack Development Bootcamp							
			Full stack Developer (FSD) Bootcamp with Expert Live and Encore	40						LLDV0001
			FSD Front-end Development							
			FSD Front-end Development: Features of HTML5 & CSS3	1.12						it_fsdtcsdji_01_enus
			FSD Front-end Development: Advanced CSS Browser Features	1.12						it_fsdtcsdji_02_enus
			FSD Front-End Development: Advanced JavaScript							
			FSD Front-End Development: Using JavaScript Functions	1.18						it_fsdsjcrdji_01_enus
			FSD Front-End Development: Writing Code with jQuery	1.18						it_fsdsjcrdji_02_enus
			Final Exam: Front-End Developer	1.5						di_fsd2_a01.fe_enus
			User Interaction Technologies							
			FSD Front-End Development: Frameworks	1.3						it_fsduitedji_01_enus
			FSD Front-End Development: UI Development with ReactJS	1.37						it_fsduitedji_02_enus
			Software Testing for FSD							
			FSD Software Testing: Full Stack Developer Software Testing	1.17						it_fsstfsdgdji_01_enus
			Getting Started with FSD							
			FSD Getting Started: Introduction to Full Stack Development	0.95						it_fssaifsdji_01_enus
			FSD Programming Languages Primer							
			FSD Programming Languages: FSD Back End & Miscellaneous Tools	0.97						it_fsfsdpdji_02_enus
			FSD Programming Languages Primer: FSD Front-end Primer	1.08						it_fsfsdpdji_01_enus
			Final Exam: Enterprise Developer	1.5						di_fsd1_a01.fe_enus
			SQL for the FSD Developer							
			SQL in FSD Development	1.03						it_fssqifdji_01_enus
			FSD API Development with Python							
			FSD Development with Python: API Development in Flask	1.32						it_fsapiodji_01_enus
			Final Exam: Middle Back-End Developer	1.5						di_fsd3_a01.fe_enus
			FSD Front-end Development: Build and Test Tools							
			FSD Front-end Development: Server Tools	1.15						it_fsdbdtldji_01_enus
			FSD Front-end Development: Testing Tools	1.02						it_fsdbdtldji_03_enus
			MEAN for FSD Development							
			MEAN for FSD Development: Introduction to the MEAN Stack	1.12						it_fsmeandji_01_enus
			RESTful Services for FSD Development							
			RESTful Services for FSD: Building & Testing RESTful Services	1.38						it_fsapirdji_01_enus
			MERN for FSD Development							
			MERN for FSD Development: The MERN Stack & FSD	1.2						it_fsmemrdji_01_enus

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			Secure Programming for FSD							
			Secure Full Stack Developer Programming	1.25						it_fsspfsdj_01_enus
			Advanced MERN							
			MERN: Advanced MERN Development	1.87						it_fsadmndj_01_enus
			Final Exam: Full Stack Developer	1.5						di_fsd4_a01_fe_enus
			Data Infrastrcure for FSD Development							
			Data Infrastructure: Databases in FSD Development	1.25						it_fsdatadj_01_enus
			Java Spring for FSD Development							
			FSD Development: Java Spring Framework	1.38						it_fsivsqdj_01_enus
			Deploying FSD Projects							
			Deploying FSD Projects: Deployment Overview	1.5						it_fsdpfsddj_01_enus
			FSD CI/CD Pipeline							
			CI/CD Pipelines: Full Stack Developer CI/CD	1.5						it_fsdcicddj_01_enus
			Database Development with a FSD Mindset							
			Advanced Database Security Development							it_fsddfmdj_01_enus
			Security Rules: Rules of Engagement							it_saroeqdj_01_enus
			Final Exam: Security Architect	1.73						di_sasa4_a01_fe_enus
			Programming and Scripting for Security Operations							
			Security Programming: Command Line Essentials	0.97						it_cypqsodj_01_enus
			Security Programming: Code Identification	1.15						it_cypqsodj_02_enus
			Security Programming: Scripting Essentials	1.02						it_cypqsodj_03_enus
			Security Programming: System Essentials	0.95						it_cypqsodj_04_enus
			Machine Learning							
			Linear Regression Models							
			Linear Regression Models: Introduction to Linear Regression	1.32						it_mllrmdj_01_enus
			Linear Regression Models: Building Simple Regression Models with Scikit Learn and Keras	0.7						it_mllrmdj_02_enus
			Linear Regression Models: Multiple and Parsimonious Linear Regression	1.18						it_mllrmdj_03_enus
			Linear Regression Models: An Introduction to Logistic Regression	0.97						it_mllrmdj_04_enus
			Linear Regression Models: Simplifying Regression and Classification with Estimators	0.6						it_mllrmdj_05_enus
			Applying Convolutional Networks to Visual and Recognition Tasks							
			Convo Nets for Visual Recognition: Filters & Feature Mapping in CNN	1.12						it_mlacnvjdj_01_enus
			Convo Nets for Visual Recognition: Computer Vision & CNN Architectures	0.82						it_mlacnvjdj_02_enus
			Gradient Descent and Regularization for Linear Models							
			Linear Models & Gradient Descent: Managing Linear Models	0.8						it_mloaddrj_01_enus
			Linear Models & Gradient Descent: Gradient Descent and Regularization	0.9						it_mloaddrj_02_enus
			Fundamentals of Convolutional Neural Networks							
			ConvNets: Introduction to Convolutional Neural Networks	1.02						it_mlfscndj_01_enus
			ConvNets: Working with Convolutional Neural Networks	0.72						it_mlfscndj_02_enus
			Improving Neural Networks: Regularization and Optimization							
			Improving Neural Networks: Neural Network Performance Management	1.95						it_mlinnrjdj_01_enus
			Improving Neural Networks: Loss Function & Optimization	1.07						it_mlinnrjdj_02_enus
			Improving Neural Networks: Data Scaling & Regularization	1.63						it_mlinnrjdj_03_enus
			Architecting Balance: On-prem, Cloud, and Hybrid							
			Architecting Balance: Designing Hybrid Cloud Solutions	0.95						it_mlabchdj_01_enus
			Architecting Balance: Hybrid Cloud Implementation with AWS & Azure	1.13						it_mlabchdj_02_enus
			Advanced Topics in deep Learning							
			Applied Deep Learning: Unsupervised Data	1.47						it_mlacnndj_01_enus
			Applied Deep Learning: Generative Adversarial Networks and Q-Learning	0.75						it_mlacnndj_02_enus
			Implementing Deep Learning							
			Implementing Deep Learning: Practical Deep Learning Using Frameworks & Tools	1						it_mlbrrmdj_01_enus
			Implementing Deep Learning: Optimized Deep Learning Applications	0.72						it_mlbrrmdj_02_enus
			Refactoring ML/DL Algorithms							
			Refactoring ML/DL Algorithms: Techniques & Principles	1.1						it_mlrmdadi_01_enus
			Refactoring ML/DL Algorithms: Refactor Machine Learning Algorithms	0.98						it_mlrmdadi_02_enus
			Advanced Reinforcement Learning							
			Advanced Reinforcement Learning: Principles	1.22						it_mlarindj_01_enus
			Advanced Reinforcement Learning: Implementation	1.58						it_mlarindj_02_enus
			Modelling Enterprise Services							
			Enterprise Services: Enterprise Machine Learning with AWS	1.23						it_mlmdesdj_01_enus
			Enterprise Services: Machine Learning Implementation on Microsoft Azure	1.22						it_mlmdesdj_02_enus
			Enterprise Services: Machine Learning Implementation on Google Cloud Platform	1.03						it_mlmdesdj_03_enus
			Building & Enterprise-grade Architecture							
			Enterprise Architecture: Architectural Principles & Patterns	1.58						it_mibeqadj_01_enus
			Enterprise Architecture: Design Architecture for Machine Learning Applications	1						it_mibeqadj_02_enus
			Natural Language Processing for ML with Python							
			NLP for ML with Python: NLP Using Python & NLTK	1.05						it_minlpmdj_01_enus
			NLP for ML with Python: Advanced NLP Using spaCy & Scikit-learn	0.68						it_minlpmdj_02_enus
			Final Exam: ML Programmer	1.5						di_mla1_a01_fe_enus
			Bots							
			Understanding and Building Bots							
			Understanding Bots: Chatbot Architecture	0.95						it_sdbots_01_enus
			Understanding Bots: Building Bots with Dialogflow	0.95						it_sdbots_02_enus
			Understanding Bots: Chatbot Advanced Concepts and Features	1.4						it_sdbots_03_enus
			Understanding Bots: Amazon Alexa Skills Development	1.1						it_sdbots_04_enus
			Vue.js							
			Vue.js							

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Vue.js: Getting Started	0.9						it_sdvuej_01_enus
			Vue.js: Working with Components	0.9						it_sdvuej_02_enus
			Vue.js: Component Communication & Routing	1.25						it_sdvuej_03_enus
			Vue.js: Working with Vue State & Data	0.83						it_sdvuej_04_enus
			Vue.js: Working With Forms & Unit Testing	1						it_sdvuej_05_enus
OPERATING SYSTEMS AND SERVER TECHNOLOGIES										
	CompTIA A+									
		CompTIA A+ 220-1002								
			CompTIA A+ 220-1002: System Utilities	0.93						it_cscoat_11_enus
			CompTIA A+ 220-1002: Comparing Common Operating Systems	1.2						it_cscoat_01_enus
			CompTIA A+ 220-1002: Microsoft Operating System Installation & Upgrade	1.07						it_cscoat_02_enus
			CompTIA A+ 220-1002: Microsoft Command Line Tools	1.43						it_cscoat_03_enus
			CompTIA A+ 220-1002: MS Operating System Administrative Tools	1.55						it_cscoat_04_enus
			CompTIA A+ 220-1002: Windows Control Panel Utilities	0.77						it_cscoat_05_enus
			CompTIA A+ 220-1002: Application Installation, Networking, & Tools	1.22						it_cscoat_06_enus
			CompTIA A+ 220-1002: Security Fundamentals	1.35						it_cscoat_07_enus
			CompTIA A+ 220-1002: Critical Security Concepts	1.52						it_cscoat_08_enus
			CompTIA A+ 220-1002: Software Troubleshooting	0.93						it_cscoat_09_enus
			CompTIA A+ 220-1002: Operational Procedures Best Practices	1.4						it_cscoat_10_enus
		CompTIA A+ 220-1001								
			CompTIA A+ 220-1001: Installing Hardware and Display Components	1.08						it_cscoao_01_05_enus
			CompTIA A+ 220-1001: Laptops Features and Mobile Device Types	0.73						it_cscoao_02_04_enus
			CompTIA A+ 220-1001: Accessories and Mobile Device Synchronization	0.83						it_cscoao_03_04_enus
			CompTIA A+ 220-1001: Mobile Device Network Connectivity and Application Support	0.87						it_cscoao_04_05_enus
			CompTIA A+ 220-1001: TCP and UDP ports	1.12						it_cscoao_05_enus
			CompTIA A+ 220-1001: Configuring a Wired/Wireless Network	1.38						it_cscoao_07_enus
			CompTIA A+ 220-1001: Wireless Networking Protocols	0.95						it_cscoao_08_enus
			CompTIA A+ 220-1001: Network Hosts	1.05						it_cscoao_09_enus
			CompTIA A+ 220-1001: Networking	1.15						it_cscoao_06_enus
			CompTIA A+ 220-1001: Implementing Network Concepts	1.53						it_cscoao_10_enus
			CompTIA A+ 220-1001: Network Types	1.13						it_cscoao_11_enus
			CompTIA A+ 220-1001: Networking Tools	0.52						it_cscoao_12_enus
			CompTIA A+ 220-1001: Basic Cable Types	1.25						it_cscoao_13_enus
			CompTIA A+ 220-1001: Connectors	0.6						it_cscoao_14_enus
			CompTIA A+ 220-1001: Random Access Memory	0.67						it_cscoao_15_enus
			CompTIA A+ 220-1001: Storage Solutions	1						it_cscoao_16_enus
			CompTIA A+ 220-1001: Working with Motherboards, CPUs, & Add-On Cards	1.3						it_cscoao_17_enus
			CompTIA A+ 220-1001: Working with Peripheral Devices	1.3						it_cscoao_18_enus
			CompTIA A+ 220-1001: Power Supplies	0.55						it_cscoao_19_enus
			CompTIA A+ 220-1001: Common Devices	0.9						it_cscoao_20_enus
			CompTIA A+ 220-1001: Custom PC configuration	0.6						it_cscoao_21_enus
			CompTIA A+ 220-1001: SOHO Devices	0.68						it_cscoao_22_enus
			CompTIA A+ 220-1001: Printers	0.87						it_cscoao_23_enus
			CompTIA A+ 220-1001: Cloud Computing	1.6						it_cscoao_24_enus
			CompTIA A+ 220-1001: Virtualization	1.08						it_cscoao_25_enus
			CompTIA A+ 220-1001: Resolving Problems	0.58						it_cscoao_26_enus
			CompTIA A+ 220-1001: Troubleshooting	1.23						it_cscoao_27_enus
			CompTIA A+ 220-1001: Troubleshooting Printers	0.83						it_cscoao_28_enus
	CompTIA Server+									
		CompTIA Server+ 2014								
			CompTIA Server+ SK0-004: Server Architecture	1.92						cs_svpf_a01_it_enus
			CompTIA Server+ SK0-004: Server Administration I	2.95						cs_svpf_a02_it_enus
			CompTIA Server+ SK0-004: Server Administration II	1.77						cs_svpf_a03_it_enus
			CompTIA Server+ SK0-004: Storage	1.7						cs_svpf_a04_it_enus
			CompTIA Server+ SK0-004: Security	2.65						cs_svpf_a05_it_enus
			CompTIA Server+ SK0-004: Networking and Disaster Recovery	2.85						cs_svpf_a06_it_enus
			CompTIA Server+ SK0-004: Troubleshooting I	0.95						cs_svpf_a07_it_enus
			CompTIA Server+ SK0-004: Troubleshooting II	2.02						cs_svpf_a08_it_enus
	CompTIA Linux+									
		CompTIA Linux+ 2014 Powered By LPI: LX0-103								
			CompTIA Linux+ 2014 Powered By LPI: LX0-103: System Architecture	2.03						cs_lxps_a01_it_enus
			CompTIA Linux+ 2014 Powered By LPI: LX0-103: Installation and Package Management	1.77						cs_lxps_a02_it_enus
			CompTIA Linux+ 2014 Powered By LPI: LX0-103: GNU and Unix Commands	1.97						cs_lxps_a03_it_enus
			CompTIA Linux+ 2014 Powered By LPI: LX0-103: Advanced GNU and Unix Commands	1.72						cs_lxps_a04_it_enus
			CompTIA Linux+ 2014 Powered By LPI: LX0-103: Devices and Filesystems	2.13						cs_lxps_a05_it_enus
		CompTIA Linux+ 2014 Powered By LPI: LX0-104								
			CompTIA Linux+ 2014 Powered By LPI: LX0-104 Scripting and Administrative Tasks	2.2						cs_lxpt_a01_it_enus
			CompTIA Linux+ 2014 Powered By LPI: LX0-104 Essential System Services	1.85						cs_lxpt_a02_it_enus
			CompTIA Linux+ 2014 Powered By LPI: LX0-104 Networking Fundamentals	1.65						cs_lxpt_a03_it_enus
			CompTIA Linux+ 2014 Powered By LPI: LX0-104 Security, Data, and Accessibility	1.67						cs_lxpt_a04_it_enus
		CompTIA Linux+ XK0-004								
			CompTIA Linux+ XK0-004: Introduction to Linux & the Command Line	1.42						it_linuxp2019tv_01_enus
			CompTIA Linux+ XK0-004: Managing Users & Groups	0.78						it_linuxp2019tv_02_enus
			CompTIA Linux+ XK0-004: File Access & Permissions	0.97						it_linuxp2019tv_03_enus
			CompTIA Linux+ XK0-004: Disk Partitions & File Systems	0.97						it_linuxp2019tv_04_enus
			CompTIA Linux+ XK0-004: Logical Volumes & Filesystem Hierarchy	0.97						it_linuxp2019tv_05_enus

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			CompTIA Linux+ XK0-004: Using vi/vim to Edit Files	0.83						it_linuxp2019tv_06_enus
			CompTIA Linux+ XK0-004: Locating & Manipulating Files	0.9						it_linuxp2019tv_07_enus
			CompTIA Linux+ XK0-004: Searching & Manipulating File Contents	0.98						it_linuxp2019tv_08_enus
			CompTIA Linux+ XK0-004: Boot Process & Kernel	0.97						it_linuxp2019tv_09_enus
			CompTIA Linux+ XK0-004: Graphical User Interfaces	0.52						it_linuxp2019tv_10_enus
			CompTIA Linux+ XK0-004: Managing Services	1.02						it_linuxp2019tv_11_enus
			CompTIA Linux+ XK0-004: Troubleshooting Services	0.68						it_linuxp2019tv_12_enus
			CompTIA Linux+ XK0-004: Managing & Configuring Hardware	0.93						it_linuxp2019tv_13_enus
			CompTIA Linux+ XK0-004: TCP/IP & Networking	1						it_linuxp2019tv_14_enus
			CompTIA Linux+ XK0-004: Troubleshooting Network Connections	0.5						it_linuxp2019tv_15_enus
			CompTIA Linux+ XK0-004: Installing & Managing Software	0.95						it_linuxp2019tv_16_enus
			CompTIA Linux+ XK0-004: Installing Software from Source Code	0.38						it_linuxp2019tv_17_enus
			CompTIA Linux+ XK0-004: Security Best Practices	1.12						it_linuxp2019tv_18_enus
			CompTIA Linux+ XK0-004: SELinux & AppArmor	1.05						it_linuxp2019tv_19_enus
			CompTIA Linux+ XK0-004: Network Firewall & Traffic Filtering	0.85						it_linuxp2019tv_20_enus
			CompTIA Linux+ XK0-004: Backup & Restore	0.6						it_linuxp2019tv_21_enus
			CompTIA Linux+ XK0-004: Scheduling Tasks	0.73						it_linuxp2019tv_23_enus
			CompTIA Linux+ XK0-004: Git Version Control	0.45						it_linuxp2019tv_24_enus
			CompTIA Linux+ XK0-004: Installing CentOS	0.8						it_linuxp2019tv_25_enus
			CompTIA Linux+ XK0-004: Installing Ubuntu	0.57						it_linuxp2019tv_26_enus
			CompTIA Linux+ XK0-004: Bourne-again Shell & Scripting	1.08						it_linuxp2019tv_22_enus
			Microsoft SharePoint Server 2016							
			Managing Microsoft SharePoint Server 2016: 70-339							
			Planning and Installing SharePoint 2016	1.8						os_shits_a01_it_enus
			SharePoint 2016 Taxonomy and Search	2						os_shits_a02_it_enus
			SharePoint 2016 Security	1.82						os_shits_a03_it_enus
			SharePoint 2016 Service Applications	3.2						os_shits_a04_it_enus
			Interconnecting SharePoint 2016	2.8						os_shits_a05_it_enus
			SharePoint 2016 Content Management	2.4						os_shits_a06_it_enus
			Ensuring SharePoint 2016 Stability	2.02						os_shits_a07_it_enus
			Monitor, Tune, and Troubleshoot SharePoint 2016	2.4						os_shits_a08_it_enus
			Upgrading and Updating SharePoint 2016	1.3						os_shits_a09_it_enus
			Microsoft Exchange Server 2016							
			Designing and Deploying Exchange Server 2016							
			Planning for and Deploying Mailbox Servers	2.32						os_extc_a01_it_enus
			Collaboration in Exchange 2016	2.18						os_extc_a02_it_enus
			Recovery Strategies And Client Access Services	2.23						os_extc_a03_it_enus
			Security Strategies	2.17						os_extc_a04_it_enus
			Design and Secure Remote Access and Multiple Namespaces Solutions	1.72						os_extc_a05_it_enus
			Understanding Mailflow and Auditing	1.35						os_extc_a06_it_enus
			Message Records Management	1.7						os_extc_a07_it_enus
			Exchange 2016 Migration, Federation, and Sharing	1.8						os_extc_a08_it_enus
			Server 2016: Networking - 2018 Update							
			Server 2016: Networking: IPv4 & IPv6 Address Management	1.02						it_oscsat_01_enus
			Server 2016: Networking: DHCP Configuration	0.7						it_oscsat_02_enus
			Server 2016: Networking: DHCP Management	0.92						it_oscsat_03_enus
			Server 2016: Networking: DNS Configuration	1.33						it_oscsat_04_enus
			Server 2016: Networking: DNS Zones & Records	1.37						it_oscsat_05

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			Microsoft Windows Server 2012 R2 - Installing and Configuring: Networking	1.5						ws icfh b05 it enus
			Microsoft Windows Server 2012 R2 - Installing and Configuring: DNS	1						ws icfh b06 it enus
			Microsoft Windows Server 2012 R2 - Installing and Configuring: Active Directory	2.5						ws icfh b07 it enus
			Microsoft Windows Server 2012 R2 - Installing and Configuring: AD Groups & GPOs	2						ws icfh b08 it enus
			Microsoft Windows Server 2012 R2 - Installing and Configuring: Security	2.5						ws icfh b09 it enus
		Microsoft Windows Server 2012 R2: Administration								
			Microsoft Windows Server 2012 R2 - Administration: Deploying and Managing WDS	1						ws admo b01 it enus
			Microsoft Windows Server 2012 R2 - Administration: Updating and Monitoring	1.5						ws admo b02 it enus
			Microsoft Windows Server 2012 R2 - Administration: File Services and Encryption	2.5						ws admo b03 it enus
			Microsoft Windows Server 2012 R2 - Administration: Network Services and Access	2						ws admo b04 it enus
			Microsoft Windows Server 2012 R2 - Administration: RADIUS, NPS, and NAP	1.82						ws admo b05 it enus
			Microsoft Windows Server 2012 R2 - Administration: Service Accounts and Policies	1.55						ws admo b06 it enus
			Microsoft Windows Server 2012 R2 - Administration: Managing Active Directory	2.5						ws admo b07 it enus
			Microsoft Windows Server 2012 R2 - Administration: Group Policy Processing	2.17						ws admo b08 it enus
			Microsoft Windows Server 2012 R2 - Administration: Managing GPOs and Preferences	1						ws admo b09 it enus
		Microsoft Windows Server 2012 R2: Configuring Advanced Services								
			Microsoft Windows Server 2012 R2 - Configuring Advanced Services: HA	2						ws cfat b01 it enus
			Microsoft Windows Server 2012 R2 - Configuring Advanced Services: VMs and DR	2.5						ws cfat b02 it enus
			Microsoft Windows Server 2012 R2 - Configuring Advanced Services: Storage	1						ws cfat b03 it enus
			Microsoft Windows Server 2012 R2 - Configuring Advanced Services: DAC	1.5						ws cfat b04 it enus
			Microsoft Windows Server 2012 R2 - Configuring Advanced Services: DHCP & DNS	1.5						ws cfat b05 it enus
			Microsoft Windows Server 2012 R2 - Configuring Advanced Services: AD Domains	1						ws cfat b06 it enus
			Microsoft Windows Server 2012 R2 - Configuring Advanced Services: AD Replication	1.5						ws cfat b07 it enus
			Microsoft Windows Server 2012 R2 - Configuring Advanced Services: PKI	1.5						ws cfat b08 it enus
			Microsoft Windows Server 2012 R2 - Configuring Advanced Services: Federation	2						ws cfat b09 it enus
		Microsoft Windows Server 2012 R2: Implementing an Advanced Infrastructure								
			Microsoft Windows Server 2012 R2 - Advanced Infrastructure: Updates	1.5						ws adin b01 it enus
			Microsoft Windows Server 2012 R2 - Advanced Infrastructure: VM hosts and guests	2.5						ws adin b02 it enus
			Microsoft Windows Server 2012 R2 - Advanced Infrastructure: Storage and Networks	1.5						ws adin b03 it enus
			Microsoft Windows Server 2012 R2 - Advanced Infrastructure: VM Administration	1						ws adin b04 it enus
			Microsoft Windows Server 2012 R2 - Advanced Infrastructure: Clustering and NLB	2.5						ws adin b05 it enus
			Microsoft Windows Server 2012 R2 - Advanced Infrastructure: Business Continuity	2.03						ws adin b06 it enus
			Microsoft Windows Server 2012 R2 - Advanced Infrastructure: Monitoring	2						ws adin b07 it enus
			Microsoft Windows Server 2012 R2 - Advanced Infrastructure: Certificate Services	1.5						ws adin b08 it enus
			Microsoft Windows Server 2012 R2 - Advanced Infrastructure: AD RMS and AD FS	2.5						ws adin b09 it enus
		Microsoft Windows Server 2012 R2: Designing and Implementing an Infrastructure								
			Microsoft Windows Server 2012 R2: Server Infrastructure - AD Design	2						ws imin b01 it enus
			Microsoft Windows Server 2012 R2: Server Infrastructure - AD DS	2						ws imin b02 it enus
			Microsoft Windows Server 2012 R2: Server Infrastructure - OU and Group Policy	3						ws imin b03 it enus
			Microsoft Windows Server 2012 R2: Server Infrastructure - Server Deployment	2.5						ws imin b04 it enus
			Microsoft Windows Server 2012 R2: Server Infrastructure - DHCP Design	1.5						ws imin b05 it enus
			Microsoft Windows Server 2012 R2: Server Infrastructure - DNS, File and Storage	2.5						ws imin b06 it enus
			Microsoft Windows Server 2012 R2: Server Infrastructure - IPAM and VPN	2						ws imin b07 it enus
			Microsoft Windows Server 2012 R2: Server Infrastructure - DirectAccess	2						ws imin b08 it enus
			Microsoft Windows Server 2012 R2: Server Infrastructure - Network Protection	1.5						ws imin b09 it enus
			Microsoft Windows Server 2012 R2: Server Infrastructure - Implement NPS and WAP	1.5						ws imin b10 it enus
	UNIX Essentials									
		Unix Essentials								
			Installing Unix	0.67						lu unop a01 it enus
			The Unix Command Line and GUI	0.9						lu unop a02 it enus
			Creating and Managing Unix File Systems	0.93						lu unop a03 it enus
			Users, Groups, and Authentication	0.88						lu unop a04 it enus
			Securing Unix Systems	1.08						lu unop a05 it enus
			Unix Software Management	0.37						lu unop a06 it enus
			Configuring Network Services	1						lu unop a07 it enus
			Shell Scripting	0.98						lu unop a08 it enus
			Unix Hardening and Maintenance	0.57						lu unop a09 it enus
	VMware									
		VMware vSphere 6 Install, Configure, Manage: Part 2								
			VMware vSphere 6 Install, Configure, Manage - Part 2: vSphere 6 Clustering	1.67						vi vhpp a01 it enus
			VMware vSphere 6 Install, Configure, Manage - Part 2: vSphere 6 DRS	1.25						vi vhpp a02 it enus
			VMware vSphere 6 Install, Configure, Manage - Part 2: vSphere 6 Monitoring	1.63						vi vhpp a03 it enus
			VMware vSphere 6 Install, Configure, Manage - Part 2: vSphere 6 Design	1.55						vi vhpp a04 it enus
			VMware vSphere 6 Install, Configure, Manage - Part 2: vSphere 6 Updating	1.65						vi vhpp a05 it enus
			VMware vSphere 6 Install, Configure, Manage - Part 2: vSphere 6 Upgrading	1.38						vi vhpp a06 it enus
		VMware vSphere 6 Install, Configure, Manage: Part 1								
			VMware vSphere 6 Install, Configure, Manage - Part 1: vSphere 6 Overview	1.85						vi vhprr a01 it enus
			VMware vSphere 6 Install, Configure, Manage - Part 1: vSphere Installation	1.98						vi vhprr a02 it enus
			VMware vSphere 6 Install, Configure, Manage - Part 1: Virtual Networks	2.07						vi vhprr a03 it enus
			VMware vSphere 6 Install, Configure, Manage - Part 1: Storage and VMs	2.27						vi vhprr a04 it enus
		VMware Workstation 11 Fundamentals								
			Installing and Configuring VMware Workstation 11	2.45						vi vmsu a01 it enus
			Creating and Configuring Virtual Machines in VMware Workstation 11	3.23						vi vmsu a02 it enus
			Managing Virtual Machine Devices and Resources in VMware Workstation 11	1.97						vi vmsu a03 it enus
			VMware Workstation 11 Networking and Remote Connectivity	1.73						vi vmsu a04 it enus
		VMware NSX Network Virtualization								

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			VMware NSX Network Virtualization: Technology and Architecture	3.12						cl vmnv a01 it enus
			VMware NSX Network Virtualization: Physical Infrastructure Requirements	1.58						cl vmnv a02 it enus
			VMware NSX Network Virtualization: Configuring vSphere Networking	2.33						cl vmnv a03 it enus
			VMware NSX Network Virtualization: Installing and Upgrading	2.33						cl vmnv a04 it enus
			VMware NSX Network Virtualization: Configuring NSX Virtual Networks	2.07						cl vmnv a05 it enus
			VMware NSX Network Virtualization: NSX Network Services	2.35						cl vmnv a06 it enus
			VMware NSX Network Virtualization: NSX Network Security	1.43						cl vmnv a07 it enus
			VMware NSX Network Virtualization: NSX Operations	2.57						cl vmnv a08 it enus
		VMware Overview								
			VMware Desktop Virtualization Overview	2.3						cl vmov a01 it enus
			VMware Data Center Virtualization Overview	1.85						cl vmov a02 it enus
			VMware Business Mobility Solutions	1.45						cl vmov a03 it enus
			VMware Cloud Services Solutions	1.93						cl vmov a04 it enus
		VMware Certified Cloud Associate								
			VMware VCA: Cloud Overview	1.67						cl vcca a01 it enus
			VMware VCA: vRealize Automation and vRealize Operations Manager	1.45						cl vcca a02 it enus
			VMware VCA: vCloud Connector and vSphere	1.72						cl vcca a03 it enus
		VMware Certified Cloud Professional								
			Install and Configure vRealize Suite	2.58						cl vccp a01 it enus
			Configure and Manage Users and Groups in vRealize Automation	1.43						cl vccp a02 it enus
			Create and Administer Cloud Networking	1.6						cl vccp a03 it enus
			Manage vRealize Automation Resources	0.48						cl vccp a04 it enus
			Administer vRealize Automation Components	1.3						cl vccp a05 it enus
			Administer vRealize Orchestrator and Troubleshoot Automation Implementation	1.2						cl vccp a06 it enus
			Configure and Administer vRealize Business Standards and Application Services	1						cl vccp a07 it enus
		Exploring VMware vSphere 6.5								
			ESXi	0.4						vi exvm a01 it enus
			Virtual Machines	0.43						vi exvm a02 it enus
			vCenter	0.85						vi exvm a03 it enus
			Clustering with VMWare 6.5	0.87						vi exvm a04 it enus
		VMware vSphere 6.5: Install, Configure, & Manage								
			vSphere 6.5 Overview	0.7						vi vicm a01 it enus
			vSphere 6.5 Installation	1.32						vi vicm a02 it enus
			vSphere 6.5 Virtual Machine Creation	0.9						vi vicm a03 it enus
			vSphere 6.5 Networking	1.33						vi vicm a04 it enus
			vSphere 6.5 Storage	1.42						vi vicm a05 it enus
			vSphere 6.5 Virtual Machine Management	1.3						vi vicm a06 it enus
			vSphere 6.5 High Availability Clusters	1.6						vi vicm a07 it enus
			vSphere 6.5 Distributed Resource Scheduler (DRS)	1.2						vi vicm a08 it enus
			vSphere 6.5 Resource Management	1.13						vi vicm a09 it enus
			vSphere 6.5 Monitoring and Compliance	1.58						vi vicm a10 it enus
			vSphere 6.5 Update Manager	1.22						vi vicm a11 it enus
			Final Exam: VMware vSphere 6.5: Install, Configure, & Manage	1.5						vi vicm a01 fe enus
	Office 365									
		MS-101 - Microsoft 365 Mobility and Security								
			Microsoft 365 Mobility & Security: Implementing Mobile Device Management	1.73						it clo3ms 01 enus
			MS-101 - Microsoft 365 Mobility & Security: Managing Device Compliance	1.63						it clo3ms 02 enus
			MS-101 - Microsoft 365 Mobility & Security: Devices & Apps	1.45						it clo3ms 03 enus
			MS-101 - Microsoft 365 Mobility & Security: Windows 10 Deployment	1.48						it clo3ms 04 enus
			MS-101 - Microsoft 365 Mobility & Security: Cloud App Security	1.57						it clo3ms 05 enus
			MS-101 - Microsoft 365 Mobility & Security: Windows Defender Threat Protection	1.18						it clo3ms 06 enus
			MS-101 - Microsoft 365 Mobility & Security: Threat Management	1.65						it clo3ms 07 enus
			MS-101 - Microsoft 365 Mobility & Security: Security Reports & Alerts	0.88						it clo3ms 08 enus
			MS-101 - Microsoft 365 Mobility & Security: Data Loss Prevention	0.92						it clo3ms 09 enus
			MS-101 - Microsoft 365 Mobility & Security: Azure Information Protection	1.2						it clo3ms 10 enus
			MS-101 - Microsoft 365 Mobility & Security: Data Governance	1.55						it clo3ms 11 enus
			MS-101 - Microsoft 365 Mobility & Security: Auditing	1.13						it clo3ms 12 enus
			MS-101 - Microsoft 365 Mobility & Security: eDiscovery	1.82						it clo3ms 13 enus
	Windows PowerShell									
		Microsoft PowerShell and Exchange Server								
			Microsoft PowerShell and Exchange Server: Getting Started	1.97						mw pses a01 it enus
			Microsoft PowerShell and Exchange Server: Managing Mailboxes	1.9						mw pses a02 it enus
			Microsoft PowerShell and Exchange Server: Distribution Groups and Databases	2.18						mw pses a03 it enus
		Microsoft PowerShell and SharePoint								
			Microsoft PowerShell and SharePoint: Getting Started	3.28						mw pssp a01 it enus
			Microsoft PowerShell and SharePoint: Managing Sites	3.13						mw pssp a02 it enus
		Microsoft PowerShell and SQL Server								
			Microsoft PowerShell and SQL Server: Introduction	2.35						mw pssq a01 it enus
			Microsoft PowerShell and SQL Server: Database Management	2.48						mw pssq a02 it enus
		Microsoft PowerShell for Windows								
			Microsoft PowerShell for Windows: Getting Started with PowerShell	2.65						mw psws a01 it enus
			Microsoft PowerShell for Windows: Aliases, Providers, and Objects	2.57						mw psws a02 it enus
			Microsoft PowerShell for Windows: Remoting and Modules	2.63						mw psws a03 it enus
		Windows PowerShell Desired State Configuration								
			Windows PowerShell Desired State Configuration Fundamentals	3.32						mw pscf a01 it enus
		Advanced PowerShell Desired State Configuration								

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			Advanced PowerShell Desired State Configuration: Writing Custom Resources	2.82						os apds a01 it enus
			Advanced PowerShell Desired State Configuration: Advanced Configuration	1.97						os apds a02 it enus
		Microsoft Lync Server 2013								
		Microsoft Lync Server 2013								
			Microsoft Lync Server 2013: Administration and Data Resiliency Overview	1.88						es lyct a01 it enus
			Microsoft Lync Server 2013: Configuration and Maintenance	2.32						es lyct a02 it enus
		Microsoft Windows 10								
		Microsoft Windows 10: Exploring the Technical Preview								
			First Encounters with Windows 10	0.77						rnw wtp a01 it enus
		Microsoft Windows 10 End User First Look								
			Microsoft Windows 10 First Look: Interface and New Features	0.7						rnw wtl a01 it enus
			Microsoft Windows 10 First Look: Configuration	0.55						rnw wtl a02 it enus
		Windows 10 Creators Update New Features								
			Introducing the Windows 10 Creators Update	0.87						os wcun a01 it enus
			Windows Store, Security, and Browsing	0.83						os wcun a02 it enus
			Web Browsing and Cortana	0.95						os wcun a03 it enus
			Windows Ink and Paint 3D	0.95						os wcun a04 it enus
			Apps and Gaming	0.65						os wcun a05 it enus
		MD-100 - Windows 10								
			MD-100 - Windows 10: Active Directory Management	2						it oswinten 01 enus
			MD-100 - Windows 10: Prepare for Deployment	1.1						it oswinten 02 enus
			MD-100 - Windows 10: Deployment	1.07						it oswinten 03 enus
			MD-100 - Windows 10: Perform Post-Installation Configuration	0.9						it oswinten 04 enus
			MD-100 - Windows 10: Manage Devices & Data	1.38						it oswinten 05 enus
			MD-100 - Windows 10: Policy-Based Management	1.2						it oswinten 06 enus
			MD-100 - Windows 10: Configure Networking	0.82						it oswinten 07 enus
			MD-100 - Windows 10: Configure Remote Connectivity	1.22						it oswinten 08 enus
			MD-100 - Windows 10: Configure System & Data Recovery	1.27						it oswinten 09 enus
			MD-100 - Windows 10: Manage Updates	1.18						it oswinten 10 enus
			MD-100 - Windows 10: Monitor a& Manage Windows	1.22						it oswinten 11 enus
		MD-101: Managing Modern Desktops								
			MD-101 - Managing Modern Desktops: Dynamic Deployments	1.05						it oswin10md 01 enus
			MD-101 - Managing Modern Desktops: Windows Autopilot	1						it oswin10md 02 enus
			MD-101 - Managing Modern Desktops: Upgrading Devices	0.98						it oswin10md 03 enus
			MD-101 - Managing Modern Desktops: Managing Updates	1.08						it oswin10md 04 enus
			MD-101 - Managing Modern Desktops: Device Authentication	1.28						it oswin10md 05 enus
			MD-101 - Managing Modern Desktops: Co-Management	0.77						it oswin10md 06 enus
			MD-101 - Managing Modern Desktops: Conditional Access & Compliance	1.18						it oswin10md 07 enus
			MD-101 - Managing Modern Desktops: Device Profiles	1.03						it oswin10md 08 enus
			MD-101 - Managing Modern Desktops: User Profiles	0.85						it oswin10md 09 enus
			MD-101 - Managing Modern Desktops: Windows Defender	1.48						it oswin10md 10 enus
			MD-101 - Managing Modern Desktops: Intune Device Enrollment	1.03						it oswin10md 11 enus
			MD-101 - Managing Modern Desktops: Monitoring Devices	0.67						it oswin10md 12 enus
			MD-101 - Managing Modern Desktops: Deploy & Update Applications	1.12						it oswin10md 13 enus
			MD-101 - Managing Modern Desktops: Mobile Application Management	1.1						it oswin10md 14 enus
		Windows 10 2019								
			Windows 10: Exploring the May 2019 Update	0.77						ds w10m19 01 enus
		Modern Operating System Deployment Strategies								
			OS Deployment Strategies: Upgrading & Maintaining Systems	1.3						it sremosdedj 01 enus
			OS Deployment Strategies: Deploying Modern Systems	0.73						it sremosdedj 02 enus
			OS Deployment Strategies: Maintaining and Managing Modern Systems	0.83						it sremosdedj 03 enus
		Microsoft Internet Information Services 8.5								
		Microsoft Internet Information Services								
			Installing and Configuring a Microsoft IIS Server Service	2.03						ws inis a01 it enus
		DevOps								
		Using Docker								
			Using Docker: Benefits and Installation	1.95						os dock a01 it enus
			Using Docker: Dockerizing Applications	2.03						os dock a02 it enus
			Using Docker: Customizing and Clustering	2.07						os dock a03 it enus
		Using Vagrant								
			Using Vagrant: Introduction	1.83						os vaqr a01 it enus
			Using Vagrant: Configuration	2						os vaqr a02 it enus
		Docker – Beyond the Basics								
			Docker Configuration and Management	2.47						os doad a01 it enus
			Working with Docker Machine, Security, and APIs	2.18						os doad a02 it enus
		Performance Engineering								
			Introduction to Application Performance Engineering	2.18						os peen a01 it enus
			Java Application Performance Analysis Tools	0.7						os peen a02 it enus
			IBM Pattern Modeling Analysis Tool	0.65						os peen a03 it enus
			Heap, Thread, and Monitor Dump Analyzer	0.82						os peen a04 it enus
			IBM Memory Analyzer and Visualizer	1.32						os peen a05 it enus
			ANTS Performance Profiler	1.5						os peen a06 it enus
			Performance Analyzer Features	1.12						os peen a07 it enus
		Vagrant Development Environments								
			Advanced Provisioning in Vagrant	2.13						os vaad a01 it enus
			Vagrant Advanced Administration	2.03						os vaad a02 it enus

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			HP LoadRunner 12 Essentials							
			HP LoadRunner 12 Essentials: Working with VuGen	1.2						os lrte a01 it enus
			HP LoadRunner 12 Essentials: Enhancing Vuser Scripts	1						os lrte a02 it enus
			HP LoadRunner 12 Essentials: Working with Controller and Analysis	1.73						os lrte a03 it enus
			Fundamentals of DevOps							
			DevOps Methodologies and Development	1.22		1.25				os_dops a01 it enus
			DevOps Management and Capabilities	1.35		1.25				os_dops a02 it enus
			DevOps Testing and Delivery	1.78		1.75				os_dops a03 it enus
			Docker for Windows Server							
			Docker Introduction	1.12						os dkws a01 it enus
			Docker and Windows	0.68						os dkws a02 it enus
			Docker Installation and Management	1.37						os dkws a03 it enus
			Docker Programmatic Access	0.65						os dkws a04 it enus
			Kubernetes and Application Containers							
			Introduction to Kubernetes	1.35						os kube a01 it enus
			Kubernetes on Google Cloud Platform	0.97						os kube a02 it enus
			Kubernetes Concepts	2.48						os kube a03 it enus
			Kubernetes Clusters	1.92						os kube a04 it enus
			Kubernetes API and Components	1.28						os kube a05 it enus
			PowerShell for Server 2016							
			Introduction to PowerShell 5.0	0.62						os psws a01 it enus
			PowerShell 5.0 Cmdlet Structure and Help	0.5						os psws a02 it enus
			PowerShell 5.0 Syntax, Help, and Conditionals	0.67						os psws a03 it enus
			PowerShell 5.0 Aliases, Providers, and Objects	1.07						os psws a04 it enus
			PowerShell 5.0 Remote Management	1.03						os psws a05 it enus
			PowerShell 5.0 Output Formatting, Modules, and Customization	0.55						os psws a06 it enus
			PowerShell 5.0 Configuration, Advanced Help, and Queries	1.15						os psws a07 it enus
			PowerShell 5.0 Desired State Configuration (DSC)	0.77						os psws a08 it enus
			PowerShell 5.0 Local Configuration Manager (LCM)	0.7						os psws a09 it enus
			PowerShell 5.0 DSC Resources	0.93						os psws a10 it enus
			PowerShell 5.0 DSC, Configurations, and Repositories	0.58						os psws a11 it enus
			PowerShell 5.0 Resource Creation and Configuration	0.83						os psws a12 it enus
			PowerShell 5.0 DSC and Azure	0.62						os psws a13 it enus
			PowerShell 5.0 DSC with Linux and JEA	0.8						os psws a14 it enus
			Automation with Terraform							
			Introduction to Automation with Terraform	1.33						sd terr a01 it enus
			Terraform Configurations	1.25						sd terr a02 it enus
			Terraform Infrastructure	1.08						sd terr a03 it enus
			Terraform Provisioning and Modules	0.77						sd terr a04 it enus
			Terraform Variables	0.88						sd terr a05 it enus
			Mastering DevOps with Chef							
			First Steps with Chef	1.33						os doch a01 it enus
			Chef Server Basics	1.3						os doch a02 it enus
			Community Cookbooks and Chef Server Patterns	1.33						os doch a03 it enus
			Test-driven Cookbooks	1.42						os doch a04 it enus
			Elasticsearch Development							
			ELK Operations on the Cloud	1.6						os doek a01 it enus
			Logstash for Data Ingestion in Elasticsearch	1.38						os doek a02 it enus
			Elasticsearch Data Management	1.2						os doek a03 it enus
			Visualization Using Kibana	1.15						os doek a04 it enus
			Kibana and Reporting Capabilities	1.1						os doek a05 it enus
			Mastering DevOps with Jenkins							
			Jenkins 2 Nuts and Bolts	1.33						os dojk a01 it enus
			Creating Application Builds	1.38						os dojk a02 it enus
			Testing and Continuous Integration	1.33						os dojk a03 it enus
			Jenkins Administration	0.92						os dojk a04 it enus
			Mastering DevOps with JavaScript							
			JavaScript Operators, Arrays, and Functions	1.68						os dois a01 dt enus
			JavaScript Objects and Event Handlers	1.03						os dois a02 dt enus
			Master DevOps with Puppet							
			Building the Puppet Environment	0.97						os dopu a01 it enus
			Configuring the Puppet Master and Puppet Agent	1.2						os dopu a02 it enus
			Configuring Puppet Environments and Managing Files	0.87						os dopu a03 it enus
			Puppet Refactoring Patterns	0.95						os dopu a04 it enus
			Mastering DevOps with Python							
			Python Fundamentals	1.52						os dopy a01 it enus
			Python Data Processing	0.9						os dopy a02 it enus
			Python Applications	1.17						os dopy a03 it enus
			Mastering DevOps with Splunk							
			Using Splunk for Data Analysis	1.17						os dosk a01 it enus
			Mastering Docker for DevOps							
			Docker Containers, Images, and Swarms	1.57						os dodk a01 it enus
			Managing Stacks and Application Deployment	1.47						os dodk a02 it enus
			Shell Scripting Essentials							
			Introduction to Bash Scripting	1.47						os doss a01 it enus
			Bash Scripting Flow Control and Data Types	1.43						os doss a02 it enus
			Bash Advanced Scripting and File I/O	1.22						os doss a03 it enus

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		RabbitMQ	Automation Using Bash and Expect	1.07						ps doss a04 it enus
			Introduction to RabbitMQ	1.38						sd ramq a01 it enus
			Message Handling and Clustering in RabbitMQ	1.28						sd ramq a02 it enus
			Configuration and Troubleshooting in RabbitMQ	1.48						sd ramq a03 it enus
		Automating Your IT Infrastructure								
			IT Infrastructure Automation: Python Automation Programming	1.62						it osaiti 02 enus
			IT Infrastructure Automation: Text File Processing and RegEx	1.62						it osaiti 03 enus
			IT Infrastructure Automation: Version Control and GIT	1.45						it osaiti 04 enus
			IT Infrastructure Automation: Introduction to Automation	1.18						it osaiti 01 enus
			IT Infrastructure Automation: Automation and Scalability	0.82						it osaiti 05 enus
			IT Infrastructure Automation: Automated Monitoring	0.6						it osaiti 06 enus
		DevOps with Ansible and SaltStack								
			DevOps with Ansible: Overview	0.77						it doanss 01 enus
			DevOps with Ansible: Introduction to Playbooks and Testing	1.13						it doanss 02 enus
			DevOps with Ansible: Working with Ansible Features	1.2						it doanss 03 enus
			DevOps with Saltstack: Overview	0.68						it doanss 04 enus
			DevOps with Saltstack: Configuration and Components	0.73						it doanss 05 enus
			DevOps with Saltstack: Remote Execution & State System	1.02						it doanss 06 enus
		Exploring the DevOps Mindset								
			DevOps Mindset: DevOps Principles & Implementation Approach	1.2						it doexdodi 01 enus
			DevOps Mindset: DevOps Implementation Using Tools	1.17						it doexdodi 02 enus
		The Language of DevOps								
			The Language of DevOps: DevOps Principles & Practices	1.28		1.25				it dodovcdi 01 enus
			The Language of DevOps: DevOps Tools & Processes	1.05		1				it dodovcdi 02 enus
		DevOps Collaboration Tools								
			DevOps Collaboration Tools: Tools for Continuous Integration	1.2						it dodoctdi 01 enus
			DevOps Collaboration Tools: Tools for Continuous Delivery	0.88						it dodoctdi 02 enus
			Final Exam: Enterprise Developer	1.5						di doe1 a01 fe enus
		Using Git for DevOps								
			Using Git for DevOps: Using Git Effectively	1.1						it doaitdi 01 enus
			Using Git for DevOps: Managing Conflict & Effectively Using Git Workflow	0.98						it doaitdi 02 enus
		Software Testing for DevOps								
			Software Testing for DevOps: Testing & DevOps Overview	0.75						it atstfddi 01 enus
			Software Testing for DevOps: DevOps Testing Pipeline	1.02						it atstfddi 02 enus
			Software Testing for DevOps: DevOps Test Tools	0.92						it atstfddi 03 enus
			Final Exam: Software Tester	0.02						it fedat 01 enus
		Using Ansible for DevOps								
			Ansible: Ansible for DevOps Provisioning	1.03						it doansidi 01 enus
			Ansible: Continuous Delivery and Monitoring Using Ansible Playbook and Tower	0.8						it doansidi 02 enus
		Using Puppet for DevOps								
			Puppet for DevOps: Installing & Working with Puppet Components	1.17						it dopuppdj 01 enus
			Puppet for DevOps: Working with Puppet Bolt & Continuous Delivery for PE	1.08						it dopuppdj 02 enus
		Using SaltStack for DevOps								
			SaltStack for DevOps: Working with SaltStack Components	1.05						it dostskdj 01 enus
			SaltStack for DevOps: Configuration Management with SaltStack	0.83						it dostskdj 02 enus
		Navigating Software Testing Tools								
			Navigating Software Testing Tools: Types of Software Testing Tools	0.93						it atnsfddi 01 enus
		Using Docker for DevOps								
			Using Docker for DevOps: Introduction to Docker	1.13						it dodokcdi 01 enus
			Using Docker for DevOps: Configuring Docker for Continuous Delivery	0.85						it dodokcdi 02 enus
		DevOps Failing the Smart Way								
			DevOps Smart Failure: Fail Fast & DevOps	0.97						it doatfddi 01 enus
		Using Chef for DevOps								
			Chef for DevOps: Managing Infrastructure Using Chef	1.13						it dochefdj 01 enus
			Chef for DevOps: Automate Infrastructure Using Chef Tools & Templates	1.43						it dochefdj 02 enus
		Using Jenkins for DevOps								
			Jenkins for DevOps: Jenkins Configuration for DevOps	1.02						it doienkdj 01 enus
			Jenkins for DevOps: Automated Testing & Advanced Jobs Using Jenkins	1.13						it doienkdj 02 enus
		Exploring Continuous Integration								
			Exploring CI: Continuous Integration & CI Tools	0.82						it atexcidi 01 enus
		Choosing DevOps Tools								
			DevOps Tools: Selecting the Right Tools	1.83						it dochtldi 01 enus
			Final Exam: DevOps Developer	1.5						di doe2 a01 fe enus
		Implementing CI/CD for DevOps								
			CI/CD Implementation for DevOps	1.47						it docicddi 01 enus
		Implementing DevOps Automation								
			DevOps Automation: Delivery Mechanisms	0.82						it doiadodj 02 enus
			DevOps Automation: Configuration Management	0.98						it doiadodj 01 enus
		Taking DevOps to the Next Level with Docker								
			DevOps with Docker: Container Management	0.88						it dodkaddj 01 enus
			DevOps with Docker: Implementing DevOps Using Docker	1.18						it dodkaddj 02 enus
			DevOps with Docker: Management in the Cloud	1.12						it dodkaddj 03 enus
			Final Exam: DevOps Engineer	1.5						di doe4 a01 fe enus
		DevOps Cloud Automation								
			DevOps Cloud Automation: AWS DevOps Tools	1.15						it dodocadi 01 enus
			DevOps Cloud Automation: Advanced AWS Pipelines and DevOps Using Azure	1.48						it dodocadi 02 enus

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			DevOps Cloud Automation: DevOps with Google Cloud Platform	0.68						it_dodocadi_03_enus
			Final Exam: DevOps Lead	1.5						di_doe3_a01_fe_enus
		Docker for the DevOps Enterprise								
			Enterprise DevOps with Docker	1.3						it_dodketdj_01_enus
		Best Practices for DevOps Implementation								
			Best Practices for DevOps Implementation	1.52						it_dodsbpdj_01_enus
		DevOps Continuous Feedback								
			DevOps Continuous Feedback: Implementing Continuous Feedback	1.52						it_doemcfdi_01_enus
			DevOps Continuous Feedback: Loop Tools	1.5						it_doemcfdi_02_enus
		DevOps Security Considerations								
			DevOps Security Considerations: Securing DevOps Pipeline	0.92						it_dosecdi_01_enus
			DevOps Security Considerations: DevSecOps Principles	0.95						it_dosecdi_02_enus
		DevOps Continuous Testing								
			DevOps Continuous Testing: Testing Approaches	0.93						it_dodocndi_01_enus
			DevOps Continuous Testing: Testing Methodologies	0.77						it_dodocndi_02_enus
		Scaling DevOps for the Enterprise								
			Scaling DevOps: Pipelines at Scale	1.18						it_doscdodi_01_enus
			Scaling DevOps: Infrastructure at Scale	1.33						it_doscdodi_02_enus
		Scaling Automated Testing with Kubernetes								
			Kubernetes & Automation Testing	1.13						it_atsatkdi_01_enus
		Using Docker for Automated Testing								
			Automated Testing with Docker	1						it_atdkatdi_01_enus
			Final Exam: QA Specialist	0.02						it_fedat_02_enus
		Promoting DevOps Discipline								
			Promoting DevOps Discipline: DevOps Practices for the Enterprise	1.33						it_copdvddj_01_enus
		The DevOps Mindset								
			Adopting the DevOps Mindset	1.13						it_codmstdj_01_enus
			Final Exam: DevOps Engineer	0.02						it_fedeca_01_enus
		Azure and DevOps								
			CloudOps with Azure DevOps Tools	1.23						it_coazdvdi_01_enus
		DevOps in Continuous Delivery and Continuous Integration								
			Adopting the DevOps CI/CD Paradigm	1.67						it_codvcddi_01_enus
		CI/CD Best Practices for Automated Testing								
			CI/CD Best Practices: Applying Automated Testing	1.15						it_atccatdi_01_enus
		DevOps Automation Strategies and Design Patterns								
			Applying Design Patterns in DevOps & CloudOps Automation	1.42						it_codasddi_01_enus
		The DevOps Automation Architect								
			Adopting IT Automation	1.17						it_codoardj_01_enus
			Final Exam: DevOps Automation Architect	0.02						it_fedeca_02_enus
		Docker In Multi-Cloud Environments								
			Docker & Multi-cloud: Managing Multi-cloud with Docker	0.97						it_codmcedi_01_enus
			Docker & Multi-cloud: Multi-host, Multi-cloud Management with Docker Enterprise	0.78						it_codmcedi_02_enus
		Kubernetes In Multi-cloud Environments								
			Managing Multi-cloud Containers Using Kubernetes	1.02						it_cokmcidi_01_enus
		DevOps Agile Development								
			DevOps Agile Development: Agile Processes for DevOps	0.88						it_dodoaddi_01_enus
			DevOps Agile Development: DevOps Methodologies for Developers	1.05						it_dodoaddi_02_enus
	Red Hat Linux									
		Red Hat Certified System Administrator RHEL 7								
			Red Hat Certified System Administrator: The Environment	1.95						lu_rhel_a01_it_enus
			Red Hat Certified System Administrator: The Command Line	1.9						lu_rhel_a02_it_enus
			Red Hat Certified System Administrator: Administration and Permissions	1.73						lu_rhel_a03_it_enus
			Red Hat Certified System Administrator: Scripting and Scheduling	2.45						lu_rhel_a04_it_enus
			Red Hat Certified System Administrator: Processes, Networking, and Logging	2.4						lu_rhel_a05_it_enus
			Red Hat Certified System Administrator: Advanced Networking	1.95						lu_rhel_a06_it_enus
			Red Hat Certified System Administrator: Remote Connections and Access	1.98						lu_rhel_a07_it_enus
			Red Hat Certified System Administrator: File Systems and Device Management	2.15						lu_rhel_a08_it_enus
			Red Hat Certified System Administrator: Boot Process and Installation	1.93						lu_rhel_a09_it_enus
			Red Hat Certified System Administrator: Introduction to Virtualization	2						lu_rhel_a10_it_enus
			Red Hat Certified System Administrator: SELinux and Troubleshooting	2.23						lu_rhel_a11_it_enus
		Microsoft Mobility and Device Fundamentals								
		Windows Devices and Mobility Fundamentals								
			Device Configuration and Data Access	1.8						sd_mmdf_a01_it_enus
			Data Management and Device Security	1.53						sd_mmdf_a02_it_enus
			Cloud Services and Enterprise Mobility	1.7						sd_mmdf_a03_it_enus
		Planning and Managing Devices in the Enterprise								
			Windows 10: Designing for Cloud and Hybrid Identity	1.28						qs_pmde_a01_it_enus
			Windows 10: Designing for Device Access and Protection	0.98						qs_pmde_a02_it_enus
			Windows 10: Designing for Data Access, Protection, and Remote Access	1.75						qs_pmde_a03_it_enus
			Windows 10: Planning for Apps, Updates, and Recovery	1.65						qs_pmde_a04_it_enus
	Ubuntu									
		Getting Started with Ubuntu								
			Introduction to Ubuntu	2.37						lu_qsub_a01_it_enus
			Essential Tools for Ubuntu	2.65						lu_qsub_a02_it_enus
	Software Development									
		Working with Jenkins								

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			Working with Jenkins: Fundamentals	2.42						sd_jenk_a01_it_enus
	Microsoft Windows Server 2019									
		Updating Your Skills to Server 2019								
			Updating to Server 2019 : Windows Server 2019 Features	0.8						it_osups2019_01_enus
			Updating to Server 2019: Storage, Failover Clustering, & Application Platform	0.65						it_osups2019_02_enus
			Updating to Server 2019: Windows Server Installations	0.75						it_osups2019_03_enus
			Updating to Server 2019: Server Configuration	0.85						it_osups2019_04_enus
			Updating to Server 2019: Server Roles	1.37						it_osups2019_05_enus
			Updating to Server 2019: PowerShell for Windows Server	1.02						it_osups2019_06_enus
	Microsoft Windows Server 2016									
		Microsoft Windows Server 2016 (First Look)								
			Microsoft Windows Server 2016 (First Look): Active Directory and Networking	2.33						os_stfl_a01_it_enus
		Microsoft Windows Nano Server First Look								
			Microsoft Windows Nano Server: Nano Server First Look	1.5						os_nsfl_a01_it_enus
		Server 2016: Identity								
			Server 2016 - Identity: Active Directory Domain Controllers	1.08						it_oscsau_01_enus
			Server 2016 - Identity: Active Directory Accounts & Permissions	1.08						it_oscsau_02_enus
			Server 2016 - Identity: Active Directory Groups & Organizational Units	0.65						it_oscsau_03_enus
			Server 2016 - Identity: Active Directory Service Authentication & Account Policies	0.77						it_oscsau_04_enus
			Server 2016 - Identity: Active Directroy Maintenance & Recovery	1.23						it_oscsau_05_enus
			Server 2016 - Identity: Active Directory Trusts & Sites	1.48						it_oscsau_06_enus
			Server 2016 - Identity: Active Directory Group Policy Objects	0.72						it_oscsau_07_enus
			Server 2016 - Identity: Active Directory Group Policy Processing	0.57						it_oscsau_08_enus
			Server 2016 - Identity: Active Directory Group Policy Settings	0.52						it_oscsau_09_enus
			Server 2016 - Identity: Active Directory Group Policy Preferences	0.58						it_oscsau_10_enus
			Server 2016 - Identity: Active Directory Certificate Services	1.38						it_oscsau_11_enus
			Server 2016 - Identity: Active Directory Federation Services & Web Application Proxy	1.63						it_oscsau_12_enus
			Server 2016 - Identity: Active Directory Rights Management Services	0.35						it_oscsau_13_enus
		Securing Windows Server 2016								
			Implementing Disk Encryption	1.07						os_swns_a01_it_enus
			Implementing File Encryption	0.62						os_swns_a02_it_enus
			Implementing Server Patching and Updating	0.88						os_swns_a03_it_enus
			Managing Server 2016 Malware Solutions	1.12						os_swns_a04_it_enus
			Additional Malware Protection	0.77						os_swns_a05_it_enus
			Securing a Virtualization Infrastructure	0.98						os_swns_a06_it_enus
			Securing a Network Infrastructure with Windows Firewalls	1.1						os_swns_a07_it_enus
			Securing Network Infrastructure Traffic	1.23						os_swns_a08_it_enus
			Managing Privileged Identities Part I	1.07						os_swns_a09_it_enus
			Managing Privileged Identities Part II	0.7						os_swns_a10_it_enus
			PAWS and LAPS	0.67						os_swns_a11_it_enus
			Threat Detection Solutions	1.2						os_swns_a12_it_enus
			Implementing Workload-specific Security Part I	0.75						os_swns_a13_it_enus
			Implementing Workload-specific Security Part II	0.67						os_swns_a14_it_enus
	Windows Performance Monitoring									
		Microsoft Windows Performance Monitoring								
			Microsoft Windows Performance Monitoring Basics	1.55						os_wpmb_a01_it_enus
			Microsoft Windows Performance Monitoring Best Practice	1.58						os_wpmb_a02_it_enus
			Microsoft Windows Performance Tools In Windows Operating Systems	1.8						os_wpmb_a03_it_enus
			Windows Performance Monitoring: Additional Performance Tools	2.13						os_wpmb_a04_it_enus
	Microsoft Skype for Business									
		Skype for Business 2015								
			Planning, Installation, and Upgrading	1.53						os_cssb_a01_it_enus
			Chatting and Conferencing	1.22						os_cssb_a02_it_enus
			Client Configuration	1.13						os_cssb_a03_it_enus
			Configuring Enterprise Voice	0.95						os_cssb_a04_it_enus
			Archiving and External Access	0.88						os_cssb_a05_it_enus
			High Availability and Disaster Recovery	1.03						os_cssb_a06_it_enus
			Troubleshooting Skype for Business	1.17						os_cssb_a07_it_enus
	Microsoft System Center									
		System Center 2016								
			System Center Configuration Manager Introduction and Planning	1.18						os_syse_a01_it_enus
			Installing System Center Configuration Manager	1						os_syse_a02_it_enus
			Planning for Data Protection Manager	0.85						os_syse_a03_it_enus
			Installing and Monitoring Data Protection Manager	1.08						os_syse_a04_it_enus
			Operations Manager	1.17						os_syse_a05_it_enus
			Installing Operations Manager	0.53						os_syse_a06_it_enus
			Orchestrator Performance and Requirements	0.78						os_syse_a07_it_enus
			Deploy and Manage Orchestrator	1.05						os_syse_a08_it_enus
			Service Manager	0.57						os_syse_a09_it_enus
			Deploying Service Manager	1.08						os_syse_a10_it_enus
			Service Management Automation and Runbooks	0.87						os_syse_a11_it_enus
			Deploy and Manage Service Management Automation	0.68						os_syse_a12_it_enus
			Deploy and Install Virtual Machine Manager	1.42						os_syse_a13_it_enus
			Manage Virtual Machine Manager	1.02						os_syse_a14_it_enus
	IT Services									
		ITIL® 2011 Foundation								

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Overview of the ITIL® Service Lifecycle	0.8		0.75				acs_01_a01_it_enus
			ITIL® Service Strategy Concepts	1.3		1.25				acs_01_a02_it_enus
			ITIL® Service Strategy Processes	0.77		0.75				acs_01_a03_it_enus
			ITIL® Service Design Concepts	0.7		0.75				acs_01_a04_it_enus
			ITIL® Service Design Processes	1.23		1.25				acs_01_a05_it_enus
			ITIL® Service Transition Concepts and Processes	1.22		1.25				acs_01_a06_it_enus
			ITIL® Service Operation Concepts	0.55		0.5				acs_01_a07_it_enus
			ITIL® Service Operation Processes	0.72		0.75				acs_01_a08_it_enus
			ITIL® Continual Service Improvement	0.62		0.5				acs_01_a09_it_enus
			ITIL® 2011 Edition Intermediate Level: Operational Support & Analysis (OSA)							
			ITIL® 2011 Edition OSA: Introduction to Operational Support and Analysis	1.5						ib_iosb_a01_it_enus
			ITIL® 2011 Edition OSA: Introduction to Event Management	3.5						ib_iosb_a02_it_enus
			ITIL® 2011 Edition OSA: Introduction to Incident Management	2.5						ib_iosb_a03_it_enus
			ITIL® 2011 Edition OSA: Incident Management Interactions	3						ib_iosb_a04_it_enus
			ITIL® 2011 Edition OSA: Introduction to Request Fulfillment	2						ib_iosb_a05_it_enus
			ITIL® 2011 Edition OSA: Request Fulfillment Process Interfaces and Challenges	2.5						ib_iosb_a06_it_enus
			ITIL® 2011 Edition OSA: Introduction to Problem Management	3						ib_iosb_a07_it_enus
			ITIL® 2011 Edition OSA: Problem Management Process Interfaces and Challenges	2.5						ib_iosb_a08_it_enus
			ITIL® 2011 Edition OSA: Introduction to Access Management	3						ib_iosb_a09_it_enus
			ITIL® 2011 Edition OSA: Introduction to the Service Desk	2						ib_iosb_a10_it_enus
			ITIL® 2011 Edition OSA: Service Desk Metrics and Outsourcing	1.5						ib_iosb_a11_it_enus
			ITIL® 2011 Edition OSA: Introduction to Functions	2.5						ib_iosb_a12_it_enus
			ITIL® 2011 Edition OSA: Function Activities	1.5						ib_iosb_a13_it_enus
			ITIL® 2011 Edition OSA: Technology and Implementation Considerations	2.5						ib_iosb_a14_it_enus
			ITIL ® Operational Support & Analysis	3.5						ib_iosb_a01_fe_enus
			ITIL® 4 Foundation							
			ITIL® 4 Foundation: Introduction	0.42	0.5	0.5				it_acs04_01_enus
			ITIL® 4 Foundation: Key Concepts of Service Management	0.67	0.5	0.75				it_acs04_02_enus
			ITIL® 4 Foundation: Key Concepts	0.52	0.5	0.5				it_acs04_03_enus
			ITIL® 4 Foundation: The Service Value System	0.4	0.5	0.5				it_acs04_04_enus
			ITIL® 4 Foundation: The Service Value Chain	0.43	0.5	0.5				it_acs04_05_enus
			ITIL® 4 Foundation: The Guiding Principles	0.73	1	0.75				it_acs04_06_enus
			ITIL® 4 Foundation: General Management Practices	0.6	0.5	0.5				it_acs04_07_enus
			ITIL® 4 Foundation: Service Management Practices (Part 1)	0.75	1	0.75				it_acs04_08_enus
			ITIL® 4 Foundation: Service Management Practices (Part 2)	0.93	1	1				it_acs04_09_enus
INTERNET AND NETWORK TECHNOLOGIES										
	Social Networking									
			Buffer for Business Users (No Assessments)							
			Buffer: Sign-in & Account Creation	0.3						ds_buff15_01_enus
			Buffer: Managing Social Media Activity	0.52						ds_buff15_02_enus
			Flickr for End Users (No Assessments)							
			Flickr: Sign-in & Setup	0.42						ds_flikr16_01_enus
			Flickr: Photo Storage Tools	0.6						ds_flikr16_02_enus
			Flickr: Organizing Photos & Creating Albums	0.63						ds_flikr16_03_enus
			Flickr: Editing Photos	0.4						ds_flikr16_04_enus
			Flickr: Interacting with the Community	1.1						ds_flikr16_05_enus
			CompTIA Networking, Internetworking, and Security Technologies							
			CompTIA Security+ SY0-501							
			CompTIA Security+ SY0-501: The Present Threat Landscape	0.85						cs_syvs_a01_it_enus
			CompTIA Security+ SY0-501: Types of Malware	0.93						cs_syvs_a02_it_enus
			CompTIA Security+ SY0-501: Social Engineering and Related Attacks	0.72						cs_syvs_a03_it_enus
			CompTIA Security+ SY0-501: Application and Service Attacks	0.92						cs_syvs_a04_it_enus
			CompTIA Security+ SY0-501: Cryptographic and Wireless Attacks	0.75						cs_syvs_a05_it_enus
			CompTIA Security+ SY0-501: Penetration Testing and Vulnerability Scanning	0.78						cs_syvs_a06_it_enus
			CompTIA Security+ SY0-501: Impacts from Vulnerability Types	0.9						cs_syvs_a07_it_enus
			CompTIA Security+ SY0-501: Components Supporting Organizational Security	1.53						cs_syvs_a08_it_enus
			CompTIA Security+ SY0-501: Security Assessment Using Software Tools	0.88						cs_syvs_a09_it_enus
			CompTIA Security+ SY0-501: Cryptography	2						cs_syvs_a10_it_enus
			CompTIA Security+ SY0-501: Public Key Infrastructure	1.12						cs_syvs_a11_it_enus
			CompTIA Security+ SY0-501: Wireless Security Settings	1.32						cs_syvs_a12_it_enus
			CompTIA Security+ SY0-501: Analyzing Output from Security Technologies	1.05						cs_syvs_a13_it_enus
			CompTIA Security+ SY0-501: Deploying Mobile Devices Securely	0.52						cs_syvs_a14_it_enus
			CompTIA Security+ SY0-501: Implementing Secure Protocols	0.53						cs_syvs_a15_it_enus
			CompTIA Security+ SY0-501: Troubleshooting Common Security Issues	0.45						cs_syvs_a16_it_enus
			CompTIA Security+ SY0-501: Identity Concepts and Access Services	0.58						cs_syvs_a17_it_enus
			CompTIA Security+ SY0-501: Identity and Access Management Controls	0.48						cs_syvs_a18_it_enus
			CompTIA Security+ SY0-501: Common Account Management Practices	0.57						cs_syvs_a19_it_enus
			CompTIA Security+ SY0-501: Frameworks, Guidelines, and Physical Security	2						cs_syvs_a20_it_enus
			CompTIA Security+ SY0-501: Implement Secure Network Architecture Concepts	0.77						cs_syvs_a21_it_enus
			CompTIA Security+ SY0-501: Secure System and Application Design and Deployment	1.45						cs_syvs_a22_it_enus
			CompTIA Security+ SY0-501: Cloud, Virtualization, and Resiliency Concepts	1.12						cs_syvs_a23_it_enus
			CompTIA Security+ SY0-501: Policies, Plans, and Procedures	0.82						cs_syvs_a24_it_enus
			CompTIA Security+ SY0-501: Business Impact Analysis and Risk Management	1.13						cs_syvs_a25_it_enus
			CompTIA Security+ SY0-501: Incident Response, Forensics, and Disaster Recovery	1.1						cs_syvs_a26_it_enus
	Network Protocols									
			IP version 6							

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			IPv6 Fundamentals	3.23						dt ipv6 a01 it enus
	CompTIA Network+									
		CompTIA Network+ N10-007								
			CompTIA Network+ N10-007: Ports and Protocols and the OSI Model	1.78						cs ctnp a01 it enus
			CompTIA Network+ N10-007: Routing, Switching, & IP Addressing	3.05						cs ctnp a02 it enus
			CompTIA Network+ N10-007: Network Topologies & Technologies	1.65						cs ctnp a03 it enus
			CompTIA Network+ N10-007: Cloud Concepts, Network Services, & Cabling Solutions	2.77						cs ctnp a04 it enus
			CompTIA Network+ N10-007: Networking Devices	2.07						cs ctnp a05 it enus
			CompTIA Network+ N10-007: Network Storage, Virtualization, & WAN Technologies	1.67						cs ctnp a06 it enus
			CompTIA Network+ N10-007: Documentation and Diagrams & Business Continuity	1.83						cs ctnp a07 it enus
			CompTIA Network+ N10-007: Network Monitoring & Remote Access Methods	1.73						cs ctnp a08 it enus
			CompTIA Network+ N10-007: Policies and Best Practices	1.4						cs ctnp a09 it enus
			CompTIA Network+ N10-007: Security Devices, Wireless Security, & Access Control	1.82						cs ctnp a10 it enus
			CompTIA Network+ N10-007: Network Attacks & Device Hardening	2.75						cs ctnp a11 it enus
			CompTIA Network+ N10-007: Mitigation Techniques	1.48						cs ctnp a12 it enus
			CompTIA Network+ N10-007: Troubleshooting Methodology & Tools	1.08						cs ctnp a13 it enus
			CompTIA Network+ N10-007: Troubleshooting Connectivity & Performance Issues	1.5						cs ctnp a14 it enus
			CompTIA Network+ N10-007: Troubleshooting Common Network Service Issues	1.05						cs ctnp a15 it enus
			CompTIA Network+ N10-007: Additional Network Services	0.65						cs ctnp a16 it enus
	Wireless									
		Internet of Things Introduction								
			Internet of Things Applications	1.22						dt ioti a01 it enus
			Internet of Things Hardware	1.2						dt ioti a02 it enus
	Networking and Telecommunications Fundamentals									
		Networking Fundamentals								
			Networking Fundamentals: Configuring Wired and Wireless Networks and Firewalls	2.12						dt ntfd a01 it enus
			Networking Fundamentals: Remote Connections, Shares, and Mac OSX Networking	1.88						dt ntfd a02 it enus
	Security Principles									
		Cloud Security Fundamentals								
			Cloud Security Fundamentals: Basics of Cloud Operations	0.9						it soclscdi 01 enus
			Cloud Security Fundamentals: Architectural & Design Concepts	0.55						it soclscdi 02 enus
			Cloud Security Fundamentals: Cloud Infrastructure Security	1						it soclscdi 03 enus
			Cloud Security Fundamentals: Cloud Data Security	0.8						it soclscdi 04 enus
			Cloud Security Fundamentals: Cloud Application Security	0.73						it soclscdi 05 enus
			Cloud Security Fundamentals: Legal & Compliance	0.5						it soclscdi 06 enus
		SecOps Engineer								
			SecOps Engineer: Secure Coding	0.87						it soscocdi 02 enus
			SecOps Engineer: Security Engineering	0.57						it soscocdi 03 enus
			SecOps Engineer: Cloud & IoT security	0.55						it soscocdi 04 enus
			SecOps Engineer: Threat Mitigation	0.97						it soscocdi 05 enus
			SecOps Engineer: System Infrastructure Security	1.02						it soscocdi 01 enus
			Final Exam: SecOps Engineer	0.02						it feptsoe 04 enus
	Security Solutions									
		Certified Secure Software Lifecycle Professional (CSSLP)								
			CSSLP: Secure Software Concepts	2.25						sp slcp a01 it enus
			CSSLP: Secure Software Requirements	1.28						sp slcp a02 it enus
			CSSLP: Secure Software Design	2.53						sp slcp a03 it enus
			CSSLP: Secure Software Implementation and Coding	2.13						sp slcp a04 it enus
			CSSLP: Secure Software Testing	1.45						sp slcp a05 it enus
			CSSLP: Software Acceptance, Deployment, Operations, Maintenance, and Disposal	1.35						sp slcp a06 it enus
			CSSLP: Supply Chain and Software Acquisition	1.93						sp slcp a07 it enus
		Foundations of Android Security								
			Android Architecture, Protection, and Development Best Practices	2.68						sp foas a01 it enus
			Android Security Vulnerabilities, Testing, and Enterprise Considerations	2						sp foas a02 it enus
		Foundations of iOS Security								
			iOS Security Architecture and Application Data Protection	1.5						sp fois a01 it enus
			Securing Against Threats, Securing for Enterprise, and Jailbreaking Devices	1.42						sp fois a02 it enus
		Cryptography Fundamentals								
			Cryptography Fundamentals: Defining Cryptography	1.53						sp cryf a01 it enus
			Cryptography Fundamentals: Applying Cryptography	1.75						sp cryf a02 it enus
		Systems Security Certified Practitioner								
			Systems Security Certified Practitioner: Access Controls	1.05						sp sscp a01 it enus
			Systems Security Certified Practitioner: Security Operations	0.83						sp sscp a02 it enus
			Systems Security Certified Practitioner: Security Administration	0.92						sp sscp a03 it enus
			Systems Security Certified Practitioner: Risk Management	0.93						sp sscp a04 it enus
			Systems Security Certified Practitioner: Incident Response and Recovery	0.97						sp sscp a05 it enus
			Systems Security Certified Practitioner: Cryptography	1.1						sp sscp a06 it enus
			Systems Security Certified Practitioner: Network and Communications Security	1.7						sp sscp a07 it enus
			Systems Security Certified Practitioner: Systems and Application Security	1.9						sp sscp a08 it enus
		Securing User Accounts								
			Securing User Accounts: Fundamental Security Concepts	2.6						sp soaa a01 it enus
			Securing User Accounts: Authorization, Registration, and Passwords	2.1						sp soaa a02 it enus
			Securing User Accounts: Logon, Logoff, Account Changes, and Attack Mitigation	1.92						sp soaa a03 it enus
		COBIT 5 Foundation								
			Introduction to COBIT 5	1.48						ib cbt a01 it enus
			COBIT 5 Principles and Implementation	1.98						ib cbt a02 it enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Securing Mobile Devices in the Enterprise							
			Securing Mobile Devices in the Enterprise: Mobile Security Threats	1.95						sp emds a01 it enus
			Securing Mobile Devices in the Enterprise: Mobile Security Technologies	1.7						sp emds a02 it enus
			Securing Mobile Devices in the Enterprise: Mobile Security Threat Mitigation	1.6						sp emds a03 it enus
			Securing Mobile Devices in the Enterprise: Configuring Enterprise-level Security	1.32						sp emds a04 it enus
			Certified Information Systems Auditor							
			CISA: The Process of Auditing Information Systems - Part 1	1.28						sp cisb a01 it enus
			CISA: The Process of Auditing Information Systems - Part 2	1.5						sp cisb a02 it enus
			CISA: Governance and Management of IT - Part 1	1.6						sp cisb a03 it enus
			CISA: Governance and Management of IT - Part 2	1.5						sp cisb a04 it enus
			CISA: Information Systems Acquisition, Development, and Implementation	2.43						sp cisb a05 it enus
			CISA: Information Systems Operations, Maintenance, and Service Management	2.3						sp cisb a06 it enus
			CISA: Protection of Information Assets - Part 1	1.5						sp cisb a07 it enus
			CISA: Protection of Information Assets - Part 2	2.2						sp cisb a08 it enus
			CompTIA Cybersecurity Analyst+ CS0-001							
			CompTIA Cybersecurity Analyst+ CS0-001: Network Architecture and Reconnaissance	3.12						cs cybs a01 it enus
			CompTIA Cybersecurity Analyst+ CS0-001: Threat Identification	2.42						cs cybs a02 it enus
			CompTIA Cybersecurity Analyst+ CS0-001: Threat Mitigation	2.17						cs cybs a03 it enus
			CompTIA Cybersecurity Analyst+ CS0-001: Reducing Vulnerabilities	2.43						cs cybs a04 it enus
			CompTIA Cybersecurity Analyst+ CS0-001: Investigate Security Incidents	2.18						cs cybs a05 it enus
			CompTIA Cybersecurity Analyst+ CS0-001: Monitoring for Security Issues	2.32						cs cybs a06 it enus
			OWASP Top 10							
			OWASP Overview	0.98						sp owit a01 it enus
			OWASP Top 10: List Item Overview	1.15						sp owit a02 it enus
			OWASP A8 and A3: Cross-Site Attacks	0.9						sp owit a03 it enus
			OWASP A7 and A6: Leaky and Unprepared Applications	1.15						sp owit a04 it enus
			OWASP A4 and A2: Broken Applications	1.2						sp owit a05 it enus
			OWASP A5 and A1: Security and Injection	1.25						sp owit a06 it enus
			OWASP A10 and A9: API and Component Attacks	0.9						sp owit a07 it enus
			Exploring Security Trends							
			Attack Vectors and Mitigations	1.35						sp exsd a01 it enus
			Vulnerabilities and Exploits	0.98						sp exsd a02 it enus
			CompTIA Advanced Security Practitioner (CASP+)							
			CompTIA CASP+ CAS-003: Business and Industry Influences and Risks	0.8						cs casp a01 it enus
			CompTIA CASP+ CAS-003: Organizational Security and Privacy Policies	0.67						cs casp a02 it enus
			CompTIA CASP+ CAS-003: Risk Mitigation Strategies and Controls	0.95						cs casp a03 it enus
			CompTIA CASP+ CAS-003: Risk Metric Scenarios for Enterprise Security	0.6						cs casp a04 it enus
			CompTIA CASP+ CAS-003: Integrating Network and Security Components, Concepts, and Architectures	1.43						cs casp a05 it enus
			CompTIA CASP+ CAS-003: Integrating Security Controls for Host Devices	0.8						cs casp a06 it enus
			CompTIA CASP+ CAS-003: Integrating Controls for Mobile and Small Form Factor Devices	0.82						cs casp a07 it enus
			CompTIA CASP+ CAS-003: Selecting Software Security Controls	0.7						cs casp a08 it enus
			CompTIA CASP+ CAS-003: Conducting Security Assessments	0.87						cs casp a09 it enus
			CompTIA CASP+ CAS-003: Implementing Incident Response and Recovery	0.72						cs casp a10 it enus
			CompTIA CASP+ CAS-003: Integrating Hosts, Storage, and Applications in the Enterprise	0.83						cs casp a11 it enus
			CompTIA CASP+ CAS-003: Integrating Cloud and Virtualization Technologies in the Enterprise	0.73						cs casp a12 it enus
			CompTIA CASP+ CAS-003: Integrating and Troubleshooting Advanced AAA Technologies	0.67						cs casp a13 it enus
			CompTIA CASP+ CAS-003: Implementing Cryptographic Techniques	0.98						cs casp a14 it enus
			CompTIA CASP+ CAS-003: Secure Communication and Collaboration Solutions	0.52						cs casp a15 it enus
			CompTIA CASP+ CAS-003: Applying Research Methods for Trend and Impact Analysis	0.43						cs casp a16 it enus
			CompTIA CASP+ CAS-003: Implementing Security Activities across the Technology Life Cycle	0.72						cs casp a17 it enus
			CompTIA CASP+ CAS-003: Interacting across Diverse Business Units	0.5						cs casp a18 it enus
			Certified Systems Security Professional (CISSP)							
			CISSP 2018: (ISC)² and Security Fundamentals	0.67						it spciss 01 enus
			CISSP 2018: Cryptographic Client-based Systems	1.02						it spciss 02 enus
			CISSP 2018 : Communication and Network Security	1.27						it spciss 03 enus
			CISSP 2018: Identity and Access Management (IAM)	1						it spciss 04 enus
			CISSP 2018: Site and Facility Security Controls	0.57						it spciss 05 enus
			CISSP 2018: Security and Risk Management (Part 1)	1.02						it spciss 06 enus
			CISSP 2018: Security and Risk Management (Part 2)	0.7						it spciss 07 enus
			CISSP 2018: Security Architecture and Engineering (Part 1)	0.77						it spciss 08 enus
			CISSP 2018: Security Architecture and Engineering (Part 2)	0.82						it spciss 09 enus
			CISSP 2018: Security Assessment and Testing	0.87						it spciss 10 enus
			CISSP 2018: Security Operations (Part 1)	0.62						it spciss 11 enus
			CISSP 2018: Security Operations (Part 2)	0.87						it spciss 12 enus
			CISSP 2018: Conducting Incident Management	1.45						it spciss 13 enus
			CISSP 2018: Software Development Security	0.55						it spciss 14 enus
			CompTIA PenTest+ PT0-001							
			CompTIA PenTest+: Planning for an Engagement	0.93						it cspent 01 enus
			CompTIA PenTest+: Scoping an Engagement	0.93						it cspent 02 enus
			CompTIA PenTest+: Information Gathering	0.88						it cspent 03 enus
			CompTIA PenTest+: Vulnerability Identification	0.68						it cspent 04 enus
			CompTIA PenTest+: Social Engineering and Specialized System Attacks	0.95						it cspent 05 enus
			CompTIA PenTest+: Network-Based Exploits	1.32						it cspent 06 enus
			CompTIA PenTest+: Application-Based Vulnerabilities	0.9						it cspent 07 enus
			CompTIA PenTest+: Local Host Vulnerabilities	0.6						it cspent 08 enus
			CompTIA PenTest+: Post-Exploitation and Facilities Attacks	0.7						it cspent 09 enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			CompTIA PenTest+: Penetration Testing Tools	1.4						it_cspent_10_enus
			CompTIA PenTest+: Reporting and Communication	0.62						it_cspent_12_enus
			CompTIA PenTest+: Analyzing Tool and Script Output	0.95						it_cspent_11_enus
			Certified Ethical Hacker (CEH) v10							
			Certified Ethical Hacker - CEHv10: Ethical Hacking Overview and Threats	1.02						it_spceh10tv_01_enus
			Certified Ethical Hacker - CEHv10: Hacking Concepts	0.8						it_spceh10tv_02_enus
			Certified Ethical Hacker - CEHv10: Security Controls	1.18						it_spceh10tv_03_enus
			Certified Ethical Hacker - CEHv10: Security Controls Part 2	0.88						it_spceh10tv_04_enus
			Certified Ethical Hacker - CEHv10: Pentesting, Laws, and Standards	0.78						it_spceh10tv_05_enus
			Certified Ethical Hacker - CEHv10: Footprinting	1.5						it_spceh10tv_06_enus
			Certified Ethical Hacker - CEHv10: Host Discovery and Scanning with Nmap	1.52						it_spceh10tv_07_enus
			Certified Ethical Hacker - CEHv10: ProxyChains and Enumeration	0.83						it_spceh10tv_08_enus
			Certified Ethical Hacker - CEHv10: Vulnerability Analysis Concepts and Tools	0.97						it_spceh10tv_09_enus
			Certified Ethical Hacker - CEHv10: Password Attacks	0.83						it_spceh10tv_10_enus
			Certified Ethical Hacker - CEHv10: Password Attacks Part 2	1.17						it_spceh10tv_11_enus
			Certified Ethical Hacker - CEHv10: Privilege Escalation	1.25						it_spceh10tv_12_enus
			Certified Ethical Hacker - CEHv10: Covert Data Gathering	0.47						it_spceh10tv_13_enus
			Certified Ethical Hacker - CEHv10: Hidden Files and Covering Tracks	0.8						it_spceh10tv_14_enus
			Certified Ethical Hacker - CEHv10: Malware Threats	0.95						it_spceh10tv_15_enus
			Certified Ethical Hacker - CEHv10: Malware Distribution	0.65						it_spceh10tv_16_enus
			Certified Ethical Hacker - CEHv10: Network Sniffing	0.72						it_spceh10tv_17_enus
			Certified Ethical Hacker - CEHv10: Social Engineering	1.13						it_spceh10tv_18_enus
			Certified Ethical Hacker - CEHv10: Denial of Service	1.18						it_spceh10tv_19_enus
			Certified Ethical Hacker - CEHv10: Session Hijacking	1.07						it_spceh10tv_20_enus
			Certified Ethical Hacker - CEHv10: Evading IDS, Firewalls, and Honey pots	1.15						it_spceh10tv_21_enus
			Certified Ethical Hacker - CEHv10: Evading IDS, Firewalls, and Honey pots Part 2	1.25						it_spceh10tv_22_enus
			Certified Ethical Hacker - CEHv10: Evading IDS, Firewalls, and Honey pots Part 3	0.63						it_spceh10tv_23_enus
			Certified Ethical Hacker - CEHv10: Hacking Web Servers	0.6						it_spceh10tv_24_enus
			Certified Ethical Hacker - CEHv10: Common Web App Threats	0.73						it_spceh10tv_25_enus
			Certified Ethical Hacker - CEHv10: Common Web App Threats Part 2	0.87						it_spceh10tv_26_enus
			Certified Ethical Hacker - CEHv10: Practical Web App Hacking	1.4						it_spceh10tv_27_enus
			Certified Ethical Hacker - CEHv10: SQL Injection	0.42						it_spceh10tv_28_enus
			Certified Ethical Hacker - CEHv10: SQL Injection Types and Tools	0.93						it_spceh10tv_29_enus
			Certified Ethical Hacker - CEHv10: Wireless Hacking Concepts	0.47						it_spceh10tv_30_enus
			Certified Ethical Hacker - CEHv10: Wireless Hacking Tools	0.9						it_spceh10tv_31_enus
			Certified Ethical Hacker - CEHv10: Wireless Hacking Common Threats	0.72						it_spceh10tv_32_enus
			Certified Ethical Hacker - CEHv10: Cracking and Mobile Hacking	1.03						it_spceh10tv_33_enus
			Certified Ethical Hacker - CEHv10: IoT Concepts	0.82						it_spceh10tv_34_enus
			Certified Ethical Hacker - CEHv10: IoT Attacks	1.18						it_spceh10tv_35_enus
			Certified Ethical Hacker - CEHv10: Clouding Computing Concepts	0.97						it_spceh10tv_37_enus
			Certified Ethical Hacker - CEHv10: Cloud Computer Attacks	1.07						it_spceh10tv_38_enus
			Certified Ethical Hacker - CEHv10: Cryptography Concepts	1.2						it_spceh10tv_39_enus
			Certified Ethical Hacker - CEHv10: Cryptography Concepts Part 2	1.12						it_spceh10tv_40_enus
			Certified Ethical Hacker - CEHv10: Cryptography Concepts Part 3	1.25						it_spceh10tv_41_enus
			Certified Ethical Hacker - CEHv10: Cryptography Attacks	0.57						it_spceh10tv_42_enus
			Certified Ethical Hacker - CEHv10: IoT Hacking and Countermeasures	0.58						it_spceh10tv_36_enus
			Microsoft Security Fundamentals - 2018 Update							
			Security Fundamentals: Core Security	0.98						it_spmtas_01_enus
			Security Fundamentals: Internet and Wireless Security	0.37						it_spmtas_02_enus
			Security Fundamentals: Encryption and Malware	1.32						it_spmtas_03_enus
			Security Fundamentals: Authentication	0.43						it_spmtas_04_enus
			Security Fundamentals: Authentication, Passwords & Audit Policies	0.52						it_spmtas_05_enus
			Security Fundamentals: Firewalls	0.43						it_spmtas_06_enus
			Security Fundamentals: Permissions	0.83						it_spmtas_07_enus
			Security Fundamentals: Network Isolation	0.52						it_spmtas_08_enus
			Security Fundamentals: Protocol Security	0.28						it_spmtas_09_enus
			Security Fundamentals: Client and Email Security	0.78						it_spmtas_10_enus
			Security Fundamentals: Server Protection	0.15						it_spmtas_11_enus
			Certified Information Security Manager (CISM) - 2018 Update							
			CISM: Information Security Governance Part 1	1.2						it_spcesm_01_enus
			CISM: Information Security Governance Part 2	1.2						it_spcesm_02_enus
			CISM: Information Risk Management Part 1	0.9						it_spcesm_03_enus
			CISM: Information Risk Management Part 2	0.9						it_spcesm_04_enus
			CISM: Information Security Program Development and Management Part 1	0.9						it_spcesm_05_enus
			CISM: Information Security Program Development and Management Part 2	0.9						it_spcesm_06_enus
			CISM: Information Security Incident Management Part 1	1						it_spcesm_07_enus
			CISM: Information Security Incident Management Part 2	1						it_spcesm_08_enus
			Systems Security Certified Practitioner (SSCP) 2018							
			System Security Certified Practitioner (SSCP 2018): Network Fundamentals	0.97						it_spsscpdi_01_enus
			System Security Certified Practitioner (SSCP 2018): Security Concepts	0.95						it_spsscpdi_02_enus
			System Security Certified Practitioner (SSCP 2018): Risk Management	0.68						it_spsscpdi_03_enus
			System Security Certified Practitioner (SSCP 2018): Cryptography Primer	0.75						it_spsscpdi_04_enus
			System Security Certified Practitioner (SSCP 2018): Public Key Infrastructure	0.95						it_spsscpdi_05_enus
			System Security Certified Practitioner (SSCP 2018): Identity Management	0.93						it_spsscpdi_06_enus
			System Security Certified Practitioner (SSCP 2018): Security Controls	1.05						it_spsscpdi_08_enus
			System Security Certified Practitioner (SSCP 2018): Controlling Resource Access	1.02						it_spsscpdi_07_enus
			System Security Certified Practitioner (SSCP 2018): Asset & Change Management	1.15						it_spsscpdi_09_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			System Security Certified Practitioner (SSCP 2018): Network Security	1.05						it_ssccpdj_10_enus
			System Security Certified Practitioner (SSCP 2018): Malware & Endpoint Security	0.97						it_spsscpdj_11_enus
			System Security Certified Practitioner (SSCP 2018): Securing Environments	0.98						it_ssccpdj_12_enus
			System Security Certified Practitioner (SSCP 2018): Security Assessments	1.03						it_spsscpdj_13_enus
			System Security Certified Practitioner (SSCP 2018): Digital Forensics	0.8						it_spsscpdj_14_enus
			System Security Certified Practitioner (SSCP 2018): Business Continuity	0.88						it_spsscpdj_15_enus
		Cybersecurity 101								
			Cybersecurity 101: Session & Risk Management	1.17						it_socs101di_01_enus
			Cybersecurity 101: Auditing & Incident Response	1.15						it_socs101di_02_enus
		Cyber Security: An Executive's Guide								
			An Executive's Guide to Security: Understanding Security Threats	0.75						it_spcsegdi_01_enus
			An Executive's Guide to Security: Protecting Your Information	0.77						it_spcsegdi_02_enus
		Certified Information Systems Auditor (CISA) 2019								
			Certified Information Systems Auditor (CISA) 2019: Information System Auditing	0.95						it_spcisa19_01_enus
			Certified Information Systems Auditor (CISA) 2019: IT Management Frameworks	0.63						it_spcisa19_02_enus
			Certified Information Systems Auditor (CISA) 2019: Data Privacy & Risk	0.78						it_spcisa19_03_enus
			Certified Information Systems Auditor (CISA) 2019: IAM & Data Classification	1.22						it_spcisa19_04_enus
			Certified Information Systems Auditor (CISA) 2019: Performance & Management	1.13						it_spcisa19_05_enus
			Certified Information Systems Auditor (CISA) 2019: PKI & Data Protection	1.03						it_spcisa19_06_enus
			Certified Information Systems Auditor (CISA) 2019: Virtualization & Cloud	1.15						it_spcisa19_07_enus
			Certified Information Systems Auditor (CISA) 2019: Digital Asset Protection	1.1						it_spcisa19_08_enus
			Certified Information Systems Auditor (CISA) 2019: Data Storage & Malware	1.1						it_spcisa19_09_enus
			Certified Information Systems Auditor (CISA) 2019: BCP & Network Security	1.15						it_spcisa19_10_enus
			Certified Information Systems Auditor (CISA) 2019: System Design & Analysis	0.98						it_spcisa19_11_enus
			Certified Information Systems Auditor (CISA) 2019: Testing & Vulnerability	1.08						it_spcisa19_12_enus
			Certified Information Systems Auditor (CISA) 2019: Digital Evidence Gathering	0.58						it_spcisa19_13_enus
			Certified Information Systems Auditor (CISA) 2019: Continuous Monitoring	0.8						it_spcisa19_14_enus
			Certified Information Systems Auditor (CISA) 2019: Scenario-Based Practice	0.4						it_spcisa19_15_enus
		End-user Security Awareness								
			End-User Security: The End-User Perspective	0.9						it_saeusadi_01_enus
			End-User Security: The Security Administrator Perspective	0.67						it_saeusadi_02_enus
			End-User Security: Securing End Users against Attackers	0.55						it_saeusadi_03_enus
			Final Exam: Forensics Analyst	1.5						di_sasa2_a01_fe_enus
		Getting Started with Cryptography								
			Cryptography: Introduction to Cryptography Services	0.95						it_sabacrdi_01_enus
			Cryptography: Introduction to PKI	1.12						it_sabacrdi_02_enus
		Anomaly Detection								
			Anomaly Detection: Aspects of Anomaly Detection	0.92						it_saandtdj_01_enus
			Anomaly Detection: Network Anomaly Detection	1.2						it_saandtdj_02_enus
		Digital Ethics & Privacy								
			Ethics & Privacy: Digital Forensics	0.58						it_saeotvdi_01_enus
		Vulnerability Management Best Practices								
			Security Vulnerabilities: Managing Threats & Vulnerabilities	0.9						it_savatsdi_01_enus
		Intrusion Detection Best Practices								
			Intrusion Detection: Best Practices	0.78						it_saidbpdj_01_enus
			Final Exam: Vulnerability Analyst	1.57						di_sasa3_a01_fe_enus
		Digital Forensics								
			Digital Forensic Techniques & Investigative Approaches	0.97						it_sadqfrdi_01_enus
		Certified Secure Software Lifecycle Professional (CSSLP) 2019								
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Abuse Cases & RTMs	0.27						it_spccsslp19_06_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Threat Modeling	0.38						it_spccsslp19_07_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Security Architecture	0.85						it_spccsslp19_08_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Architectural Risk Assessment, Secure Interface Design, & Modeling	0.52						it_spccsslp19_09_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Technologies	1.03						it_spccsslp19_10_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Secure Design Principles	0.38						it_spccsslp19_11_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Secure Coding Practices	1.22						it_spccsslp19_12_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Security Vulnerabilities	1.37						it_spccsslp19_13_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Core Concepts	0.42						it_spccsslp19_01_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Testing Types	0.7						it_spccsslp19_14_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Testing for Security & Quality Assurance	0.85						it_spccsslp19_15_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Secure Software Testing	0.4						it_spccsslp19_16_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Security Design Principles	0.58						it_spccsslp19_02_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Secure Lifecycle Management	0.82						it_spccsslp19_17_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Security Requirements	0.35						it_spccsslp19_03_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Data Classification	0.37						it_spccsslp19_04_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Privacy	0.35						it_spccsslp19_05_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Governance, Risk, & Compliance	0.62						it_spccsslp19_18_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Supply Chain & Software Acquisition	0.92						it_spccsslp19_20_enus
			Certified Secure Software Lifecycle Professional (CSSLP) 2019: Software Deployment & Management	0.95						it_spccsslp19_19_enus
		Intrusion Prevention Best Practices								
			Intrusion Prevention: Best Practices	0.85						it_saipbpdj_01_enus
		Pen Testing Awareness								
			Pen Testing Awareness: Results Management	1.47						it_soptawdj_01_enus
		Risk Analysis								
			Risk Analysis: Security Risk Management	0.65						it_sarkandj_01_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Pen Testing Foundation							
			Penetration Testing Fundamentals	1.32						it_soptfddj_01_enus
			Final Exam: Penetration Tester	0.02						it_feptsoe_01_enus
			Getting Started with Information Security							
			Information Security: Hardened Security Topologies	0.72						it_saseandj_05_enus
			Information Security: Continual Infrastructure Testing	0.73						it_saseandj_06_enus
			Information Security: Security Governance	1.25						it_saseandj_07_enus
			Information Security: Honeypots	0.63						it_saseandj_08_enus
			Information Security: Pen Testing	1.58						it_saseandj_09_enus
			Information Security: APT Defenses	1.43						it_saseandj_01_enus
			Information Security: NACs & Gateways	0.63						it_saseandj_02_enus
			Information Security: Subnetting & DNS for Security Architects	1.1						it_saseandj_03_enus
			Information Security: Securing Networking Protocols	0.95						it_saseandj_04_enus
			Final Exam: Security Analyst	1.5						di_sasa1_a01_fe_enus
			Authentication & Encryption Solutions							
			Authentication & Encryption: Best Practices	0.95						it_saaundi_01_enus
			Tracking Incidents							
			Incident Tracking & Response	0.75						it_satracdj_01_enus
			Security Audits							
			Cyber Security Audits	1.68						it_saseaudi_01_enus
			Implementation of Security Controls							
			Security Measures: Implementing Security Controls	1.28						it_soimmsdj_01_enus
			Developing Security Topologies							
			Security Topologies: Developing Secure Networks	1.03						it_sadstodi_01_enus
			Security Architectures							
			Security Architectures: Defensible Security	0.78						it_saseardi_01_enus
			Pen Testing End-user Behavior							
			Pen Testing: End-user Behavior	1.8						it_soptebdj_01_enus
			Database Development with a FSD Mindset							
			Advanced Database Security Development							it_fsddfmdj_01_enus
			Security Rules: Rules of Engagement							it_saroeqdi_01_enus
			Final Exam: Security Architect	1.73						di_sasa4_a01_fe_enus
			Ethical Hacking Best Practices							
			Security Architect: Ethical Hacking Best Practices	0.78						it_saehtbdj_01_enus
			Security Triage Automation							
			Security Incident Triage	0.87						it_sastradi_01_enus
			Rules of Engagement							
			Security Rules: Rules of Engagement							it_saroeqdi_01_enus
			Breach Notification Process							
			Data Security Breach Notification Process	0.87						it_sabnmdj_01_enus
			Intelligent Orchestration							
			Intelligent Orchestration: Automating Security Incident Processing	0.93						it_sainsodj_01_enus
			Incident Response Policy and Governance							
			Policy & Governance: Incident Response	1.18						it_sopyqvdi_01_enus
			Final Exam: Incident Response Leader	0.02						it_feptsoe_02_enus
			Security Regulatory Mandates							
			Regulatory Mandates: Security Program Regulatory Integration	0.67						it_saragmdj_01_enus
			Unified Security Playbook							
			Unified Security: Playbook Approach to Security	0.77						it_saunpvdi_01_enus
			Wireless Pen Testing							
			Wi-Fi Penetration Testing	0.87						it_sowrptdi_01_enus
			Security Software Assessments							
			Security Software Assessments: Security Software Assessments	0.95						it_sassasdi_01_enus
			Advanced Pen Testing Techniques							
			Pen Testing: Advanced Pen Testing Techniques	1.38						it_soadptdj_01_enus
			Ethical Hacker							
			Ethical Hacker: Account Creation	0.3						it_soethhdi_05_enus
			Ethical Hacker: Risk Assessment	0.78						it_soethhdi_01_enus
			Ethical Hacker: Incident Response	0.65						it_soethhdi_02_enus
			Ethical Hacker: Security Standards	0.67						it_soethhdi_03_enus
			Ethical Hacker: Secure Technology & Applications	0.68						it_soethhdi_04_enus
			Ethical Hacker: Scanning	0.62						it_soethhdi_06_enus
			Ethical Hacker: Hacking Techniques	1.07						it_soethhdi_07_enus
			Final Exam: Ethical Hacker	0.02						it_feptsoe_03_enus
			Physical Pen Testing							
			Physical Penetration Testing	1.13						it_sopyptdi_01_enus
			Preemptive Troubleshooting							
			Preemptive Troubleshooting: Concepts & Strategies	1.43						it_sopttsdi_01_enus
			Securing Network Appliances							
			Security Best Practices: Network Appliance Security	1.55						it_soscnadi_01_enus
			Incident Response Planning Measures							
			Planning Measures: Incident Response Planning	0.57						it_soplmsdi_01_enus
			Regulation Conformance							
			Regulation Conformance for Incidence Response	1.67						it_sorgcfdi_01_enus
			Patch Management Strategies							
			Security Strategy: Patch Management Strategies	1.18						it_sopmqsdj_01_enus
			CompTIA CySA+ (CS0-002)							

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			CS0-002 - CompTIA Cybersecurity Analyst+: Digital Forensics	0.6						it_cscysa20_13_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: Network Scanning & Traffic Analysis	1.03						it_cscysa20_14_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: Business Continuity	1.03						it_cscysa20_02_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: IT Security Risk Mitigation	1.13						it_cscysa20_15_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: Attack Types	1.88						it_cscysa20_03_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: Malware Threats	0.88						it_cscysa20_04_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: Intrusion Detection & Traffic Analysis	1.47						it_cscysa20_16_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: Encryption & Hashing	1.32						it_cscysa20_05_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: Hardware & Security	0.67						it_cscysa20_06_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: Cloud Computing	0.62						it_cscysa20_07_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: Threat Monitoring	1.17						it_cscysa20_08_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: User Account Security	0.9						it_cscysa20_09_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: Threat Intelligence	0.82						it_cscysa20_01_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: Network Infrastructure Security	1.37						it_cscysa20_10_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: Software Development Security	0.78						it_cscysa20_11_enus
			CS0-002 - CompTIA Cybersecurity Analyst+: Data Privacy	0.77						it_cscysa20_12_enus
			Monitoring System Configuration							
			Monitoring & Securing System Configuration	1.28						it_somoscdi_01_enus
			Malware Identification, Classification, and Removal Best Practices							
			Malware Removal: Identifying Malware Types & Classification Approaches	0.43						it_cymilcudi_01_enus
			Malware Removal: Analyzing an Infected System							it_cymilcudi_02_enus
			Malware Removal: Remediate an Infected System	0.83						it_cymilcudi_03_enus
			Malware Removal: Reporting Findings & Preventing Future Infections	0.52						it_cymilcudi_04_enus
			Network Survey and Extraction Best Practices							
			Network Survey & Extraction: Network Analysis	0.97						it_cynsexdi_01_enus
			Network Survey & Extraction: Network Monitoring	0.87						it_cynsexdi_02_enus
			CompTIA Security+ (SY0-601)							
			SY0-601 - CompTIA Security+: Social Engineering Techniques & Attack Types	1.2						it_cssecp2020_01_enus
			SY0-601 - CompTIA Security+: Analyzing Application & Network Attacks	0.95						it_cssecp2020_02_enus
			SY0-601 - CompTIA Security+: Threat Actors, Intelligence Sources, & Vulnerabilities	0.85						it_cssecp2020_03_enus
			SY0-601 - CompTIA Security+: Security Assessment & Penetration Testing Techniques	0.62						it_cssecp2020_04_enus
			SY0-601 - CompTIA Security+: Security Concepts in an Enterprise Environment	0.68						it_cssecp2020_05_enus
			Adapting Pen Testing for Software Development							
			Pen Testing for Software Development: The Penetration Testing Process	1.45						it_apiptsddi_01_enus
	Cisco									
			ITPro.TV - Cisco Certified Entry Networking Technician							
			CCENT: Overview of Networking	0.5						it_ccenttv_01_enus
			CCENT: OSI Model	1.37						it_ccenttv_02_enus
			CCENT: TCP/IP Model	1.03						it_ccenttv_03_enus
			CCENT: Network Components, Topologies, and Architecture	1.1						it_ccenttv_04_enus
			CCENT: Network Cabling	0.58						it_ccenttv_05_enus
			CCENT: IPv4 Addressing Part 1	0.95						it_ccenttv_06_enus
			CCENT: IPv4 Addressing Part 2	1.03						it_ccenttv_07_enus
			CCENT: Subnetting Part 1	0.87						it_ccenttv_08_enus
			CCENT: Subnetting Part 2	1.4						it_ccenttv_09_enus
			CCENT: IPv6 Addressing	1.35						it_ccenttv_10_enus
			CCENT: Initial Device Configuration	1.5						it_ccenttv_11_enus
			CCENT: IPv4 Configuration	1.18						it_ccenttv_12_enus
			CCENT: IPv6 Configuration	0.98						it_ccenttv_13_enus
			CCENT: Troubleshooting Methodologies	1.43						it_ccenttv_14_enus
			CCENT: Overview of Cisco Devices	1.17						it_ccenttv_15_enus
			CCENT: Switching Functions	1.42						it_ccenttv_16_enus
			CCENT: Discovering Ethernet	0.82						it_ccenttv_17_enus
			CCENT: Troubleshooting Interfaces and Cables	1.05						it_ccenttv_18_enus
			CCENT: VLAN Configuration	1.48						it_ccenttv_19_enus
			CCENT: Interswitch Connectivity	1.32						it_ccenttv_20_enus
			CCENT: Discovery Protocols	0.4						it_ccenttv_21_enus
			CCENT: Port Security	0.85						it_ccenttv_22_enus
			CCENT: Functions of Routing	1.6						it_ccenttv_23_enus
			CCENT: Inter VLAN Routing	0.83						it_ccenttv_24_enus
			CCENT: Static Routing	0.95						it_ccenttv_25_enus
			CCENT: RIPv2 Configuration	1.58						it_ccenttv_26_enus
			CCENT: DNS Configuration	0.97						it_ccenttv_27_enus
			CCENT: DHCP Configuration	0.85						it_ccenttv_28_enus
			CCENT: NTP Configuration	0.95						it_ccenttv_29_enus
			CCENT: Access Control Lists Part 1	1						it_ccenttv_30_enus
			CCENT: Access Control Lists Part 2	0.88						it_ccenttv_31_enus
			CCENT: NAT Configuration	1.37						it_ccenttv_32_enus
			CCENT: Device Management	1.05						it_ccenttv_33_enus
			CCENT: Device Hardening	1.47						it_ccenttv_34_enus
			CCENT: Subnetting Practice	0.75						it_ccenttv_35_enus
			ITPro.TV - Interconnecting Cisco Network Devices Part 2							
			ICND2 3.0: Implementing VLANs	1.2						it_ccnarstv_01_enus
			ICND2 3.0: Trunking Overview	1.1						it_ccnarstv_02_enus
			ICND2 3.0: Configuring Trunking	0.93						it_ccnarstv_03_enus
			ICND2 3.0: Spanning Tree Overview	1.57						it_ccnarstv_04_enus
			ICND2 3.0: Spanning Tree Configuration and Verification	0.88						it_ccnarstv_05_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			ICND2 3.0: PortFast and BPDU guard	0.52						it_ccnarstv_06_enus
			ICND2 3.0: Configuring EtherChannel	1.2						it_ccnarstv_07_enus
			ICND2 3.0: Switch Aggregation and Threat Mitigation	1.03						it_ccnarstv_08_enus
			ICND2 3.0: InterVLAN Routing	0.8						it_ccnarstv_09_enus
			ICND2 3.0: Routing Protocols	1.7						it_ccnarstv_10_enus
			ICND2 3.0: OSPFv2 Operations	1.03						it_ccnarstv_11_enus
			ICND2 3.0: Configuring OSPFv2	0.9						it_ccnarstv_12_enus
			ICND2 3.0: Configuring Multiarea OSPFv2	1.63						it_ccnarstv_13_enus
			ICND2 3.0: Configuring and Verifying OSPFv3	0.97						it_ccnarstv_14_enus
			ICND2 3.0: Implementing EIGRP	1.55						it_ccnarstv_15_enus
			ICND2 3.0: Configuring and Verifying EIGRP	1.47						it_ccnarstv_16_enus
			ICND2 3.0: Wide Area Networks Using PPP	1.22						it_ccnarstv_17_enus
			ICND2 3.0: Wide Area Networks Using GRE and eBGP	0.95						it_ccnarstv_18_enus
			ICND2 3.0: WAN Topologies and Connectivity	1.1						it_ccnarstv_19_enus
			ICND2 3.0: Infrastructure Services	1.02						it_ccnarstv_20_enus
			ICND2 3.0: QoS Overview	0.58						it_ccnarstv_21_enus
			ICND2 3.0: Configuring ACLs	1.7						it_ccnarstv_22_enus
			ICND2 3.0: SNMP Monitoring	0.5						it_ccnarstv_23_enus
			ICND2 3.0: Device Monitoring, Management, and Programmability	1.02						it_ccnarstv_24_enus
			ICND2 3.0: Troubleshooting Connectivity	1.35						it_ccnarstv_25_enus
			ITPro.TV - Implementing Cisco Network Security (IINS) 3.0							
			IINS 3.0: Introduction to Cisco Security	0.8						it_ccnastv_01_enus
			IINS 3.0: SIEM Technology and Security Terminology	1.2						it_ccnastv_02_enus
			IINS 3.0: Introduction to Network Attacks	1.1						it_ccnastv_03_enus
			IINS 3.0: Specific Network Attacks	0.58						it_ccnastv_04_enus
			IINS 3.0: Malware and Data Loss	1.17						it_ccnastv_05_enus
			IINS 3.0: Encryption Methods	0.93						it_ccnastv_06_enus
			IINS 3.0: Cryptographic Key Exchange	1.02						it_ccnastv_07_enus
			IINS 3.0: Network Topologies	1.2						it_ccnastv_08_enus
			IINS 3.0: Secure Device Management	0.5						it_ccnastv_09_enus
			IINS 3.0: Auto Secure	0.8						it_ccnastv_10_enus
			IINS 3.0: Management Plane Access	0.92						it_ccnastv_11_enus
			IINS 3.0: Simple Network Management Protocol	0.6						it_ccnastv_12_enus
			IINS 3.0: Network Time Protocol	0.82						it_ccnastv_13_enus
			IINS 3.0: SCP and AAA Technologies	1.02						it_ccnastv_14_enus
			IINS 3.0: TACACS+	0.88						it_ccnastv_15_enus
			IINS 3.0: Network Access Control	1.03						it_ccnastv_16_enus
			IINS 3.0: Port Based Access Control, BYOD, and MDM	0.98						it_ccnastv_17_enus
			IINS 3.0: IPsec and VPN	0.97						it_ccnastv_18_enus
			IINS 3.0: Clientless SSL VPN & ASDM	0.65						it_ccnastv_19_enus
			IINS 3.0: AnyConnect VPN Using ASDM	1.15						it_ccnastv_20_enus
			IINS 3.0: IPSec Site-to-Site VPN	1.02						it_ccnastv_21_enus
			IINS 3.0: Secure CLI Access	0.55						it_ccnastv_22_enus
			IINS 3.0: OSPF and EIGRP Authentication	1.07						it_ccnastv_23_enus
			IINS 3.0: Attack Mitigation	1.5						it_ccnastv_24_enus
			IINS 3.0: Control Plane Policing	0.47						it_ccnastv_25_enus
			IINS 3.0: PVLANs and VLAN Security	1.05						it_ccnastv_26_enus
			IINS 3.0: Firewall Technology	0.62						it_ccnastv_27_enus
			IINS 3.0: Network Address Translation	0.85						it_ccnastv_28_enus
			IINS 3.0: Zone-Based Firewall Configuration	0.75						it_ccnastv_29_enus
			IINS 3.0: ASA Security and Policies	1.42						it_ccnastv_30_enus
			IINS 3.0: Firewall Features	0.57						it_ccnastv_31_enus
			IINS 3.0: IPS Deployment Configuration	1.13						it_ccnastv_32_enus
			IINS 3.0: Configuring Cisco IPS	0.92						it_ccnastv_33_enus
			IINS 3.0: Threat Mitigation for Email, Web, and Endpoints	1.27						it_ccnastv_34_enus
			ITPro.TV - Implementing Cisco Cybersecurity Operations							
			SECOPS: Analyzing Threat Mitigation Reports	1.53						it_secopstv_01_enus
			SECOPS: Scoring with CVSS 3.0	1.52						it_secopstv_02_enus
			SECOPS: Securing File Systems	1.27						it_secopstv_03_enus
			SECOPS: Identifying Forensic Evidence	1.1						it_secopstv_04_enus
			SECOPS: Interpreting Regular Expressions	0.98						it_secopstv_05_enus
			SECOPS: Protocol Header Security	1.4						it_secopstv_06_enus
			SECOPS: IP Header Security	1.38						it_secopstv_07_enus
			SECOPS: ICMP Intrusion	0.95						it_secopstv_08_enus
			SECOPS: ICMP Intrusion Part 2	0.88						it_secopstv_09_enus
			SECOPS: Transport Layer Headers	1.25						it_secopstv_10_enus
			SECOPS: HTTP Headers	1.25						it_secopstv_11_enus
			SECOPS: Identifying NetFlow v5 Records	0.93						it_secopstv_12_enus
			SECOPS: Examining Intrusion Events	0.37						it_secopstv_13_enus
			SECOPS: Intrusion Event Technologies	1.25						it_secopstv_14_enus
			SECOPS: Analyzing Intrusion Impact	0.98						it_secopstv_15_enus
			SECOPS: Responding to Incidents	1						it_secopstv_16_enus
			SECOPS: CSIRT Goals and Cybersec Elements	0.88						it_secopstv_17_enus
			SECOPS: Data Normalization and 5-Tuple Correlation	0.55						it_secopstv_18_enus
			SECOPS: Firepower Management Console and Analysis Methods	0.85						it_secopstv_19_enus
			SECOPS: Categorize and Classify Intrusions	1.13						it_secopstv_20_enus
			SECOPS: Handling Incident Events and Evidence	1.3						it_secopstv_21_enus

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			ITPro.TV - Understanding Cisco Cybersecurity Fundamentals							
			SECFND: Overview and Network Models	0.62						it_secfndtv_01_enus
			SECFND: Network Models	0.85						it_secfndtv_02_enus
			SECFND: Basic Networking Protocols	1.02						it_secfndtv_03_enus
			SECFND: Basic Networking Services	1.03						it_secfndtv_04_enus
			SECFND: Network Devices Operations & Security	1.17						it_secfndtv_05_enus
			SECFND: Network Addressing	0.87						it_secfndtv_06_enus
			SECFND: VLANs and Data Visibility	0.47						it_secfndtv_07_enus
			SECFND: ACLs & Filtering	0.88						it_secfndtv_08_enus
			SECFND: Filtering and Packet Capture	0.97						it_secfndtv_09_enus
			SECFND: Packet Analysis	0.82						it_secfndtv_10_enus
			SECFND: Data Loss & Defense in Depth	0.92						it_secfndtv_11_enus
			SECFND: Security Concepts	0.93						it_secfndtv_12_enus
			SECFND: Security Management Part 1	0.8						it_secfndtv_13_enus
			SECFND: Security Management Part 2	0.52						it_secfndtv_14_enus
			SECFND: Cryptography	0.9						it_secfndtv_15_enus
			SECFND: Digital Signatures	1.28						it_secfndtv_16_enus
			SECFND: SSL/TLS Components	0.97						it_secfndtv_17_enus
			SECFND: Cryptographic Hashing Algorithms	0.52						it_secfndtv_18_enus
			SECFND: Cryptographic Encryption Algorithms	1.05						it_secfndtv_19_enus
			SECFND: Windows Host Terminology	0.55						it_secfndtv_20_enus
			SECFND: Linux Host Terminology	0.87						it_secfndtv_21_enus
			SECFND: Endpoint Security	0.53						it_secfndtv_22_enus
			SECFND: Interpreting Log Data	0.8						it_secfndtv_23_enus
			SECFND: Network Data Types	0.97						it_secfndtv_24_enus
			SECFND: Network Data Types and Security Monitoring	0.9						it_secfndtv_25_enus
			SECFND: Network Monitoring	0.95						it_secfndtv_26_enus
			SECFND: Next Generation Firewalls	0.43						it_secfndtv_27_enus
			SECFND: Monitoring Network Protocols	0.85						it_secfndtv_28_enus
			SECFND: Security Attack Concepts	0.52						it_secfndtv_29_enus
			SECFND: Network and Web Attacks	0.77						it_secfndtv_30_enus
			SECFND: Attacks and Evasion	0.88						it_secfndtv_31_enus
			ITPro.TV - Implementing Cisco IP Routing							
			ROUTE 2.0: IP Operations	0.95						it_ccnprtv_02_enus
			ROUTE 2.0: TCP and UDP Operations	0.95						it_ccnprtv_03_enus
			ROUTE 2.0: Point-to-Point Networking	1.23						it_ccnprtv_05_enus
			ROUTE 2.0: IPv6 Addressing	1.03						it_ccnprtv_09_enus
			ROUTE 2.0: IPv6 Addressing and DHCP	0.55						it_ccnprtv_10_enus
			ROUTE 2.0: Default Routes	0.47						it_ccnprtv_12_enus
			ROUTE 2.0: Administrative Distance and Passive Interfaces	1						it_ccnprtv_14_enus
			ROUTE 2.0: Using VRF Lite	0.93						it_ccnprtv_15_enus
			ROUTE 2.0: Route Filtering	0.93						it_ccnprtv_16_enus
			ROUTE 2.0: Route Filtering for EIGRP, OSPF, and BGP	0.37						it_ccnprtv_17_enus
			ROUTE 2.0: Route Redistribution with RIP and EIGRP	0.97						it_ccnprtv_18_enus
			ROUTE 2.0: Route Redistribution with OSPF	0.6						it_ccnprtv_19_enus
			ROUTE 2.0: Router Summarization for RIP	0.57						it_ccnprtv_20_enus
			ROUTE 2.0: Router Summarization for EIGRP and OSPF	0.92						it_ccnprtv_21_enus
			ROUTE 2.0: Routing Policies	1.1						it_ccnprtv_22_enus
			ROUTE 2.0: OSPF Virtual Links and Paths	1						it_ccnprtv_37_enus
			ROUTE 2.0: BGP Loopback and Propagation	1.12						it_ccnprtv_40_enus
			ROUTE 2.0: Multiprotocol BGP	0.38						it_ccnprtv_41_enus
			ROUTE 2.0: Introduction to Networking	1.03						it_ccnprtv_01_enus
			ROUTE 2.0: Network Migration	0.35						it_ccnprtv_04_enus
			ROUTE 2.0: Frame Relay Operations	1.27						it_ccnprtv_06_enus
			ROUTE 2.0: IPv4 Addressing Types	0.83						it_ccnprtv_07_enus
			ROUTE 2.0: IP Addressing and DHCP	0.88						it_ccnprtv_08_enus
			ROUTE 2.0: Static Routing	0.9						it_ccnprtv_11_enus
			ROUTE 2.0: Routing Protocol Types	0.85						it_ccnprtv_13_enus
			ROUTE 2.0: Loop Prevention Using Built-In Mechanisms	0.53						it_ccnprtv_23_enus
			ROUTE 2.0: Loop Prevention Using Route Tags and Maps	0.8						it_ccnprtv_24_enus
			ROUTE 2.0: Routing Information Protocol	0.83						it_ccnprtv_25_enus
			ROUTE 2.0: Introduction to EIGRP	0.88						it_ccnprtv_26_enus
			ROUTE 2.0: EIGRP Neighbors	1.03						it_ccnprtv_27_enus
			ROUTE 2.0: EIGRP Authentication	0.37						it_ccnprtv_28_enus
			ROUTE 2.0: EIGRP Stubs	1.03						it_ccnprtv_29_enus
			ROUTE 2.0: EIGRP Load Balancing and Metrics	0.87						it_ccnprtv_30_enus
			ROUTE 2.0: EIGRP Over IPv6	0.53						it_ccnprtv_31_enus
			ROUTE 2.0: OSPF Packet Types	0.57						it_ccnprtv_32_enus
			ROUTE 2.0: OSPF Configuration	0.95						it_ccnprtv_33_enus
			ROUTE 2.0: OSPF Network and LSA Types	1.02						it_ccnprtv_34_enus
			ROUTE 2.0: OSPF Route Types	0.48						it_ccnprtv_35_enus
			ROUTE 2.0: OSPF Area Types	1.02						it_ccnprtv_36_enus
			ROUTE 2.0: OSPF IPv6 Routing	0.42						it_ccnprtv_38_enus
			ROUTE 2.0: Border Gateway Protocol Introduction	1						it_ccnprtv_39_enus
			ROUTE 2.0: BGP Attributes	0.95						it_ccnprtv_42_enus
			ROUTE 2.0: Generic Routing Encapsulation Tunnels	0.9						it_ccnprtv_43_enus
			ROUTE 2.0: Dynamic Multipoint, Easy VPN, and Ipsec	1.2						it_ccnprtv_44_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			ROUTE 2.0: Authentication, Authorization, and Accounting	0.48						it_ccnprtv_45_enus
			ROUTE 2.0: Access Control	0.8						it_ccnprtv_46_enus
			ROUTE 2.0: Security Features	1						it_ccnprtv_47_enus
			ROUTE 2.0: Device Management	0.9						it_ccnprtv_48_enus
			ROUTE 2.0: SNMP and NTP	1						it_ccnprtv_49_enus
			ROUTE 2.0: Logging and Debugging	0.8						it_ccnprtv_50_enus
			ROUTE 2.0: DHCP Server	0.8						it_ccnprtv_51_enus
			ROUTE 2.0: DHCP IPv6 Stateless Server	0.4						it_ccnprtv_52_enus
			ROUTE 2.0: Network Address Translation	1.03						it_ccnprtv_53_enus
			ROUTE 2.0: SLAs and Object Tracking	1						it_ccnprtv_54_enus
			ROUTE 2.0: NetFlow	0.45						it_ccnprtv_55_enus
			ITPro.TV - Implementing Cisco IP Switched Networks							
			SWITCH 2.0 : Switch Overview and Administration	1						it_ccnpstv_01_enus
			SWITCH 2.0 : Layer 2 Network Discovery	0.5						it_ccnpstv_02_enus
			SWITCH 2.0 : Virtual LANs	1.1						it_ccnpstv_03_enus
			SWITCH 2.0 : Trunking	1						it_ccnpstv_04_enus
			SWITCH 2.0 : VLAN Trunk Protocol	0.9						it_ccnpstv_05_enus
			SWITCH 2.0 : VLAN Trunk Protocol Pruning	0.9						it_ccnpstv_06_enus
			SWITCH 2.0 : EtherChannel	1.1						it_ccnpstv_07_enus
			SWITCH 2.0 : Spanning Tree and Per VLAN Spanning Tree	0.9						it_ccnpstv_08_enus
			SWITCH 2.0 : STP Timers and Failover	0.6						it_ccnpstv_09_enus
			SWITCH 2.0 : Rapid and Multiple Spanning Tree	0.8						it_ccnpstv_10_enus
			SWITCH 2.0 : STP Enhancements	0.87						it_ccnpstv_11_enus
			SWITCH 2.0 : SPAN, RSPAN, and StackWise Clustering	0.9						it_ccnpstv_12_enus
			SWITCH 2.0 : L2 Attacks and Port Security	0.77						it_ccnpstv_13_enus
			SWITCH 2.0 : DHCP Snooping, IPSG, and DAI	1						it_ccnpstv_14_enus
			SWITCH 2.0 : VLAN ACLs and Private VLANs	0.93						it_ccnpstv_15_enus
			SWITCH 2.0 : Storm Control and Port-Based Authentication	0.78						it_ccnpstv_16_enus
			SWITCH 2.0 : Layer 3 Switching	0.8						it_ccnpstv_17_enus
			SWITCH 2.0 : Hot Standby Router Protocol	0.92						it_ccnpstv_18_enus
			SWITCH 2.0 : VRRP and GLBP	0.77						it_ccnpstv_19_enus
			ITPro.TV - Troubleshooting and Maintaining Cisco IP Networks							
			TSHOOT 2.0 : Logging & Path Verification	0.88						it_ccnpttv_02_enus
			TSHOOT 2.0 : Response Automation & Backups	0.95						it_ccnpttv_03_enus
			TSHOOT 2.0 : Network Traffic Viewing, Reporting, & Monitoring	0.92						it_ccnpttv_04_enus
			TSHOOT 2.0 : Troubleshooting Basics	0.53						it_ccnpttv_05_enus
			TSHOOT 2.0 : Layer 2 Troubleshooting Part 1	0.9						it_ccnpttv_06_enus
			TSHOOT 2.0 : HSRP Troubleshooting	1.13						it_ccnpttv_10_enus
			TSHOOT 2.0 : VRRP Troubleshooting	0.28						it_ccnpttv_11_enus
			TSHOOT 2.0 : Layer 3 Troubleshooting	1.38						it_ccnpttv_12_enus
			TSHOOT 2.0 : Routing Troubleshooting Part 1	0.65						it_ccnpttv_13_enus
			TSHOOT 2.0 : Routing Troubleshooting Part 2	1.03						it_ccnpttv_14_enus
			TSHOOT 2.0 : OSPF Troubleshooting Part 1	0.88						it_ccnpttv_15_enus
			TSHOOT 2.0 : OSPF Troubleshooting Part 2	0.98						it_ccnpttv_16_enus
			TSHOOT 2.0 : OSPF Troubleshooting Part 3	0.73						it_ccnpttv_17_enus
			TSHOOT 2.0 : EIGRP Troubleshooting Part 3	1.2						it_ccnpttv_20_enus
			TSHOOT 2.0 : Miscellaneous Troubleshooting	0.75						it_ccnpttv_24_enus
			TSHOOT 2.0 : Layer 2 Troubleshooting Part 3	0.82						it_ccnpttv_08_enus
			TSHOOT 2.0 : Layer 2 Troubleshooting Part 2	0.95						it_ccnpttv_07_enus
			TSHOOT 2.0 : EtherChannel & Spanning Tree Troubleshooting	1.02						it_ccnpttv_09_enus
			TSHOOT 2.0 : EIGRP Troubleshooting Part 1	0.97						it_ccnpttv_18_enus
			TSHOOT 2.0 : EIGRP Troubleshooting Part 2	0.93						it_ccnpttv_19_enus
			TSHOOT 2.0 : BGP Troubleshooting Part 1	1.08						it_ccnpttv_21_enus
			TSHOOT 2.0 : BGP Troubleshooting Part 2	0.8						it_ccnpttv_22_enus
			TSHOOT 2.0 : BGP IPv6 Troubleshooting	0.68						it_ccnpttv_23_enus
			TSHOOT 2.0 : Troubleshooting & Manipulating Output	1.02						it_ccnpttv_01_enus
			ITPro.TV - Implement Cisco Edge Network Security Solutions							
			SENS 1.0: IOS Security Configuration	0.92						it_ccsensstv_01_enus
			SENS 1.0: Role-Based Access Control	0.9						it_ccsensstv_02_enus
			SENS 1.0: Zone-Based Firewalls	0.6						it_ccsensstv_03_enus
			SENS 1.0: ASA Firewall Configuration & Access Control	1.13						it_ccsensstv_04_enus
			SENS 1.0: Twice NAT & Network Object NAT	0.95						it_ccsensstv_05_enus
			SENS 1.0: ASA Firewall Access Control	1.02						it_ccsensstv_06_enus
			SENS 1.0: IPv6 Support & Traffic Inspection	0.82						it_ccsensstv_07_enus
			SENS 1.0: Transparent Firewalls & Security Contexts	1.02						it_ccsensstv_08_enus
			SENS 1.0: High Availability & Private VLANs	1.03						it_ccsensstv_09_enus
			SENS 1.0: DHCP Snooping & IP Source Guard	0.72						it_ccsensstv_10_enus
			SENS 1.0: Cisco Port-Based Traffic Control	0.82						it_ccsensstv_11_enus
			SENS 1.0: Traffic & Device Monitoring	0.83						it_ccsensstv_12_enus
			SENS 1.0: Centralized Logging & Device Management	0.67						it_ccsensstv_13_enus
			ITPro.TV - 210-451: Understanding Cisco Cloud Fundamentals (CLDFND)							
			CLDFND: Cloud Characteristics	1.07						it_ccnacdvt_01_enus
			CLDFND: Cloud Service Models	0.52						it_ccnacdvt_02_enus
			CLDFND: IaaS, PaaS, & SaaS	1.52						it_ccnacdvt_03_enus
			CLDFND: Public & Private Cloud Deployment Models	0.8						it_ccnacdvt_04_enus
			CLDFND: Community & Hybrid Cloud	0.77						it_ccnacdvt_05_enus
			CLDFND: Cisco CloudCenter	0.47						it_ccnacdvt_06_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			CLDFND: Cisco CloudCenter Components	0.98						it_ccnacdtv_07_enus
			CLDFND: Cisco UCS	1						it_ccnacdtv_08_enus
			CLDFND: Server & Infrastructure Virtualization	0.93						it_ccnacdtv_09_enus
			CLDFND: Cisco Cloud Virtualization	0.4						it_ccnacdtv_10_enus
			CLDFND: Virtual Networking Services	0.93						it_ccnacdtv_11_enus
			CLDFND: VLANs & VXLANs	0.83						it_ccnacdtv_12_enus
			CLDFND: Virtual Application Containers	0.53						it_ccnacdtv_13_enus
			CLDFND: Cisco Unified Fabric	1.05						it_ccnacdtv_14_enus
			CLDFND: Software-Defined Networking	0.52						it_ccnacdtv_15_enus
			CLDFND: Cisco Application Centric Infrastructure	0.95						it_ccnacdtv_16_enus
			CLDFND: Storage Provisioning	0.95						it_ccnacdtv_17_enus
			CLDFND: Storage Access Technologies	0.48						it_ccnacdtv_18_enus
			CLDFND: Block & File Storage Access	1.3						it_ccnacdtv_19_enus
			CLDFND: SAN, NAS, & Cisco Storage Network Devices	0.88						it_ccnacdtv_20_enus
			CLDFND: Integrated Infrastructure & Cisco InterCloud Fabric	0.68						it_ccnacdtv_21_enus
			CLDFND: Cisco CloudCenter Components	0.98						it_ccnacdtv_07_03_enus
			CLDFND: Cisco CloudCenter	0.47						it_ccnacdtv_06_04_enus
			CLDFND: Cisco UCS	1						it_ccnacdtv_08_04_enus
			CLDFND: Virtual Networking Services	0.93						it_ccnacdtv_11_03_enus
			CLDFND: Cisco Cloud Virtualization	0.4						it_ccnacdtv_10_04_enus
			CLDFND: Virtual Application Containers	0.53						it_ccnacdtv_13_04_enus
			CLDFND: Public & Private Cloud Deployment Models	0.8						it_ccnacdtv_04_03_enus
			CLDFND: IaaS, PaaS, & SaaS	1.52						it_ccnacdtv_03_03_enus
			CLDFND: Community & Hybrid Cloud	0.77						it_ccnacdtv_05_03_enus
			CLDFND: Cloud Characteristics	1.07						it_ccnacdtv_01_03_enus
			CLDFND: Cloud Service Models	0.52						it_ccnacdtv_02_04_enus
			CLDFND: Server & Infrastructure Virtualization	0.93						it_ccnacdtv_09_03_enus
			CLDFND: Block & File Storage Access	1.3						it_ccnacdtv_19_04_enus
			CLDFND: Cisco Application Centric Infrastructure	0.95						it_ccnacdtv_16_04_enus
			CLDFND: Cisco Unified Fabric	1.05						it_ccnacdtv_14_04_enus
			CLDFND: VLANs & VXLANs	0.83						it_ccnacdtv_12_04_enus
			CLDFND: Storage Access Technologies	0.48						it_ccnacdtv_18_04_enus
			CLDFND: Software-Defined Networking	0.52						it_ccnacdtv_15_05_enus
			CLDFND: SAN, NAS, & Cisco Storage Network Devices	0.88						it_ccnacdtv_20_04_enus
			CLDFND: Integrated Infrastructure & Cisco InterCloud Fabric	0.68						it_ccnacdtv_21_03_enus
			CLDFND: Storage Provisioning	0.95						it_ccnacdtv_17_04_enus
			Cisco Certified Network Associate (CCNA)							
			CCNA 2020: Static Routing	2.07						it_ccna2020tv_18_enus
			CCNA 2020: Dynamic Routing	1.97						it_ccna2020tv_19_enus
			CCNA 2020: Configuring & Verifying NAT	0.9						it_ccna2020tv_20_enus
			CCNA 2020: NTP, DNS, & DHCP	1.05						it_ccna2020tv_21_enus
			CCNA 2020: SNMP, Syslog, & PHB for QoS	1.1						it_ccna2020tv_22_enus
			CCNA 2020: Configuring SSH, FTP, & TFTP	0.7						it_ccna2020tv_23_enus
			CCNA 2020: IT Security Concepts	0.37						it_ccna2020tv_24_enus
			CCNA 2020: AAA Security & VPN Types	0.65						it_ccna2020tv_26_enus
			CCNA 2020: Configuring & Verifying ACLs	0.98						it_ccna2020tv_27_enus
			CCNA 2020: APIs & Cisco DNA Center	1.1						it_ccna2020tv_30_enus
			CCNA 2020: Layer 1 Interfaces & Cabling	0.92						it_ccna2020tv_06_enus
			CCNA 2020: Networking Components	0.85						it_ccna2020tv_01_enus
			CCNA 2020: Network Topology Architectures	0.52						it_ccna2020tv_04_enus
			CCNA 2020: Networking Protocols	0.72						it_ccna2020tv_08_enus
			CCNA 2020: Spanning Tree Protocol	1.4						it_ccna2020tv_15_enus
			CCNA 2020: IPv4 Subnetting	1.78						it_ccna2020tv_10_enus
			CCNA 2020: Virtualization Concepts	0.62						it_ccna2020tv_12_enus
			CCNA 2020: Network Access, VLAN Configuration, & Interswitch Connectivity	1.87						it_ccna2020tv_13_enus
			CCNA 2020: L2 Discovery Protocols & L2 and L3 EtherChannel Configuration	1.35						it_ccna2020tv_14_enus
			CCNA 2020: IPv6 Addressing & Configuration	1.37						it_ccna2020tv_11_enus
			CCNA 2020: Configuring Port Security, DHCP Snooping, & DAI	1.03						it_ccna2020tv_28_enus
			CCNA 2020: Cisco Wireless Architecture & WLAN Components	0.95						it_ccna2020tv_16_enus
			CCNA 2020: Cisco WLC Configuration & Wireless Management Access	0.62						it_ccna2020tv_17_enus
			CCNA 2020: IP Addressing Basics & Configuration	0.93						it_ccna2020tv_09_enus
			CCNA 2020: Layer 1 Physical & Configuration Issues	0.62						it_ccna2020tv_07_enus
			CCNA 2020: Network Topology Architectures - WAN, Cloud, & SOHO	0.88						it_ccna2020tv_05_enus
			CCNA 2020: Security Program & Password Policy Components	0.65						it_ccna2020tv_25_enus
			CCNA 2020: Networking Components - NGFW, NGIPS, & Cisco DNA Center	0.63						it_ccna2020tv_02_enus
			CCNA 2020: WLCs, Access Points, Servers, & Endpoints	0.68						it_ccna2020tv_03_enus
			CCNA 2020: Configuration Management & JSON Encoded Data	0.65						it_ccna2020tv_31_enus
			CCNA 2020: Automation, Network Programmability, & SDN Architectures	0.65						it_ccna2020tv_29_enus
			Cisco Certified DevNet Associate (DEVASC)							
			DEVASC: Setting up Development & Virtualization Tools in Windows	0.62						it_ccdnatv_02_enus
			DEVASC: Development Methodologies & Software Quality	0.48						it_ccdnatv_05_enus
			DEVASC: Code Organization, Design Patterns, & Version Control	0.85						it_ccdnatv_06_enus
			DEVASC: IPv4 Addressing, Binary Conversion, & Subnetting	0.73						it_ccdnatv_15_enus
			DEVASC: IP Services & Operational Planes	0.48						it_ccdnatv_17_enus
			DEVASC: Network Components, Connectivity, & Troubleshooting	0.9						it_ccdnatv_16_enus
			DEVASC: Working with Git	0.73						it_ccdnatv_07_enus
			DEVASC: DevNet Overview & Setting up Tools in Linux	0.63						it_ccdnatv_01_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			DEVASC: Working with Data Formats	0.97						it_ccdnatv_03_enus
			DEVASC: Software Development Methodologies	0.93						it_ccdnatv_04_enus
			DEVASC: HTTP, APIs, & Webhooks	0.98						it_ccdnatv_08_enus
			DEVASC: API Usage & Authentication	0.72						it_ccdnatv_09_enus
			DEVASC: Network, Collaboration, Security, & Compute Capabilities	1.17						it_ccdnatv_18_enus
			DEVASC: Python Scripting & Managing WebEx Resources	0.67						it_ccdnatv_19_enus
			DEVASC: Application Infrastructure, Deployment, Security, & CI/CD	1.03						it_ccdnatv_10_enus
			DEVASC: DevOps, Docker, Bash, & Unit Testing Basics	1.13						it_ccdnatv_11_enus
			DEVASC: Coding, Testing, & Managing Cisco Devices	1.15						it_ccdnatv_12_enus
			DEVASC: Configuring Devices with Bash, Python, & Ansible	0.9						it_ccdnatv_13_enus
			DEVASC: Network & Network Communication Basics	0.58						it_ccdnatv_14_enus
		Implementing and	Operating Cisco Enterprise Network Core Technologies (ENCOR)							
			ENCOR: Overview, Enterprise Network Design, & High Availability	0.88						it_cencottv_01_enus
			ENCOR: Path Virtualization Technologies & Troubleshooting	0.8						it_cencottv_05_enus
			ENCOR: WLAN Deployment, SD-WAN, & SD-Access	1.05						it_cencottv_02_enus
			ENCOR: QoS & Cisco Express Forwarding	0.97						it_cencottv_03_enus
			ENCOR: LISP & VXLAN	0.63						it_cencottv_06_enus
			ENCOR: Wireless & Network Security	0.77						it_cencottv_18_enus
			ENCOR: VTP and Troubleshooting 802.1Q & EtherChannel	0.83						it_cencottv_07_enus
			ENCOR: RSTP, MST, & Routing Concepts	0.92						it_cencottv_08_enus
			ENCOR: OSPF LSAs, Features, & Troubleshooting	1.22						it_cencottv_09_enus
			ENCOR: eBGP & BGP	1.35						it_cencottv_10_enus
			ENCOR: WLAN Layer 1 & Access Point Concepts	0.7						it_cencottv_11_enus
			ENCOR: Wireless Roaming & Troubleshooting	0.48						it_cencottv_12_enus
			ENCOR: NTP, NAT, & PAT	0.58						it_cencottv_13_enus
			ENCOR: Access Control & REST API Security	0.98						it_cencottv_17_enus
			ENCOR: Device & Path Virtualization Technologies	0.62						it_cencottv_04_enus
			ENCOR: First Hop Redundancy Protocols & Multicast	0.8						it_cencottv_14_enus
			ENCOR: Troubleshooting Tools, System Logging, & NetFlow	0.75						it_cencottv_15_enus
			ENCOR: SPAN, IP SLA, SDN, & Remote Device Configuration	0.85						it_cencottv_16_enus
			ENCOR: Network Programmability, EEM, & Orchestration Tools	1						it_cencottv_19_enus
		Getting Started with	Site Reliability							
			Site Reliability: Engineering	1.1						it_sreqsredi_01_enus
	Network Management and Security									
		Software Defined	Networking Essentials							
			Software Defined Networking Fundamentals	1.55						dt_sdne_a01_it_enus
		Juniper Networks	Junos Essentials							
			Juniper Networks Junos Essentials: Networking Fundamentals	2.67						dt_inca_a01_it_enus
			Juniper Networks Junos Essentials: Junos OS Fundamentals	2.43						dt_inca_a02_it_enus
			Juniper Networks Junos Essentials: Configuration Basics	2.02						dt_inca_a03_it_enus
			Juniper Networks Junos Essentials: Monitoring and Maintenance	1.92						dt_inca_a04_it_enus
			Juniper Networks Junos Essentials: Routing Fundamentals	2						dt_inca_a05_it_enus
			Juniper Networks Junos Essentials: Routing Policy & Firewall Filters	1.87						dt_inca_a06_it_enus
	Cloud Computing									
		Managing Citrix	XenDesktop 7 Solutions							
			Administrating XenDesktop 7.5 and Hypervisor Management	2.85						cl_ctrx_a01_it_enus
			Managing XenDesktop 7.5 Desktops and Applications	2.82						cl_ctrx_a02_it_enus
			Configuring Citrix XenDesktop 7.6 Components	3.12						cl_ctrx_a03_it_enus
			Managing a Citrix XenDesktop 7.6 Environment	2.32						cl_ctrx_a04_it_enus
			Monitoring a Citrix XenDesktop 7.6 Environment	2.05						cl_ctrx_a05_it_enus
			Troubleshooting a Citrix XenDesktop 7.6 Environment	2.53						cl_ctrx_a06_it_enus
		OpenStack	Fundamentals							
			Implementing OpenStack	2.65						cl_opst_a01_it_enus
			Configuring OpenStack	2.9						cl_opst_a02_it_enus
		Virtualizing Enterprise	Desktops and Apps							
			Virtualizing Enterprise Desktops and Apps: Plan App Virtualization and Use MAP	1.92						cl_veda_a01_it_enus
			Virtualizing Enterprise Desktops and Apps: App-V Clients and App Sequencing	2.58						cl_veda_a02_it_enus
			Virtualizing Enterprise Desktops and Apps: VM-based and Session-based RDS	2.47						cl_veda_a03_it_enus
			Virtualizing Enterprise Desktops and Apps: RemoteApps	1.62						cl_veda_a04_it_enus
			Virtualizing Enterprise Desktops and Apps: Plan for Resilient Virtualized Apps	1.47						cl_veda_a05_it_enus
		Certified Cloud Security Professional (CCSP)								
			Cloud System Architecture – Concepts and Design	2.15						cl_csip_a01_it_enus
			Cloud Data Security	1.92						cl_csip_a02_it_enus
			Cloud System Security - Platform and Infrastructure	1.98						cl_csip_a03_it_enus
			Cloud Application Security	2.23						cl_csip_a04_it_enus
			Cloud Service – Operations Management	3.02						cl_csip_a05_it_enus
			Cloud Service – Legal and Compliance	2.1						cl_csip_a06_it_enus
		Cloud Computing for the Business User								
			Cloud Computing for the Business User: Concepts and Moving to the Cloud	1.85						cl_ccbu_a01_it_enus
		Cloud Computing	Technology Fundamentals							
			Cloud Computing Fundamentals: Overview	1.83						cl_cctf_a01_it_enus
			Cloud Computing Fundamentals: Virtualization and Data Centers	1.38						cl_cctf_a02_it_enus
			Cloud Computing Fundamentals: Storing and Managing Cloud Data	2.07						cl_cctf_a03_it_enus
			Cloud Computing Fundamentals: Migrating to the Cloud	1.1						cl_cctf_a04_it_enus
			Cloud Computing Fundamentals: Identity, Presence, and Privacy	1.67						cl_cctf_a05_it_enus
			Cloud Computing Fundamentals: Cloud Security	2.02						cl_cctf_a06_it_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Microsoft SCCM 2012: Administering and Deploying							
			Overview & Prerequisite Setup for System Center Configuration Manager 2012 R2	1.02						cl_sccm_a01_it_enus
			Basic SCCM Maintenance and Managing Operating System Deployment	1.23						cl_sccm_a02_it_enus
			Deploying Applications and Software Updates	1.58						cl_sccm_a03_it_enus
			Administering System Center Configuration Manager 2012 R2	1.78						cl_sccm_a04_it_enus
			SCCM 2012 R2 Performance and Health Monitoring	1.5						cl_sccm_a05_it_enus
			SCCM 2012 R2 Boundaries and Security Considerations	1.7						cl_sccm_a06_it_enus
			SCCM 2012 R2 Compliance Settings and Managing Clients	2.25						cl_sccm_a07_it_enus
			Managing Inventory and Reporting	1.93						cl_sccm_a08_it_enus
			Engineering DevOps on Amazon Web Services							
			Source Control on AWS	1.12						cl_daws_a01_it_enus
			Deployment and Delivery on AWS	1.25						cl_daws_a02_it_enus
			Amazon ECS and OpsWorks	1.48						cl_daws_a03_it_enus
			Using AWS CodeDeploy	1.08						cl_daws_a04_it_enus
			Google Cloud SQL for Developers							
			Google Cloud SQL for Developers: Instance Management in the Developers Console	1.98						cl_gsqli_a01_it_enus
			Google Cloud SQL for Developers: Interacting, Connecting, and Management	1.98						cl_gsqli_a02_it_enus
			Google Cloud Platform Fundamentals							
			Google Cloud	1.38						cl_gcplf_a01_it_enus
			Container, Compute, and App Engine with Networking Services	1.35						cl_gcplf_a02_it_enus
			Google Cloud Big Data and Machine Learning	1.2						cl_gcplf_a03_it_enus
			Developing Microsoft Azure Solutions							
			Creating Virtual Machines (VMs) and Workloads	1.22						cl_dmaz_a01_it_enus
			Managing Azure VMs	1.8						cl_dmaz_a02_it_enus
			Configuring Azure VM Networking	1.22						cl_dmaz_a03_it_enus
			Azure VM Scaling and Storage	1.35						cl_dmaz_a04_it_enus
			Azure VM Monitoring and Availability	1.73						cl_dmaz_a05_it_enus
			Azure Blob Storage	1.05						cl_dmaz_a06_it_enus
			Azure Storage Tables and Queues	1.28						cl_dmaz_a07_it_enus
			Managing and Monitoring Azure Storage	1.25						cl_dmaz_a08_it_enus
			Azure SQL Database and Caching	1.72						cl_dmaz_a09_it_enus
			Cosmos DB and Azure Search	1.57						cl_dmaz_a10_it_enus
			Implementing Communication and Messaging Strategies	0.78						cl_dmaz_a11_it_enus
			Azure Active Directory and Collaboration	1.95						cl_dmaz_a12_it_enus
			Designing Web Apps	1.7						cl_dmaz_a13_it_enus
			Azure Functions and API Management	1.25						cl_dmaz_a14_it_enus
			Designing and Implementing Azure Apps	2.37						cl_dmaz_a15_it_enus
			Azure Service Fabric Apps	1.47						cl_dmaz_a16_it_enus
			Implementing Microsoft Azure Solutions							
			Azure Storage and the Azure Environment	1.98						cl_imas_a01_it_enus
			Azure Networking	1.48						cl_imas_a02_it_enus
			Azure Virtual Machine Management	1.5						cl_imas_a03_it_enus
			Azure Active Directory and Authentication	1.75						cl_imas_a04_it_enus
			Azure SQL DB and ARM Templates	1.77						cl_imas_a05_it_enus
			Azure App Services	1.32						cl_imas_a06_it_enus
			Automation and High Availability	1.72						cl_imas_a07_it_enus
			Azure Security and Monitoring	1.7						cl_imas_a08_it_enus
			Azure Backup and Recovery	0.67						cl_imas_a09_it_enus
			Google G Suite Administrator							
			Google G Suite Admin: User Management	1.52						cl_gsadi_a01_it_enus
			G Suite: Group and OU Management	0.73						cl_gsadi_a02_it_enus
			G Suite: E-mail and Calendar Management	1.33						cl_gsadi_a03_it_enus
			G Suite: Security, Service, and Mobile Device Management	1.6						cl_gsadi_a04_it_enus
			AWS Essentials							
			AWS: Cloud Primer	0.93						cl_awses_a01_it_enus
			AWS: Management Tools	0.92						cl_awses_a02_it_enus
			AWS: Storage	1.28						cl_awses_a03_it_enus
			AWS: Networking	1.12						cl_awses_a04_it_enus
			AWS: Virtual Machines and Identity and Access Management	1.52						cl_awses_a05_it_enus
			AWS: WorkDocs	0.48						cl_awses_a06_it_enus
			AWS: Other Services	0.82						cl_awses_a07_it_enus
			Google Cloud Architect							
			Google Cloud Basics	0.68						it_clgcar_01_enus
			Google Cloud Design	0.75						it_clgcar_02_enus
			Google Cloud Network Components	0.95						it_clgcar_03_enus
			Google Cloud Web Applications and Name Resolution	0.73						it_clgcar_04_enus
			Google Cloud Data Storage	0.98						it_clgcar_05_enus
			Google Cloud Virtual Machine Deployment	0.57						it_clgcar_06_enus
			Google Cloud Virtual Machine Configuration	0.82						it_clgcar_07_enus
			Google Cloud Security	0.72						it_clgcar_08_enus
			Cloud Identity Management	0.63						it_clgcar_09_enus
			Google Cloud Programmatic Access	0.57						it_clgcar_10_enus
			Monitoring & Logging	0.52						it_clgcar_11_enus
			Cloud Solution Management & Testing	0.47						it_clgcar_12_enus
			Google Cloud Troubleshooting	0.5						it_clgcar_13_enus
			CLI Cloud Resource Management	0.53						it_clgcar_14_enus
			Google Data Engineer							

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Google Cloud Platform Fundamentals	0.82						cl_gcde_a01_it_enus
			Google Cloud Platform Storage and Analytics	1.23						cl_gcde_a02_it_enus
			Deeper through GCP Analytics and Scaling	0.8						cl_gcde_a03_it_enus
			GCP Network Data Processing Models	0.7						cl_gcde_a04_it_enus
			Google Cloud Dataproc	0.73						cl_gcde_a05_it_enus
			Dataproc Architecture	0.78						cl_gcde_a06_it_enus
			Continued Dataproc Operations	0.98						cl_gcde_a07_it_enus
			Implementations with BigQuery for Big Data	1.32						cl_gcde_a08_it_enus
			Fundamentals of Big Query	1.33						cl_gcde_a09_it_enus
			APIs and Machine Learning	1.08						cl_gcde_a10_it_enus
			Dataflow Autoscaling Pipelines	0.78						cl_gcde_a11_it_enus
			Machine Learning with TensorFlow and Cloud ML	1.47						cl_gcde_a12_it_enus
			GCP Engineering and Streaming Architecture	1.28						cl_gcde_a13_it_enus
			Streaming Pipelines and Analytics	1.18						cl_gcde_a14_it_enus
			GCP Big Data and Security	1.23						cl_gcde_a15_it_enus
			Serverless Architecture Using AWS							
			AWS Serverless Architecture	0.85						cl_saws_a01_it_enus
			AWS Lambda	1.22						cl_saws_a02_it_enus
			AWS Serverless Monitoring & Security	0.93						cl_saws_a03_it_enus
			AWS Serverless Storage	0.75						cl_saws_a04_it_enus
			CompTIA Cloud+ CV0-002							
			CompTIA Cloud+ CV0-002: Planning Cloud Deployments	0.63						it_cscocp_01_enus
			CompTIA Cloud+ CV0-002: Planning Cloud Networking	0.95						it_cscocp_02_enus
			CompTIA Cloud+ CV0-002: Planning Cloud Compute Resources	0.38						it_cscocp_03_enus
			CompTIA Cloud+ CV0-002: Planning Cloud Storage Resources	1.3						it_cscocp_04_enus
			CompTIA Cloud+ CV0-002: Planning Cloud Migrations and Extensions	1.33						it_cscocp_05_enus
			CompTIA Cloud+ CV0-002: Security Configurations and Compliance Controls	1.45						it_cscocp_06_enus
			CompTIA Cloud+ CV0-002: Security Technologies and Automation Techniques	1.28						it_cscocp_07_enus
			CompTIA Cloud+ CV0-002: System Patching and Maintenance	0.63						it_cscocp_08_enus
			CompTIA Cloud+ CV0-002: Disaster Recovery	0.62						it_cscocp_09_enus
			CompTIA Cloud+ CV0-002: Performance Management	0.58						it_cscocp_10_enus
			CompTIA Cloud+ CV0-002: Troubleshooting Deployments	0.52						it_cscocp_11_enus
			Final Exam: CompTIA Cloud+	1						it_cscocp_a01_fe_enus
			Architecting Microsoft Azure Solutions - 2018 Update							
			Architecting Microsoft Azure Solutions: Compute Design Considerations	1.37						it_clarma_01_enus
			Architecting Microsoft Azure Solutions: Network Design	1.33						it_clarma_02_enus
			Architecting Microsoft Azure Solutions: Azure External Network Connectivity Design	0.82						it_clarma_03_enus
			Architecting Microsoft Azure Solutions: Azure Storage Design	1.25						it_clarma_04_enus
			Architecting Microsoft Azure Solutions: Managing Identities	1.07						it_clarma_05_enus
			Architecting Microsoft Azure Solutions: Securing the Azure Environment	0.9						it_clarma_06_enus
			Architecting Microsoft Azure Solutions: Plan Azure SQL-Compliant Database Usage	0.85						it_clarma_07_enus
			Architecting Microsoft Azure Solutions: Planning Azure NoSQL Deployments	0.93						it_clarma_08_enus
			Architecting Microsoft Azure Solutions: Data Services Design	0.67						it_clarma_09_enus
			Architecting Microsoft Azure Solutions: Automation with PowerShell, Chef, and Puppet	0.43						it_clarma_10_enus
			Architecting Microsoft Azure Solutions: Implement Azure Automation	0.77						it_clarma_11_enus
			Architecting Microsoft Azure Solutions: Template and Runbook Automation	0.72						it_clarma_12_enus
			Architecting Microsoft Azure Solutions: Web Application Design	0.9						it_clarma_13_enus
			Architecting Microsoft Azure Solutions: Monitoring Resources	0.72						it_clarma_14_enus
			Architecting Microsoft Azure Solutions: Application Design and Messaging	0.38						it_clarma_15_enus
			Architecting Microsoft Azure Solutions: Planning Artificial Intelligence Services	0.55						it_clarma_16_enus
			Amazon Web Services Solution Architect – Professional							
			High Availability	0.75						it_clawsa_01_enus
			AWS Professional Solution Architect: Business Continuity	0.83						it_clawsa_02_enus
			AWS Professional Solution Architect: Costing	1.05						it_clawsa_03_enus
			AWS Professional Solution Architect: Deployment Management	0.8						it_clawsa_04_enus
			AWS Professional Solution Architect: Network Design	0.83						it_clawsa_05_enus
			AWS Professional Solution Architect: Data Storage	0.78						it_clawsa_06_enus
			AWS Professional Solution Architect: Data Replication	0.55						it_clawsa_07_enus
			AWS Professional Solution Architect: Security Controls	1.18						it_clawsa_08_enus
			AWS Professional Solution Architect: Data Security	1.07						it_clawsa_09_enus
			AWS Professional Solution Architect: Scalability and Elasticity	0.48						it_clawsa_10_enus
			AWS Professional Solution Architect: Cloud Migration	1.07						it_clawsa_11_enus
			AWS Professional Solution Architect: Hybrid Architecture	0.43						it_clawsa_12_enus
			AWS Certified SysOps Administrator – Associate							
			AWS Certified SysOps Administrator: Introduction	0.68						it_clawsy_01_enus
			AWS Certified SysOps Administrator: Preparing for Cloud Service Management	0.45						it_clawsy_02_enus
			AWS Certified SysOps Administrator: Networking Services	0.82						it_clawsy_03_enus
			AWS Certified SysOps Administrator: Security and IAM Services	1.18						it_clawsy_04_enus
			AWS Certified SysOps Administrator: Compute Services	0.87						it_clawsy_05_enus
			AWS Certified SysOps Administrator: Storage Services	1						it_clawsy_06_enus
			AWS Certified SysOps Administrator: Database Services	0.85						it_clawsy_07_enus
			AWS Certified SysOps Administrator: Application Infrastructure	0.73						it_clawsy_08_enus
			AWS Certified SysOps Administrator: Monitoring the AWS Environment	0.92						it_clawsy_09_enus
			AWS Certified SysOps Administrator: High Availability	0.72						it_clawsy_10_enus
			AWS Certified Developer - Associate							
			AWS Certified Developer - Associate: Principles and Essential Services	2.07						it_clawss_01_enus
			AWS Certified Developer - Associate: Application Development	1.68						it_clawss_02_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			AWS Certified Developer - Associate: Plan Application and Infrastructure Security	1.18						it clawss 03 enus
			AWS Certified Developer - Associate: Service Integration and Orchestration	0.93						it clawss 04 enus
			AWS Certified Developer - Associate: Serverless Application and Container Management	1						it clawss 05 enus
			AWS Certified Developer - Associate: Code Management and Monitoring Tools	0.53						it clawss 06 enus
		Amazon Web Services Solution Architect - Associate 2018								
			AWS Associate Solution Architect: AWS Primer	1.05						it clamaa 01 enus
			AWS Associate Solution Architect: AWS Storage Solutions	0.9						it clamaa 02 enus
			AWS Associate Solution Architect: Loose Coupling	0.35						it clamaa 03 enus
			AWS Associate Solution Architect: Architecting for the Cloud	0.85						it clamaa 04 enus
			AWS Associate Solution Architect: High Availability	0.95						it clamaa 05 enus
			AWS Associate Solution Architect: Database Managed Services	0.87						it clamaa 06 enus
			AWS Associate Solution Architect: Caching	0.73						it clamaa 07 enus
			AWS Associate Solution Architect: Scalability and Elasticity	0.63						it clamaa 08 enus
			AWS Associate Solution Architect: Architecture Security	1.02						it clamaa 09 enus
			AWS Associate Solution Architect: Virtual Private Cloud	0.95						it clamaa 10 enus
			AWS Associate Solution Architect: Optimizing Storage	0.87						it clamaa 11 enus
			AWS Associate Solution Architect: Optimizing Compute Resources	0.92						it clamaa 12 enus
			AWS Associate Solution Architect: Managing AWS	1.1						it clamaa 13 enus
			AWS Associate Solution Architect: Amazon Machine Images	0.7						it clamaa 14 enus
			AWS Associate Solution Architect: Auto Scaling	0.7						it clamaa 15 enus
			AWS Associate Solution Architect: Amazon CloudFront and Route 53	1						it clamaa 16 enus
			AWS Associate Solution Architect: Building and Managing AWS Solutions	1						it clamaa 17 enus
		AZ-203: Developing Solutions for Microsoft Azure								
			Azure Developer: Azure Cloud Technology Solutions	1.3						it clmadc 01 enus
			Azure Developer: Common Application Design & Connectivity Patterns	1						it clmadc 02 enus
			Azure Developer: Storage Solutions	1.07						it clmadc 03 enus
			Azure Developer: Storage Tables	0.87						it clmadc 04 enus
			Azure Developer: File Storage Solutions	0.57						it clmadc 06 enus
			Azure Developer: Cosmos DB Storage Solutions	1.12						it clmadc 05 enus
			Azure Developer: Relational Database Solutions	0.97						it clmadc 07 enus
			Azure Developer: Blob Storage Solutions	0.82						it clmadc 08 enus
			Azure Developer: Caching & Content Delivery Solutions	0.53						it clmadc 09 enus
			Azure Developer: PaaS Web Applications	0.97						it clmadc 10 enus
			Azure Developer: Creating Mobile Apps	0.97						it clmadc 11 enus
			Azure Developer: Working with Azure Logic Apps	0.73						it clmadc 12 enus
			Azure Developer: Azure Batch & Scheduling Bulk Operations	0.73						it clmadc 15 enus
			Azure Developer: Media Services Solutions	0.43						it clmadc 17 enus
			Azure Developer: Working with Azure Service Fabric	0.98						it clmadc 13 enus
			Azure Developer: Working With Azure Functions	0.62						it clmadc 14 enus
			Azure Developer: Kubernetes Service Solutions	0.7						it clmadc 16 enus
			Azure Developer: Implementing Authentication & Access Control	0.97						it clmadc 18 enus
			Azure Developer: Implementing Secure Data Solutions	0.52						it clmadc 19 enus
			Azure Developer: Advanced Scalability Using Azure	0.72						it clmadc 20 enus
			Azure Developer: Advanced Security & Integration Using Azure Services	0.77						it clmadc 21 enus
		AZ-900: Microsoft Azure Fundamentals								
			Azure Fundamentals: Cloud Computing	0.95						it clazfd 01 enus
			Azure Fundamentals: The Ecosystem	1.1						it clazfd 02 enus
			Azure Fundamentals: Storage Components	1.08						it clazfd 03 enus
			Azure Fundamentals: Network Components	1.07						it clazfd 04 enus
			Azure Fundamentals: Virtual Machines	1.25						it clazfd 05 enus
			Azure Fundamentals: Database Solutions	0.9						it clazfd 06 enus
			Azure Fundamentals: Big Data Analytics	0.72						it clazfd 07 enus
			Azure Fundamentals: IoT & AI	0.57						it clazfd 08 enus
			Azure Fundamentals: Azure Data Privacy	0.7						it clazfd 09 enus
			Azure Fundamentals: Azure Network Security	1.03						it clazfd 10 enus
			Azure Fundamentals: Azure Security Services	0.95						it clazfd 11 enus
			Azure Fundamentals: Monitoring the Azure Environment	0.73						it clazfd 12 enus
		MS-900: Microsoft 365 Fundamentals								
			MS-900 - Microsoft 365 Fundamentals: Understanding Cloud Concepts	0.62						it clo3fd 01 enus
			MS-900 - Microsoft 365 Fundamentals: Cloud Benefits & Considerations	0.58						it clo3fd 02 enus
			MS-900 - Microsoft 365 Fundamentals: Cloud Services & Principles	0.72						it clo3fd 03 enus
			MS-900 - Microsoft 365 Fundamentals: Windows 10 Enterprise	1.12						it clo3fd 04 enus
			MS-900 - Microsoft 365 Fundamentals: Windows 10, Autopilot, & Azure	0.83						it clo3fd 05 enus
			MS-900 - Microsoft 365 Fundamentals: Deployment Planning, Azure, & Updates	1.23						it clo3fd 06 enus
			MS-900 - Microsoft 365 Fundamentals: Windows 10 & Admin Center	1.45						it clo3fd 07 enus
			MS-900 - Microsoft 365 Fundamentals: Microsoft 365, Exchange, & SharePoint	0.78						it clo3fd 08 enus
			MS-900 - Microsoft 365 Fundamentals: Skype for Business, Teams, & Collaboration	0.65						it clo3fd 09 enus
			MS-900 - Microsoft 365 Fundamentals: Office 365 & Collaboration	0.68						it clo3fd 10 enus
			MS-900 - Microsoft 365 Fundamentals: Protecting Your Information	0.87						it clo3fd 11 enus
			MS-900 - Microsoft 365 Fundamentals: Azure AD & Access Management	0.62						it clo3fd 12 enus
			Microsoft 365 Fundamentals: Mobile Management & Security and Compliance	0.78						it clo3fd 13 enus
			MS-900 - Microsoft 365 Fundamentals: Microsoft 365 Pricing and Support	0.72						it clo3fd 14 enus
			MS-900 - Microsoft 365 Fundamentals: Microsoft 365 Purchasing & Support	0.58						it clo3fd 15 enus
		Securing Amazon Web Services								
			Securing AWS: Fundamentals	0.48						it soawss 01 enus
			Securing AWS: Identity & Access Management	0.67						it soawss 02 enus
			Securing AWS: Infrastructure Security	0.92						it soawss 03 enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Securing AWS: Data Protection	0.53						it soawss 04 enus
		AZ-103: Microsoft Azure Administrator								
			AZ-103 - Microsoft Azure Administrator: Subscriptions	1.17						it clazaa 01 enus
			AZ-103 - Microsoft Azure Administrator: Azure Resource Groups	1.05						it clazaa 02 enus
			AZ-103 - Microsoft Azure Administrator: Azure Monitoring	0.7						it clazaa 03 enus
			AZ-103 - Microsoft Azure Administrator: Azure Storage Accounts	1.27						it clazaa 04 enus
			AZ-103 - Microsoft Azure Administrator: Azure Import/Export	0.72						it clazaa 05 enus
			AZ-103 - Microsoft Azure Administrator: Azure Virtual Machines (VMs)	1.1						it clazaa 06 enus
			AZ-103 - Microsoft Azure Administrator: Managing Azure Virtual Machines	0.48						it clazaa 07 enus
			AZ-103 - Microsoft Azure Administrator: Azure Virtual Machine Templates	0.7						it clazaa 08 enus
			AZ-103 - Microsoft Azure Administrator: Azure Backup and Recovery	0.67						it clazaa 09 enus
			AZ-103 - Microsoft Azure Administrator: Azure Virtual Networks	0.78						it clazaa 10 enus
			AZ-103 - Microsoft Azure Administrator: Azure Virtual Network Connectivity	0.73						it clazaa 11 enus
			AZ-103 - Microsoft Azure Administrator: Azure Network Monitoring	0.6						it clazaa 12 enus
			AZ-103 - Microsoft Azure Administrator: Integrating Azure On-Premise & Virtual Networks	0.57						it clazaa 13 enus
			AZ-103 - Microsoft Azure Administrator: Azure Name Resolution & Network Security	0.67						it clazaa 14 enus
			AZ-103 - Microsoft Azure Administrator: Azure Load Balancer	0.83						it clazaa 15 enus
			AZ-103 - Microsoft Azure Administrator: Azure Active Directory	0.62						it clazaa 16 enus
			AZ-103 - Microsoft Azure Administrator: Azure AD Objects	0.47						it clazaa 17 enus
			AZ-103 - Microsoft Azure Administrator: Azure Hybrid Identities	0.75						it clazaa 18 enus
			AZ-103 - Microsoft Azure Administrator: Azure Multi-Factor Authentication	0.45						it clazaa 19 enus
			AZ-103 - Microsoft Azure Administrator: Azure Policies	0.62						it clazaa 20 enus
			AZ-103 - Microsoft Azure Administrator: Azure Storage Accounts	1.27						it clazaa 04 07 enus
		Hybrid Cloud Architecture and Deployment								
			Hybrid Cloud Architecture & Deployment: Cloud Migration Essentials	1.33						it chhcdp 01 enus
			Hybrid Cloud Architecture & Deployment: AWS Data & Service Migration	1.33						it chhcdp 02 enus
			Hybrid Cloud Architecture & Deployment: AWS Services & Application Migration	1.17						it chhcdp 03 enus
			Hybrid Cloud Architecture & Deployment: AWS Migration Management	1.03						it chhcdp 04 enus
			Hybrid Cloud Architecture & Deployment: Implementing Migration in Azure	0.78						it chhcdp 05 enus
			Hybrid Cloud Architecture & Deployment: Azure IaaS & Data Migration tools	0.9						it chhcdp 06 enus
			Hybrid Cloud Architecture & Deployment: Adopting Migration Strategies	0.75						it chhcdp 07 enus
			Hybrid Cloud Architecture & Deployment: Azure Migration Tools & Best Practices	0.72						it chhcdp 08 enus
		AZ-400: Microsoft Azure DevOps Solutions								
			AZ-400 - MS Azure DevOps Solutions: Migration & Consolidation Strategy for Tools	1.05						it clazdo 01 enus
			AZ-400 - MS Azure DevOps Solutions: Design & Implement Agile Work Management Approach	1.28						it clazdo 02 enus
			AZ-400 - MS Azure DevOps Solutions: Design a Quality Strategy & Secure Development Process	1.2						it clazdo 03 enus
			AZ-400 - MS Azure DevOps Solutions: Tool Integration	0.78						it clazdo 04 enus
			AZ-400 - MS Azure DevOps Solutions: Version & Source Control	1.15						it clazdo 05 enus
			MS Azure DevOps Solutions: Code Flow & Mobile DevOps	0.73						it clazdo 06 enus
			AZ-400 - MS Azure DevOps Solutions: Application Configuration & Secrets	0.97						it clazdo 07 enus
			AZ-400 - MS Azure DevOps Solutions: Manage Code Quality & Security Policies	0.82						it clazdo 08 enus
			AZ-400 - MS Azure DevOps Solutions: Azure DevOps Infrastructure	1.1						it clazdo 09 enus
			AZ-400 - MS Azure DevOps Solutions: Implement Deployment Patterns	0.52						it clazdo 11 enus
			AZ-400 - MS Azure DevOps Solutions: Dependency Management & Security Compliance	1.35						it clazdo 12 enus
			AZ-400 - MS Azure DevOps Solutions: Implement Infrastructure as Code	1.25						it clazdo 14 enus
			AZ-400 - MS Azure DevOps Solutions: Implement Continuous Feedback	1.18						it clazdo 15 enus
			AZ-400 - MS Azure DevOps Solutions: Design and Set Up Release Strategy & Workflow	1.25						it clazdo 10 enus
			AZ-400 - MS Azure DevOps Solutions: Infrastructure as Code & Security Compliance	0.88						it clazdo 13 enus
		AZ-301: Microsoft Azure Architect Design								
			AZ-301 - Microsoft Azure Architect Design: Azure Storage Design	1.38						it clazad 01 enus
			AZ-301 - Microsoft Azure Architect Design: Azure Network Design	1.23						it clazad 02 enus
			AZ-301 - Microsoft Azure Architect Design: Azure Compute Design	1.17						it clazad 03 enus
			AZ-301 - Microsoft Azure Architect Design: Azure VPN Design	0.68						it clazad 04 enus
			AZ-301 - Microsoft Azure Architect Design: Azure AD & RBAC Design	1.25						it clazad 05 enus
			AZ-301 - Microsoft Azure Architect Design: Azure AD Connect, MFA, & SSO Design	0.82						it clazad 06 enus
			AZ-301 - Microsoft Azure Architect Design: Azure AD Permissions Design	0.63						it clazad 07 enus
			AZ-301 - Microsoft Azure Architect Design: Azure App Design	1.23						it clazad 08 enus
			AZ-301 - Microsoft Azure Architect Design: Azure Key Vault and Key Design	0.77						it clazad 09 enus
			AZ-301 - Microsoft Azure Architect Design: Azure Migration Planning	0.65						it clazad 10 enus
			AZ-301 - Microsoft Azure Architect Design: Azure Cost Management	0.52						it clazad 11 enus
			AZ-301 - Microsoft Azure Architect Design: Azure Policy Planning	0.55						it clazad 12 enus
			AZ-301 - Microsoft Azure Architect Design: Azure Site Recovery Design	0.9						it clazad 13 enus
			AZ-301 - Microsoft Azure Architect Design: Azure DevOps Planning	0.33						it clazad 14 enus
			AZ-301 - Microsoft Azure Architect Design: Azure Service Design Part 1	0.78						it clazad 15 enus
			AZ-301 - Microsoft Azure Architect Design: Azure Service Design Part 2	0.63						it clazad 16 enus
		AWS Cloud Practitioner 2019								
			AWS Cloud Practitioner 2019: AWS Cloud and the Value Proposition	0.55						it clawsp2019 01 enus
			AWS Cloud Practitioner 2019: Cloud Economics	0.47						it clawsp2019 02 enus
			AWS Cloud Practitioner 2019: Architecture Design Principles	0.55						it clawsp2019 03 enus
			AWS Cloud Practitioner 2019: Shared Responsibility	0.23						it clawsp2019 04 enus
			AWS Cloud Practitioner 2019: Cloud Security & Compliance	0.35						it clawsp2019 05 enus
			AWS Cloud Practitioner 2019: AWS Access Management	0.65						it clawsp2019 06 enus
			AWS Cloud Practitioner 2019: Security Support Resources	0.63						it clawsp2019 07 enus
			AWS Cloud Practitioner 2019: AWS Cloud Deployment and Operation	0.85						it clawsp2019 08 enus
			AWS Cloud Practitioner 2019: Core AWS Services	0.77						it clawsp2019 09 enus
			AWS Cloud Practitioner 2019: Technology Support Resources	0.35						it clawsp2019 10 enus
		Microsoft 365 Identity and Services								

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			MS-100 - Microsoft 365 Identity and Services: Application Deployment	1.27						it clo3is 14 enus
			MS-100 - Microsoft 365 Identity and Services: Planning a Microsoft Implementation	0.97						it clo3is 01 enus
			MS-100 - Microsoft 365 Identity and Services: Tenancy & Subscriptions	0.8						it clo3is 02 enus
			MS-100 - Microsoft 365 Identity and Services: Subscription & Tenant Health	1.07						it clo3is 03 enus
			MS-100 - Microsoft 365 Identity and Services: Migrating Users & Data	1.03						it clo3is 04 enus
			MS-100 - Microsoft 365 Identity and Services: Identity Strategy	0.92						it clo3is 05 enus
			MS-100 - Microsoft 365 Identity and Services: Designing a Hybrid Identity	0.9						it clo3is 06 enus
			MS-100 - Microsoft 365 Identity and Services: Manage Azure AD Identities	1.2						it clo3is 07 enus
			MS-100 - Microsoft 365 Identity and Services: User Roles	0.97						it clo3is 08 enus
			MS-100 - Microsoft 365 Identity and Services: Authentication	0.68						it clo3is 09 enus
			MS-100 - Microsoft 365 Identity and Services: Multi-Factor Authentication (MFA)	0.97						it clo3is 10 enus
			MS-100 - Microsoft 365 Identity and Services: Application Access	1.02						it clo3is 11 enus
			MS-100 - Microsoft 365 Identity and Services: External Users	0.78						it clo3is 12 enus
			MS-100 - Microsoft 365 Identity and Services: Office 365 Workload Deployment	0.88						it clo3is 13 enus
			Microsoft Azure Architect Technologies							
			AZ-300 - Microsoft Azure Architect Technologies: Managing Azure	0.68						it clazat 01 enus
			AZ-300 - Microsoft Azure Architect Technologies: Architecting Azure Storage	1						it clazat 02 enus
			AZ-300 - Microsoft Azure Architect Technologies: High Availability	0.97						it clazat 12 enus
			AZ-300 - Microsoft Azure Architect Technologies: Azure Monitoring	0.72						it clazat 13 enus
			AZ-300 - Microsoft Azure Architect Technologies: Managing Azure Costs	0.47						it clazat 14 enus
			AZ-300 - Microsoft Azure Architect Technologies: DevOps & Azure	0.48						it clazat 15 enus
			AZ-300 - Microsoft Azure Architect Technologies: Azure Web Apps	1.12						it clazat 16 enus
			Microsoft Azure Architect Technologies: Azure Active Directory	0.7						it clazat 06 enus
			AZ-300 - Microsoft Azure Architect Technologies: Architecting Azure Solutions I	0.83						it clazat 17 enus
			AZ-300 - Microsoft Azure Architect Technologies: Azure AD Connect	0.88						it clazat 07 enus
			AZ-300 - Microsoft Azure Architect Technologies: Azure AD MFA	0.32						it clazat 08 enus
			AZ-300 - Microsoft Azure Architect Technologies: Architect Azure Networking	0.9						it clazat 03 enus
			AZ-300 - Microsoft Azure Architect Technologies: Azure Virtual Machines	0.97						it clazat 04 enus
			Microsoft Azure Architect Technologies: Azure Files and Databases	0.87						it clazat 05 enus
			Microsoft Azure Architect Technologies: Azure Remote Connectivity	0.55						it clazat 09 enus
			AZ-300 - Microsoft Azure Architect Technologies: Azure Roles and Policies	0.7						it clazat 10 enus
			Microsoft Azure Architect Technologies: Load Balancing	0.33						it clazat 11 enus
			AZ-300 - Microsoft Azure Architect Technologies: Architecting Azure Solutions II	0.52						it clazat 18 enus
			Certified Cloud Security Professional (CCSP) 2019							
			CCSP 2019: Implementing Data Discovery & Classification	0.72						it spccsp19 04 enus
			CCSP 2019: Data Retention & Events	0.5						it spccsp19 05 enus
			CCSP 2019: Cloud Infrastructure	0.77						it spccsp19 06 enus
			CCSP 2019: Data Center Security	1.03						it spccsp19 07 enus
			CCSP 2019: Application Development & Security	1.2						it spccsp19 08 enus
			CCSP 2019: Identity & Access Management	0.58						it spccsp19 09 enus
			CCSP 2019: Managing & Securing Cloud Infrastructure	0.95						it spccsp19 10 enus
			CCSP 2019: Operational Controls & Standards	0.68						it spccsp19 11 enus
			CCSP 2019: Cloud System Architecture Design	0.92						it spccsp19 01 enus
			CCSP 2019: Secure Cloud Computing	1.37						it spccsp19 02 enus
			CCSP 2019: Data Security Technologies	0.62						it spccsp19 03 enus
			AZ-500: Microsoft Azure Security Technologies							
			AZ-500 - Microsoft Azure Security Technologies: Azure AD Connect	0.52						it clazst 06 enus
			AZ-500 - Microsoft Azure Security Technologies: Azure AD User Management	0.75						it clazst 07 enus
			AZ-500 - Microsoft Azure Security Technologies: Azure AD Group Management	0.42						it clazst 08 enus
			AZ-500 - Microsoft Azure Security Technologies: Network Security	1.1						it clazst 09 enus
			AZ-500 - Microsoft Azure Security Technologies: VPNs	0.43						it clazst 10 enus
			AZ-500 - Microsoft Azure Security Technologies: Web Application Security	0.63						it clazst 11 enus
			AZ-500 - Microsoft Azure Security Technologies: VM Security	1.05						it clazst 12 enus
			AZ-500 - Microsoft Azure Security Technologies: Application Containers	0.38						it clazst 13 enus
			AZ-500 - Microsoft Azure Security Technologies: Azure Key Vault	0.88						it clazst 14 enus
			AZ-500 - Microsoft Azure Security Technologies: Azure RBAC & Policies	0.73						it clazst 15 enus
			AZ-500 - Microsoft Azure Security Technologies: Monitoring, Logging, & Alerts	0.62						it clazst 16 enus
			AZ-500 - Microsoft Azure Security Technologies: Azure Security Center	0.33						it clazst 17 enus
			AZ-500 - Microsoft Azure Security Technologies: Database Security	0.85						it clazst 03 enus
			AZ-500 - Microsoft Azure Security Technologies: Azure Storage Account Security	0.93						it clazst 01 enus
			AZ-500 - Microsoft Azure Security Technologies: Data Classification	0.9						it clazst 02 enus
			AZ-500 - Microsoft Azure Security Technologies: Database User Access	0.78						it clazst 04 enus
			AZ-500 - Microsoft Azure Security Technologies: Identity & Access Management	0.87						it clazst 05 enus
			AZ-500 - Microsoft Azure Security Technologies: Review Course 1	0.33						it clazst 18 enus
			AZ-500 - Microsoft Azure Security Technologies: Review Course 2	0.38						it clazst 19 enus
			Planning and Configuring a Messaging Platform							
			MS-200 - Configuring a Messaging Platform: Client Access	2.15						it clpcmp 05 enus
			MS-200 - Configuring a Messaging Platform: Disaster Recovery	1.63						it clpcmp 06 enus
			MS-200 - Configuring a Messaging Platform: Transport Pipeline	1.28						it clpcmp 07 enus
			MS-200 - Configuring a Messaging Platform: Connectors	1.68						it clpcmp 08 enus
			MS-200 - Configuring a Messaging Platform: Mail Flow	1.47						it clpcmp 09 enus
			MS-200 - Configuring a Messaging Platform: Troubleshooting Mail Flow Problems	1.28						it clpcmp 10 enus
			MS-200 - Configuring a Messaging Platform: Mobile Devices	0.98						it clpcmp 11 enus
			MS-200 - Configuring a Messaging Platform: Messaging Infrastructure Lifecycle	1.93						it clpcmp 01 enus
			MS-200 - Configuring a Messaging Platform: Database Management	1.07						it clpcmp 02 enus
			MS-200 - Configuring a Messaging Platform: Recipient Resources	1.62						it clpcmp 03 enus
			MS-200 - Configuring a Messaging Platform: Database Availability Groups	1.98						it clpcmp 04 enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Business Continuity Management							
			Business Continuity: Cloud Integration	1.07						it_csbcmgdi_01_enus
			Business Continuity: Secure Cloud Computing	0.82						it_csbcmgdi_02_enus
			Getting Started with Cloud Services							
			Cloud Services: Cloud Computing Concepts	0.97						it_csqscsdj_01_enus
			Cloud Computing Security							
			Cloud Computing Security: Cloud Management	1.22						it_socspddi_01_enus
			AWS Certified Solutions Architect – Associate 2020							
			AWS Associate Solutions Architect 2020: AWS Cost Management	0.5						it_clawsaa19_11_enus
			AWS Associate Solutions Architect 2020: AWS Developer Options	0.53						it_clawsaa19_12_enus
			AWS Associate Solutions Architect 2020: Monitoring	0.35						it_clawsaa19_13_enus
			AWS Associate Solutions Architect 2020: Stack Deployment and Caching	0.35						it_clawsaa19_14_enus
			AWS Associate Solutions Architect 2020: AWS Review Course 1	0.88						it_clawsaa19_15_enus
			AWS Associate Solutions Architect 2020: Storage Solutions	0.92						it_clawsaa19_02_enus
			AWS Associate Solutions Architect 2020: Storage Security & Resiliency	0.7						it_clawsaa19_03_enus
			AWS Associate Solutions Architect 2020: Network Options	0.7						it_clawsaa19_04_enus
			AWS Associate Solutions Architect 2020: Network Security & Name Resolution	0.93						it_clawsaa19_05_enus
			AWS Associate Solutions Architect 2020: Database Solutions	0.6						it_clawsaa19_07_enus
			AWS Associate Solutions Architect 2020: Identity & Access Management	0.92						it_clawsaa19_08_enus
			AWS Associate Solutions Architect 2020: Application Scalability	0.43						it_clawsaa19_09_enus
			AWS Associate Solutions Architect 2020: Security	0.7						it_clawsaa19_10_enus
			AWS Associate Solutions Architect 2020: AWS Review Course 2	0.92						it_clawsaa19_16_enus
			MS-300: Deploying Microsoft 365 Teamwork							
			MS-300 - Deploying Microsoft 365 Teamwork: Site Collections & Hub Sites	1.02						it_cldmo3t_01_enus
			MS-300 - Deploying Microsoft 365 Teamwork: Customizations, Apps, & Metadata							it_cldmo3t_02_enus
			MS-300 - Deploying Microsoft 365 Teamwork: Guest Access	0.7						it_cldmo3t_03_enus
			MS-300 - Deploying Microsoft 365 Teamwork: Manage and Monitor SharePoint Online	1.65						it_cldmo3t_04_enus
			MS-300: Deploying Microsoft 365 Teamwork: OneDrive for Business	1.08						it_cldmo3t_05_enus
			MS-300 - Deploying Microsoft 365 Teamwork: Sharing & Security	1.28						it_cldmo3t_07_enus
			MS-300 - Deploying Microsoft 365 Teamwork: OneDrive Users & Groups	0.75						it_cldmo3t_06_enus
			MS-300 - Deploying Microsoft 365 Teamwork: Monitoring OneDrive	0.35						it_cldmo3t_08_enus
			MS-300: Deploying Microsoft 365 Teamwork: Identity and Authentication for Teams	0.75						it_cldmo3t_10_enus
			MS-300: Deploying Microsoft 365 Teamwork: Teams Settings	1.35						it_cldmo3t_09_enus
			MS-300: Deploying Microsoft 365 Teamwork: Managing & Monitoring the Teams Environment & Service	1.33						it_cldmo3t_11_enus
			MS300 - Deploying Microsoft 365 Teamwork: Integrate Microsoft 365 Workloads	1.1						it_cldmo3t_12_enus
			MS300 - Deploying Microsoft 365 Teamwork: Microsoft 365 and External Data & Systems	0.85						it_cldmo3t_15_enus
			MS300 - Deploying Microsoft 365 Teamwork: Yammer	0.88						it_cldmo3t_13_enus
			MS300 - Deploying Microsoft 365 Teamwork: Stream Capabilities	0.8						it_cldmo3t_14_enus
			AWS Certified Solutions Architect Professional 2020							
			AWS Professional Solutions Architect 2020: Network Security & Disaster Recovery	0.63						it_clawsap19_14_enus
			AWS Professional Solutions Architect 2020: High Availability	0.88						it_clawsap19_15_enus
			AWS Professional Solutions Architect 2020: AWS Management	1.07						it_clawsap19_01_enus
			AWS Professional Solutions Architect 2020: S3 Management	0.98						it_clawsap19_02_enus
			AWS Professional Solutions Architect 2020: S3 Security	0.58						it_clawsap19_03_enus
			AWS Professional Solutions Architect 2020: VPC Management & Peering	0.67						it_clawsap19_04_enus
			AWS Professional Solutions Architect 2020: VPC Connectivity	0.92						it_clawsap19_05_enus
			AWS Professional Solutions Architect 2020: Name Resolution Solutions	0.38						it_clawsap19_06_enus
			AWS Professional Solutions Architect 2020: EC2 Instance Deployment	0.8						it_clawsap19_07_enus
			AWS Professional Solutions Architect 2020: Database Solutions	1.33						it_clawsap19_08_enus
			AWS Professional Solutions Architect 2020: Data Processing & Analysis	0.65						it_clawsap19_09_enus
			AWS Professional Solutions Architect 2020: IAM Users & Groups	0.55						it_clawsap19_10_enus
			AWS Professional Solutions Architect 2020: IAM Configurations	0.67						it_clawsap19_11_enus
			AWS Professional Solutions Architect 2020: Cryptography & PKI	0.77						it_clawsap19_12_enus
			AWS Professional Solutions Architect 2020: AWS & Data Protection	0.65						it_clawsap19_13_enus
			AWS Professional Solutions Architect 2020: Account & Centralized Management	0.83						it_clawsap19_16_enus
			AWS Professional Solutions Architect 2020: Desktop & Cost Management	0.93						it_clawsap19_17_enus
			AWS Professional Solutions Architect 2020: Development Strategies	0.63						it_clawsap19_18_enus
			AWS Professional Solutions Architect 2020: Developer Managed Services	0.73						it_clawsap19_19_enus
			AWS Professional Solutions Architect 2020: Migration Strategies	0.55						it_clawsap19_20_enus
			AWS Professional Solutions Architect 2020: Resource Monitoring & Performance	1.15						it_clawsap19_21_enus
			AWS Professional Solutions Architect 2020: Review Course 1	0.73						it_clawsap19_22_enus
			AWS Professional Solutions Architect 2020: Review Course 2	0.42						it_clawsap19_23_enus
			Automated Testing with AWS							
			AWS Automated Testing: Environments & Services	0.93						it_atawsdji_01_enus
			Infrastructure as Code (IaC)							
			CloudOps with Infrastructure as Code	1.45						it_coinacdi_01_enus
			DevOps and AWS							
			DevOps & AWS: CloudOps Implementation	1.08						it_coawsddi_01_enus
			DevOps to CloudOps Architect							
			CloudOps with Google Cloud Platform Tools	1.33						it_cogodvdi_01_enus
			MS-201: Implementing a Hybrid and Secure Messaging Platform							
			MS-201 - Implementing a Hybrid and Secure Messaging Platform: Sharing	0.83						it_clihsmp_10_enus
			MS-201 - Implementing a Hybrid and Secure Messaging Platform: E-mail Address Policies and Workload Management	1.37						it_clihsmp_11_enus
			MS-201 - Implementing a Hybrid and Secure Messaging Platform: Address Lists	0.67						it_clihsmp_12_enus
			MS-201 - Implementing a Hybrid and Secure Messaging Platform: Offline Address Books (OAB)							it_clihsmp_13_enus
			MS-201 - Implementing a Hybrid and Secure Messaging Platform: Planning Hybrid Environments	0.65						it_clihsmp_01_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			MS-201 - Implementing a Hybrid and Secure Messaging Platform: Deploying Hybrid Environments	1.3						it clihsmp 02 enus
			MS-201 - Implementing a Hybrid and Secure Messaging Platform: Migration	1.58						it clihsmp 03 enus
			MS-201 - Implementing a Hybrid and Secure Messaging Platform: Public Folders	1.53						it clihsmp 04 enus
			MS-201 - Implementing a Hybrid and Secure Messaging Platform: Role-based Permissions	1.22						it clihsmp 05 enus
			MS-201 - Implementing a Hybrid and Secure Messaging Platform: Message Hygiene	1.57						it clihsmp 06 enus
			MS-201 - Implementing a Hybrid and Secure Messaging Platform: Advanced Threat Protection (ATP)	1.05						it clihsmp 07 enus
			MS-201 - Implementing a Hybrid and Secure Messaging Platform: Compliance	1.27						it clihsmp 08 enus
			MS-201 - Implementing a Hybrid and Secure Messaging Platform: Retention & Data Loss Prevention	1.42						it clihsmp 09 enus
			AWS DevOps Automation							
			Using AWS to Set Up DevOps and CloudOps Automation Frameworks	1.8						it coadoadi 01 enus
			Applying Automation Using AWS Tools	1.1						it coadoadi 02 enus
			Azure DevOps Automation							
			Azure DevOps: Repository & Pipeline Management	1.23						it coadvadi 01 enus
			Azure DevOps: Managing Agile Lifecycle	1.33						it coadvadi 02 enus
			DevOps Automation Across Platforms							
			DevOps Automation Across Platforms: CloudOps for Multi-cloud Deployments	1.47						it codvapdi 01 enus
			DevOps Automation Across Platforms: Working with Multi-cloud Tools	1.15						it codvapdi 02 enus
			Google Cloud Platform (GCP) DevOps Automation							
			GCP DevOps: CloudOps with Google Cloud Platform	1.87						it cogdoadi 01 enus
			Elements of Infrastructure as a Service (IaaS)							
			Implementing IaaS & Orchestration for Multi-cloud Environments	1.35						it coiaasdi 01 enus
			Moving from DevOps to CloudOps							
			DevOps to CloudOps for Multi-cloud	1.25						it comdtocdi 01 enus
			Final Exam: CloudOps Engineer	0.02						it fedeca 03 enus
			AZ-104: Microsoft Azure Administrator							
			AZ-104 - Microsoft Azure Administrator: Managing Azure Files	0.57						it clazad2020 07 enus
			AZ-104 - Microsoft Azure Administrator: Managing Azure Network Solutions	1.5						it clazad2020 08 enus
			AZ-104 - Microsoft Azure Administrator: Managing Azure DNS & Network Security	1.78						it clazad2020 09 enus
			AZ-104 - Microsoft Azure Administrator: Managing Azure Virtual Machines	1.47						it clazad2020 10 enus
			AZ-104 - Microsoft Azure Administrator: Azure App Service & Batch Jobs	1.43						it clazad2020 11 enus
			AZ-104 - Microsoft Azure Administrator: Availability Solutions	1.52						it clazad2020 12 enus
			AZ-104 - Microsoft Azure Administrator: Monitoring Azure Resources	0.87						it clazad2020 13 enus
			AZ-104 - Microsoft Azure Administrator: Manage Azure AD Users	1.32						it clazad2020 01 enus
			AZ-104 - Microsoft Azure Administrator: Manage Azure AD Groups & Devices	1.03						it clazad2020 02 enus
			AZ-104 - Microsoft Azure Administrator: Manage Azure AD Subscriptions and Costs	1.2						it clazad2020 03 enus
			AZ-104 - Microsoft Azure Administrator: Azure Policies	0.52						it clazad2020 04 enus
			AZ-104 - Microsoft Azure Administrator: Managing Azure Roles & Tags	0.95						it clazad2020 05 enus
			AZ-104 - Microsoft Azure Administrator: Managing Azure Storage Accounts	1.5						it clazad2020 06 enus
			Cloud Security Administration							
			Cloud Security Administration: Introduction	1.1						it socsaddi 01 enus
			Cloud Security Administration: Infrastructure Planning	0.93						it socsaddi 02 enus
			Cloud Security Administration: Cloud Data & Application Security	1.03						it socsaddi 03 enus
			Cloud Security Administration: Hardened Cloud Security	0.77						it socsaddi 04 enus
			Cloud Security Administration: Continuous Operational Improvement	1.45						it socsaddi 05 enus
			Cloud Security Administration: Regulatory Conformance	1.5						it socsaddi 06 enus
			Public, Private, and Hybrid CloudOps Interoperability							
			CloudOps Interoperability: Modeling Cloud Computing for Integration	1.35						it copphodj 01 enus
			CloudOps Interoperability: Inter-cloud Integration & Implementation	1.33						it copphodj 02 enus
			AZ-303: Microsoft Azure Architect Technologies							
			AZ-303 - Microsoft Azure Architect Technologies: Management Tools	0.48						it clazat2020 01 enus
			AZ-303 - Microsoft Azure Architect Technologies: Virtual Networking	0.87						it clazat2020 02 enus
			AZ-303 - Microsoft Azure Architect Technologies: Azure Storage Accounts	1						it clazat2020 03 enus
			AZ-303 - Microsoft Azure Architect Technologies: Storage Account Content Management	1.2						it clazat2020 04 enus
			AZ-303 - Microsoft Azure Architect Technologies: Managing Azure Files	0.38						it clazat2020 05 enus
			AZ-303 - Microsoft Azure Architect Technologies: Deploying Azure Database Solutions	0.78						it clazat2020 06 enus
			AZ-303 - Microsoft Azure Architect Technologies: Securing Azure Networks	0.95						it clazat2020 07 enus
			AZ-303 - Microsoft Azure Architect Technologies: Deploying & Managing Azure VMs	1.47						it clazat2020 08 enus
			AZ-303 - Microsoft Azure Architect Technologies: Managing Azure AD	1.42						it clazat2020 09 enus
			AZ-303 -Microsoft Azure Architect Technologies: Deploying Azure AD Connect	0.77						it clazat2020 10 enus
			AZ-303 - Microsoft Azure Architect Technologies: Managing Azure AD Devices & Groups	0.93						it clazat2020 11 enus
			AZ-303 - Microsoft Azure Architect Technologies: Managing Azure Web Applications	1.28						it clazat2020 12 enus
			AZ-303 - Microsoft Azure Architect Technologies: Web App Availability & Security	0.93						it clazat2020 13 enus
			AZ-303 - Microsoft Azure Architect Technologies: Automating Azure Administrative Tasks	0.97						it clazat2020 14 enus
			AZ-303 - Microsoft Azure Architect Technologies: Azure & Business Continuity	1.32						it clazat2020 15 enus
			AZ-303 - Microsoft Azure Architect Technologies: Azure Resource Governance	1.25						it clazat2020 16 enus
			AZ-303 - Microsoft Azure Architect Technologies: Migrating to Azure	0.77						it clazat2020 17 enus
			AZ-303 - Microsoft Azure Architect Technologies: Monitoring Azure	1.68						it clazat2020 18 enus
			Cloud Platform Security							
			Cloud Platform Security: Designing Secure Access	1.52						it socdpsdi 01 enus
			Cloud Platform Security: Platform & Infrastructure Security	0.88						it socdpsdi 05 enus
			Cloud Security Management							
			Cloud Security Management: Operations Security	1.42						it socdsmdi 02 enus
			Cloud Security Management: Architecture Security	1.22						it socdsmdi 01 enus
			The Cloud Architect							
			Role of a Cloud Architect	1.03						it cocoatdi 01 enus
			Final Exam: CloudOps Architect	0.02						it fedeca 04 enus
			CloudOps in Software-defined Wide Area Networks							

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			CloudOps: CloudOps: Implementing SD-WAN to Optimize Environments	1.25						it cosdwadi 01 enus
		Transitioning to Cloud Operation								
			Cloud Transition: Adopting & Moving to Cloud & Multi-cloud Environments	1.2						it cottcodi 01 enus
		OpenStack in CloudOps								
			OpenStack in CloudOps: Managing Multi-cloud with OpenStack	1.08						it cooscpdi 01 enus
			OpenStack in CloudOps: Automation	1.03						it cooscpdi 02 enus
		CloudOps Solutioning								
			CloudOps Solutioning Strategies	1.25						it cocosldi 01 enus
		Future Trends in Cloud Computing								
			Cloud Future: Adapting Cloud Innovation	1.12						it cocofudi 01 enus
		AWS Certified Developer - Associate 2020								
			AWS Developer Associate: Identity & Access Management	1.02						it clawsda2020 01 enus
			AWS Developer Associate: Amazon Elastic Compute Cloud	1.42						it clawsda2020 02 enus
		Securing CloudOps Deployments								
			Securing CloudOps Deployments: Security Standards for Multi-cloud	1.15						it coscodxdi 01 enus
			Securing CloudOps Deployments: Implementing Multi-cloud Security	0.93						it coscodxdi 02 enus
		AZ-304: Microsoft Azure Architect Design								
			AZ-304 - Microsoft Azure Architect Design: Storage Account Blob Management	0.7						it clmaad2020 04 enus
	Cisco DESGN									
		ITPro.TV - DESGN 3.0								
			DESGN 3.0: Enterprise Architecture	0.95						it ccdatv 01 enus
			DESGN 3.0: Design Lifecycle	1						it ccdatv 02 enus
			DESGN 3.0: Design Methodology	0.95						it ccdatv 03 enus
			DESGN 3.0: Networking Information Gathering and Auditing	1.18						it ccdatv 04 enus
			DESGN 3.0: Implementing Network Design	0.5						it ccdatv 05 enus
			DESGN 3.0: Design Modularity	1.02						it ccdatv 06 enus
			DESGN 3.0: Design Hierarchy	0.78						it ccdatv 07 enus
			DESGN 3.0: Design Scalability	0.92						it ccdatv 08 enus
			DESGN 3.0: Design Resiliency	0.9						it ccdatv 09 enus
			DESGN 3.0: Fault Domain Design	0.4						it ccdatv 10 enus
			DESGN 3.0: Scalable Addressing and IP Addressing Schemes	0.9						it ccdatv 11 enus
			DESGN 3.0: Routing Protocol Scalability	1						it ccdatv 12 enus
			DESGN 3.0: IGP Expansion	0.9						it ccdatv 13 enus
			DESGN 3.0: OSPF and BGP Expansion	1.1						it ccdatv 14 enus
			DESGN 3.0: Campus Design	1						it ccdatv 15 enus
			DESGN 3.0: Campus Design Part 2	1						it ccdatv 16 enus
			DESGN 3.0: Enterprise Network WAN and Edge	1						it ccdatv 17 enus
			DESGN 3.0: Branch Network Design	1.5						it ccdatv 18 enus
			DESGN 3.0: Wireless LAN Design	1.33						it ccdatv 19 enus
			DESGN 3.0: Wireless LAN Requirements	1.23						it ccdatv 20 enus
			DESGN 3.0: Security Control Considerations	0.6						it ccdatv 21 enus
			DESGN 3.0: Voice and Video Design Considerations	0.9						it ccdatv 22 enus
			DESGN 3.0: Virtualization in Network Design	0.4						it ccdatv 23 enus
			DESGN 3.0: Network Programmability and Data Center Component Design	0.9						it ccdatv 24 enus
ENTERPRISE DATABASE SYSTEMS										
	Oracle 12c									
		Oracle Database 12c: New Features for Administrators								
			Oracle Database 12c: Enterprise Manager Cloud Control and Creating CDB and PDB	2.33						od nfad b01 it enus
			Oracle Database 12c: Managing CDB and PDB, and Data Optimization	1.77						od nfad b02 it enus
			Oracle Database 12c: Using Automatic Data Optimization, Storage, and Archiving	1.5						od nfad b03 it enus
			Oracle Database 12c: Managing Security	1.88						od nfad b04 it enus
			Oracle Database 12c: High Availability and Database Management	1.5						od nfad b05 it enus
			Oracle Database 12c: Tuning SQL and Using ADDM	1.43						od nfad b06 it enus
			Oracle Database 12c: Resource Manager, Online Operations, and ADR	1.5						od nfad b07 it enus
			Oracle Database 12c: Transporting Databases and Managing Data	1.5						od nfad b08 it enus
		Oracle Database 12c: Install and Upgrade								
			Oracle Database 12c – Install and Upgrade: Database Architecture	1						od inup b01 it enus
			Oracle Database 12c – Install and Upgrade: Installation	2						od inup b02 it enus
			Oracle Database 12c – Install and Upgrade: Upgrading	2						od inup b03 it enus
		Oracle Database 12c: Backup and Recovery								
			Oracle Database 12c - Backup and Recovery: Configuring for Recoverability	2.48						od bkpr a01 it enus
			Oracle Database 12c - Backup and Recovery: Performing and Managing Backups	1.93						od bkpr a02 it enus
			Oracle Database 12c - Backup and Recovery: Failure and Recovery Concepts	1.35						od bkpr a03 it enus
			Oracle Database 12c - Backup and Recovery: Perform Recovery and Secure Backup	2.12						od bkpr a04 it enus
			Oracle Database 12c - Backup and Recovery: Using Flashback Technologies	1.78						od bkpr a05 it enus
			Oracle Database 12c - Backup and Recovery: Transporting Data and Performing PITR	1.47						od bkpr a06 it enus
			Oracle Database 12c - Backup and Recovery: Duplicating Databases and Tuning RMAN	1.72						od bkpr a07 it enus
		Oracle Database: 12c Administration Ed 2								
			Managing an Oracle Database 12c Instance	2.55						od dbre a01 it enus
			Connectivity and Space Management in Oracle Database 12c	2.6						od dbre a02 it enus
			User Security and Auditing in Oracle Database 12c	2.27						od dbre a03 it enus
			Backing Up, Recovering, Importing, and Exporting Data in Oracle Database 12c	2.27						od dbre a04 it enus
			Database Maintenance and Performance Tuning in Oracle Database 12c	1.97						od dbre a05 it enus
			SQL Tuning, Resource Management, and Job Scheduling in Oracle Database 12c	2.65						od dbre a06 it enus
		Oracle Database 12c: Introduction to SQL								
			Oracle Database 12c - Introduction to SQL: Relational Database and SQL Developer	1.82						od insq a01 it enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Oracle Database 12c - Introduction to SQL: SQL*Plus and SELECT Statement	1.2						od insq a02 it enus
			Oracle Database 12c - Introduction to SQL: Restrict, Sort, and Customize Output	2.28						od insq a03 it enus
			Oracle Database 12c - Introduction to SQL: Data Conversion and Aggregating Data	1.82						od insq a04 it enus
			Oracle Database 12c - Introduction to SQL: Working with Joins and Subqueries	1.87						od insq a05 it enus
			Oracle Database 12c - Introduction to SQL: Data Manipulation Language	1.9						od insq a06 it enus
			Oracle Database 12c - Introduction to SQL: Working with SET Operators and DDL	1.78						od insq a07 it enus
		Oracle Database 12c: Performance Tuning								
			Oracle 12c Performance Tuning: Introduction	1.17						od pmte a01 it enus
			Oracle 12c Performance Tuning: Automatic Workload Repository	1.17						od pmte a02 it enus
			Oracle 12c Performance Tuning: Metrics and Monitoring	0.9						od pmte a03 it enus
			Oracle 12c Performance Tuning: Application Monitoring and SQL Diagnostics	1.42						od pmte a04 it enus
			Oracle 12c Performance Tuning: Tuning Problem SQL Statements	1.72						od pmte a05 it enus
			Oracle 12c Performance Tuning: Measuring and Maintaining SQL Performance	1.73						od pmte a06 it enus
			Oracle 12c Performance Tuning: Tuning Instance Memory	2.18						od pmte a07 it enus
			Oracle 12c Performance Tuning: Performance Tuning Summary	1.38						od pmte a08 it enus
		Oracle Database 12c: RAC Administration								
			Oracle Database 12c RAC Administration: Introduction to Oracle RAC	1.68						od raad a01 it enus
			Oracle Database 12c RAC Administration: Installing, Configuring, and Patching	1.62						od raad a02 it enus
			Oracle Database 12c RAC Administration: Day-to-Day Administration	1.5						od raad a03 it enus
			Oracle Database 12c RAC Administration: Backup and Recovery	1.5						od raad a04 it enus
			Oracle Database 12c RAC Administration: Global Resource Management	1.22						od raad a05 it enus
			Oracle Database 12c RAC Administration: Monitoring and Tuning	1.65						od raad a06 it enus
			Oracle Database 12c RAC Administration: Client Connections and QoS	2.37						od raad a07 it enus
			Oracle Database 12c RAC Administration: Services and Multitenant Architecture	1.98						od raad a08 it enus
		Oracle Database 12c R2 SQL								
			Oracle Database 12c R2 SQL: Using Structured Query Language (SQL)	0.83						it dfosfd 01 enus
			Oracle Database 12c R2 SQL: Data Manipulation Language and Transaction Control Language	1						it dfosfd 02 enus
			Oracle Database 12c R2 SQL: Using Basic SELECT statements	1						it dfosfd 03 enus
			Oracle Database 12c R2 SQL: Conversion Functions and Conditional Expressions	1.13						it dfosfd 04 enus
			Oracle Database 12c R2 SQL: Displaying Data from Multiple Tables	1.12						it dfosfd 05 enus
			Oracle Database 12c R2 SQL: Using the Set Operators	0.67						it dfosfd 06 enus
			Oracle Database 12c R2 SQL: Managing Objects with Data Dictionary Views	0.58						it dfosfd 07 enus
			Oracle Database 12c R2 SQL: Managing Schema Objects	1.2						it dfosfd 08 enus
			Oracle Database 12c R2 SQL: Data Definition Language (DDL)	1.05						it dfosfd 09 enus
			Oracle Database 12c R2 SQL: SQL*Plus	0.77						it dfosfd 10 enus
			Oracle Database 12c R2 SQL: Restricting and Sorting Data	1						it dfosfd 11 enus
			Oracle Database 12c R2 SQL: Using Single-Row Functions to Customize Output	1.18						it dfosfd 12 enus
			Oracle Database 12c R2 SQL: Reporting Aggregated Data Using the Group Functions	1.1						it dfosfd 13 enus
			Oracle Database 12c R2 SQL: Using Subqueries to Solve Queries	1.4						it dfosfd 14 enus
			Oracle Database 12c R2 SQL: Creating Other Schema Objects	0.8						it dfosfd 15 enus
			Oracle Database 12c R2 SQL: Controlling User Access	0.6						it dfosfd 16 enus
			Oracle Database 12c R2 SQL: Manipulating Data Using Advanced Queries	1.1						it dfosfd 17 enus
	Oracle 11g									
		Oracle Database 11g: New Features for Administrators Release 2								
			Oracle Database 11g Release 2: Application Performance Enhancements	1						od onft a08 it enus
			Oracle Database 11g Release 2: Oracle Scheduler and Secure Backup	1						od onft a10 it enus
		Oracle Database 11g: Administration Workshop II Release 2								
			Oracle Database 11g Release 2: Managing Database Memory and Performance	2						od odat a06 it enus
	Oracle ATG									
		Oracle Commerce: Platform Fundamentals								
			Oracle Commerce Application Structure and Deployment	1.62						df ocpf a01 it enus
			Building Simple Applications	1.25						df ocpf a02 it enus
			Data Models and JSP	1.18						df ocpf a03 it enus
			Using the Repository	1.5						df ocpf a04 it enus
			Core Commerce and the Product Catalog	1.23						df ocpf a05 it enus
			Form Handling with Pipelines and REST	1.37						df ocpf a06 it enus
			Advanced Configuration Options	1.23						df ocpf a07 it enus
			Extending Oracle Commerce Applications	0.7						df ocpf a08 it enus
	Microsoft SQL Server 2016									
		Microsoft SQL Server 2016: Administering								
			Microsoft SQL Server 2016: Encryption	1.63						df sqla a01 it enus
			Microsoft SQL Server 2016: Data Access and Permissions	2.23						df sqla a02 it enus
			Microsoft SQL Server 2016: Auditing	2.03						df sqla a03 it enus
			Microsoft SQL Server 2016: Backing Up Databases	1.78						df sqla a04 it enus
			Microsoft SQL Server 2016: Restoring Databases	2.12						df sqla a05 it enus
			Microsoft SQL Server 2016: Managing Database Integrity	0.95						df sqla a06 it enus
			Microsoft SQL Server 2016: Monitoring Database Activity and Queries	2.17						df sqla a07 it enus
			Microsoft SQL Server 2016: Monitoring SQL Server Instances	2.12						df sqla a08 it enus
			Microsoft SQL Server 2016: Managing Indexes and Statistics	1.52						df sqla a09 it enus
			Microsoft SQL Server 2016: High Availability and Disaster Recovery	1.75						df sqla a10 it enus
		Microsoft SQL Server 2016: Developing								
			SQL Server 2016 Database Objects	1.8						df sqld a01 it enus
			SQL Server 2016 Indexes and Views	2.08						df sqld a02 it enus
			Columnstore Indexes	1.55						df sqld a03 it enus
			Programmability Objects	2.48						df sqld a04 it enus
			Triggers and Functions	1.92						df sqld a05 it enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Transactions and Isolation Levels	1.72						df_sqld_a06_it_enus
			Managing Database Concurrency	1.78						df_sqld_a07_it_enus
			Optimize SQL Database Objects and Infrastructure	1.98						df_sqld_a08_it_enus
			Database Instances	2.2						df_sqld_a09_it_enus
			Performance Tuning	2.12						df_sqld_a10_it_enus
		Microsoft SQL Server 2016: Provisioning								
			Components of a SQL Server 2016 Installation	1.98						df_sqip_a01_it_enus
			Installing and Upgrading SQL Server 2016	1.82						df_sqip_a02_it_enus
			SQL Server Virtual Machines on Azure	1.9						df_sqip_a03_it_enus
			SQL Server Instances and Storage Considerations	1.63						df_sqip_a04_it_enus
			Microsoft Azure SQL Database Security	1.58						df_sqip_a05_it_enus
			Azure SQL Database Encryption	1.58						df_sqip_a06_it_enus
			SQL Server Performance Settings	1.28						df_sqip_a07_it_enus
			Deploying Applications to Microsoft Azure SQL Databases	1.6						df_sqip_a08_it_enus
			Azure Virtual Machines	1.5						df_sqip_a09_it_enus
			Migrating Client Applications	1.38						df_sqip_a10_it_enus
		Microsoft SQL Server 2016: Querying								
			T-SQL Querying	2.15						df_sqiq_a01_it_enus
			Querying and Manipulating Data	2.23						df_sqiq_a02_it_enus
			Filter and Modify Data in SQL Server 2016	2.35						df_sqiq_a03_it_enus
			Using Functions in SQL Server 2016	1.6						df_sqiq_a04_it_enus
			Aggregating Data in SQL Server 2016	2.33						df_sqiq_a05_it_enus
			Subqueries and Predicate	1.6						df_sqiq_a06_it_enus
			Operators and Expressions in SQL Server 2016	1.58						df_sqiq_a07_it_enus
			Database Programmability Objects and Non-Relational Data	1.95						df_sqiq_a08_it_enus
		Microsoft SQL Server 2014								
		Microsoft SQL Server 2014: Designing Database Solutions								
			Microsoft SQL Server 2014 - Designing Solutions: Planning Infrastructure	2.97						md_ddsa_a01_it_enus
			Microsoft SQL Server 2014 - Designing Solutions: Private Clouds	1.98						md_ddsa_a02_it_enus
			Microsoft SQL Server 2014 - Designing Solutions: Windows Azure SQL Database	2.5						md_ddsa_a03_it_enus
			Microsoft SQL Server 2014 - Designing Solutions: High Availability	1.77						md_ddsa_a04_it_enus
			Microsoft SQL Server 2014 - Designing Solutions: Clustering and AlwaysOn	2.52						md_ddsa_a05_it_enus
			Microsoft SQL Server 2014 - Designing Solutions: Backup and Recovery	2.8						md_ddsa_a06_it_enus
		Microsoft SQL Server 2014: Designing Business Intelligence Solutions								
			Microsoft SQL Server 2014 - Designing BI Solutions: BI Infrastructure Design	3.2						md_dbis_a01_it_enus
			Microsoft SQL Server 2014 - Designing BI Solutions: Extract, Transform, and Load	2.92						md_dbis_a02_it_enus
			Microsoft SQL Server 2014 - Designing BI Solutions: Data Models	2.8						md_dbis_a03_it_enus
			Microsoft SQL Server 2014 - Designing BI Solutions: Reporting Services	2.82						md_dbis_a04_it_enus
			Microsoft SQL Server 2014 - Designing BI Solutions: SharePoint Integration	2.47						md_dbis_a05_it_enus
			Microsoft SQL Server 2014 - Designing BI Solutions: MDX Queries and Performance	3.02						md_dbis_a06_it_enus
			Microsoft SQL Server 2014 - Designing BI Solutions: Availability and Recovery	2.38						md_dbis_a07_it_enus
		Microsoft SQL Server 2014: Implementing Data Models and Reports								
			Microsoft SQL Server 2014: Design and Install Analysis Services and Tools	1.95						md_idmr_a01_it_enus
			Microsoft SQL Server 2014: Designing Multidimensional Models and Data Sources	2.05						md_idmr_a02_it_enus
			Microsoft SQL Server: Implement and Configure Cubes	1.78						md_idmr_a03_it_enus
			Microsoft SQL Server 2014: Design and Implement Dimensions	2.13						md_idmr_a04_it_enus
			Microsoft SQL Server: Implement Partitions and Custom Logic	2.43						md_idmr_a05_it_enus
			Microsoft SQL Server 2014: MDX Queries, Process Models, and Deploy Databases	2.53						md_idmr_a06_it_enus
			Microsoft SQL Server 2014: Manage, Maintain, and Troubleshoot SSAS	2.05						md_idmr_a07_it_enus
			Microsoft SQL Server 2014: Create and Manage Tabular Data Models	2.77						md_idmr_a08_it_enus
			Microsoft SQL Server 2014: Design Reports and Create Data Sources and Datasets	2.07						md_idmr_a09_it_enus
			Microsoft SQL Server 2014: Report Formatting and Interactivity	2.57						md_idmr_a10_it_enus
			Microsoft SQL Server 2014: Manage Reporting Services	1.62						md_idmr_a11_it_enus
			Microsoft SQL Server 2014: Process Report and Create Subscriptions and Schedules	1.32						md_idmr_a12_it_enus
		Microsoft SQL Server 2014: Implementing a Data Warehouse								
			Designing and Implementing Dimensions	1.17						md_idwm_a01_it_enus
			Designing a Fact Table	1.12						md_idwm_a02_it_enus
			Connection Managers and Data Sources	1.25						md_idwm_a03_it_enus
			Designing Data Flow	1.08						md_idwm_a04_it_enus
			Data Flow Implementation	1.1						md_idwm_a05_it_enus
			SSIS Package Execution and Script Tasks	1.32						md_idwm_a06_it_enus
			Designing Control Flow	1.07						md_idwm_a07_it_enus
			Implementing Control Flow	1.2						md_idwm_a08_it_enus
			SSIS Variables	0.65						md_idwm_a09_it_enus
			SSIS Packages	1.68						md_idwm_a10_it_enus
			Data Load Options	1						md_idwm_a11_it_enus
			Script Components	0.78						md_idwm_a12_it_enus
			SSIS Components	1.67						md_idwm_a13_it_enus
			Auditing, Logging, and Event Handling	0.85						md_idwm_a14_it_enus
			Troubleshooting Data Integration	1						md_idwm_a15_it_enus
			SSIS Solutions	0.83						md_idwm_a16_it_enus
			SSIS Security	1.07						md_idwm_a17_it_enus
			Data Quality Services (DQS) and Master Data Services (MDS)	1.25						md_idwm_a18_it_enus
			Data Quality Projects	0.83						md_idwm_a19_it_enus
		Systems and Database Design								
		Generic Database Fundamentals								

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Generic Database Fundamentals: Architecture and Normalization Concepts	3.23						df qdtu a01 it enus
			Generic Database Fundamentals: Relation Algebra, SQL, and Concurrency Concepts	3.57						df qdtu a02 it enus
			Generic Design and Modeling Databases							
			Generic Design and Modeling Databases: Concepts and Conceptual Design	2.22						df qdmd a01 it enus
			Generic Design and Modeling Databases: Logical and Physical Design	3						df qdmd a02 it enus
			Microsoft SQL Server 2012							
			Microsoft SQL Server 2012: Querying							
			Microsoft SQL Server 2012: Creating Database Objects	2						md mssq a01 it enus
			Microsoft SQL Server 2012: Querying Basics and Modifying Data	1.5						md mssq a02 it enus
			Microsoft SQL Server 2012: Manipulate Data Using Operators and Functions	2						md mssq a03 it enus
			Microsoft SQL Server 2012: Creating Functions and Triggers	1						md mssq a04 it enus
			Microsoft SQL Server 2012: Creating Programming Objects and Optimizing Queries	2						md mssq a05 it enus
			Microsoft SQL Server 2012: Managing XML Data	2						md mssq a06 it enus
			Microsoft SQL Server: Developing Databases							
			Microsoft SQL Server 2014 - Developing Databases: New Features	2.1						md dsqd a09 it enus
			Microsoft SQL Server 2012 – Developing Databases: Implementing Tables and Views	1.8						md dsqd b01 it enus
			Microsoft SQL Server 2012 – Developing Databases: Implementing Indexes	1.52						md dsqd b02 it enus
			Microsoft SQL Server 2012 – Developing Databases: Stored Procedures	1.3						md dsqd b03 it enus
			Microsoft SQL Server 2012 – Developing Databases: CLR Integration	1.18						md dsqd b04 it enus
			Microsoft SQL Server 2012 – Developing Databases: Working with Data	1.7						md dsqd b05 it enus
			Microsoft SQL Server 2012 – Developing Databases: Working with XML Data	1.82						md dsqd b06 it enus
			Microsoft SQL Server 2012 – Developing Databases: Tuning and Optimizing Queries	1.5						md dsqd b07 it enus
			Microsoft SQL Server 2012 – Developing Databases: Managing and Troubleshooting	1.5						md dsqd b08 it enus
			SQL							
			Introduction to SQL							
			Introduction to SQL	2.88						df sqli a01 it enus
			Introduction to SQL: Managing Table Design	1.92						df sqli a02 it enus
			Introduction to SQL: Multiple Tables and Advanced Queries	2.65						df sqli a03 it enus
			Introduction to SQL: Views, Transactions, and SQL Security Architecture	3.15						df sqli a04 it enus
			MySQL							
			MySQL Database Development							
			MySQL Database Development: Introduction	0.97						it dfmydd 01 enus
			MySQL Database Development: Database Design Fundamentals	1.1						it dfmydd 02 enus
			MySQL Database Development: DDL Statements	0.88						it dfmydd 03 enus
			MySQL Database Development: Manipulating Data	0.88						it dfmydd 04 enus
			MySQL Database Development: SELECT Statement and Operators	1.07						it dfmydd 05 enus
			MySQL Database Development: Working with Functions	1.1						it dfmydd 06 enus
			MySQL Database Development: Stored Routines, Triggers, and the InnoDB memcached Plugin	0.8						it dfmydd 07 enus
			MySQL Database Development: Query and Performance Optimization	1.47						it dfmydd 08 enus
			MySQL Database Development: GIS, Cloud, and Connectors for MySQL	0.95						it dfmydd 09 enus
			MySQL							
			MySQL: Triggers & Stored Procedures	1.4						it aplumgdi 07 enus
			MySQL: Transactions, Savepoints, & Locks	1.47						it aplumgdi 08 enus
			MySQL: Getting Started	1.15						it aplumgdi 01 enus
			MySQL: Creating & Updating Tables	1.18						it aplumgdi 02 enus
			MySQL: Querying Data	1.03						it aplumgdi 03 enus
			MySQL: Understanding & Implementing Joins	1						it aplumgdi 04 enus
			MySQL: Grouping & Aggregation Operations	0.97						it aplumgdi 05 enus
			MySQL: Views, Indices, & Normal Forms	1.33						it aplumgdi 06 enus
			Big Data							
			Big Data Fundamentals							
			The Big Data Technology Wave	1.8						df bqdt a01 it enus
			Big Data Opportunities and Challenges	1.83						df bqdt a02 it enus
			Apache Hadoop and MapReduce Essentials							
			Apache Hadoop	1.98						df ahmr a01 it enus
			MapReduce Essentials	2.02						df ahmr a02 it enus
			Hadoop Ecosystem							
			Ecosystem for Hadoop	1.58						df ahec a01 it enus
			Installation of Hadoop	2.52						df ahec a02 it enus
			Data Repository with HDFS and HBase	2.12						df ahec a03 it enus
			Data Repository with Flume	2						df ahec a04 it enus
			Data Repository with Sqoop	1.43						df ahec a05 it enus
			Data Refinery with YARN and MapReduce	1.62						df ahec a06 it enus
			Data Factory with Hive	2.08						df ahec a07 it enus
			Data Factory with Pig	1.88						df ahec a08 it enus
			Data Factory with Oozie and Hue	2.67						df ahec a09 it enus
			Data Flow for the Hadoop Ecosystem	1.9						df ahec a10 it enus
			Hadoop Operations							
			Designing Hadoop Clusters	2.22						df ahop a01 it enus
			Hadoop in the Cloud	2.88						df ahop a02 it enus
			Deploying Hadoop Clusters	3.02						df ahop a03 it enus
			Hadoop Cluster Availability	2.8						df ahop a04 it enus
			Securing Hadoop Clusters	3.45						df ahop a05 it enus
			Operating Hadoop Clusters	2.92						df ahop a06 it enus
			Stabilizing Hadoop Clusters	3.73						df ahop a07 it enus
			Capacity Management for Hadoop Clusters	2.22						df ahop a08 it enus

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			Performance Tuning of Hadoop Clusters	2.7						df_ahop_a09_it_enus
			Cloudera Manager and Hadoop Clusters	3.85						df_ahop_a10_it_enus
		Big Data – The Corporate Leadership Perspective								
			Big Data Corporate Leadership Perspective	0.98						df_bgcp_a01_it_enus
		Big Data – The Engineering Perspective								
			Big Data Engineering Perspectives	1.13						df_bgcp_a01_it_enus
		Big Data – The Legal Perspective								
			Big Data - The Legal Perspective	0.7						df_bgcp_a01_it_enus
		Big Data - The Marketing Perspective								
			Big Data Marketing Perspective	0.78						df_bgcp_a01_it_enus
		Big Data – The Strategic Planning Perspective								
			Big Data Strategic Planning	0.88						df_bgcp_a01_it_enus
		Big Data – The Sales Perspective								
			Big Data Sales Perspective	0.72						df_bgcp_a01_it_enus
		Apache Kafka								
			Apache Kafka Operations	2.27						df_apka_a01_it_enus
			Apache Kafka Development	1.4						df_apka_a02_it_enus
			Kafka Integration with Spark	1.12						df_apka_a03_it_enus
			Kafka Integration with Storm	0.83						df_apka_a04_it_enus
			Clustering with Kafka	0.98						df_apka_a05_it_enus
			Kafka Real-time Applications	1.05						df_apka_a06_it_enus
		Apache Storm Introduction								
			Apache Storm Introduction – Architecture and Installation	2.82						df_apsi_a01_it_enus
			Apache Storm Introduction - API and Topology	3.08						df_apsi_a02_it_enus
		IBM BigInsights Fundamentals								
			IBM BigInsights Fundamentals: Hadoop Solution	1.35						df_ibmb_a01_it_enus
			IBM BigInsights Fundamentals: Analyzing, Querying, and Extracting Big Data	1.55						df_ibmb_a02_it_enus
		Apache Solr Essentials								
			Apache Solr – Deployment and Configuration	2.42						df_esas_a01_it_enus
			Apache Solr - Query and Data Management	1.68						df_esas_a02_it_enus
		Big Data Operations								
			Managing Big Data Operations	0.73						df_bdop_a01_it_enus
			Quality and Security of Big Data Operations	0.72						df_bdop_a02_it_enus
		Data Modeling for Hadoop								
			Introduction to Hadoop	1.47						df_dmhp_a01_it_enus
			Introduction to Data Modeling in Hadoop	1.12						df_dmhp_a02_it_enus
		Big Data Development with Apache Spark								
			Introduction to Apache Spark	1.03						df_apsk_a01_it_enus
			Apache Spark SQL	1.17						df_apsk_a02_it_enus
			Structured Streaming	1.22						df_apsk_a03_it_enus
			Spark Monitoring and Tuning	0.98						df_apsk_a04_it_enus
			Spark Security	0.6						df_apsk_a05_it_enus
		Hadoop Installation and Maintenance								
			Hadoop Distributed File System	0.6						df_hdra_a01_it_enus
			Hadoop Clusters	0.88						df_hdra_a02_it_enus
			Apache Hadoop on Amazon EMR	0.9						df_hdra_a03_it_enus
			Hadoop Ranger	0.93						df_hdra_a04_it_enus
			Hadoop Maintenance and Distributions	0.72						df_hdra_a05_it_enus
		Accessing Data with Spark								
			Accessing Data with Spark: An Introduction to Spark	1.12						it_dsadskdj_01_enus
			Accessing Data with Spark: Data Analysis Using the Spark DataFrame API	1.2						it_dsadskdj_02_enus
			Accessing Data with Spark: Data Analysis using Spark SQL	0.92						it_dsadskdj_03_enus
	Business Intelligence									
		Microsoft SQL Server Data Warehousing and Business Intelligence Introduction								
			Microsoft SQL Server Data Warehousing and Business Intelligence Overview	2.05						md_dwbi_a01_it_enus
		Business Intelligence with QlikView								
			BI with QlikView: Getting Started	2.35						df_biwq_a01_it_enus
			BI with QlikView: Data Modeling	2.65						df_biwq_a02_it_enus
			BI with QlikView: Macros and Properties	0.58						df_biwq_a03_it_enus
			BI with QlikView: Data Governance and Metadata Management	1.75						df_biwq_a04_it_enus
			BI with QlikView: Dashboards and Comparative Analysis	0.77						df_biwq_a05_it_enus
			BI with QlikView: Scripting and Designing	2.2						df_biwq_a06_it_enus
			BI with QlikView: Application Deployment and Performance	1.92						df_biwq_a07_it_enus
			BI with QlikView: Server	1.12						df_biwq_a08_it_enus
		Business Intelligence with TIBCO Spotfire								
			Spotfire Basics	0.67						df_tbsf_a01_it_enus
			Spotfire Visualizations and Relationships	1.33						df_tbsf_a02_it_enus
			Diving into the World of Spotfire	1.3						df_tbsf_a03_it_enus
			Spotfire Automation, Analyzation, and Visualization	0.98						df_tbsf_a04_it_enus
			More Spotfire Visualization Techniques	1.08						df_tbsf_a05_it_enus
			Spotfire Data Combinations	0.9						df_tbsf_a06_it_enus
			Scripting with Spotfire	0.93						df_tbsf_a07_it_enus
			Complex Visualizations and Analytics	1.67						df_tbsf_a08_it_enus
			Advanced TIBCO Spotfire	1.1						df_tbsf_a09_it_enus
	Data Visualization									
		Data Visualization Essentials								

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			Data Visualization: Essentials	1.75						df fodv a01 it enus
		Microsoft Power BI								
			Data Analytics using Power BI: Concepts	0.87						df mpbi a01 it enus
			Data Analytics Using Power BI: Data Sourcing and Preparation	1.8						df mpbi a02 it enus
			Data Analytics Using Power BI: Data Modeling and Visualization	1.35						df mpbi a03 it enus
		Tableau Data Visualization and Analytics								
			Tableau Interface and Sharing	0.68						df tabv a01 it enus
			Tableau Visualization Design	1.62						df tabv a02 it enus
			Tableau Charts	0.75						df tabv a03 it enus
			Tableau Data Connections	1.15						df tabv a04 it enus
			Tableau Dashboards and Data Organization	1.27						df tabv a05 it enus
			Tableau Time Dimensions	0.5						df tabv a06 it enus
			Tableau Maps	1.05						df tabv a07 it enus
			Tableau Advanced Visualizations	0.77						df tabv a08 it enus
			Tableau Calculations	0.73						df tabv a09 it enus
			Tableau Scripting	1.47						df tabv a10 it enus
		Tableau Desktop								
			Tableau Desktop: Opening & Connecting Data Sources	0.83						ds tbldsk 01 enus
			Tableau Desktop: Preparing & Cleaning Data	0.72						ds tbldsk 02 enus
			Tableau Desktop: Blending & Managing Data Files	0.8						ds tbldsk 03 enus
			Tableau Desktop: Working with Data & Fields	0.88						ds tbldsk 04 enus
			Tableau Desktop: Creating Data Visualizations	0.72						ds tbldsk 05 enus
			Tableau Desktop: Analyzing Data	0.73						ds tbldsk 06 enus
			Tableau Desktop: Performing Calculations	0.63						ds tbldsk 07 enus
			Tableau Desktop: Going Deeper with Maps	0.73						ds tbldsk 08 enus
			Tableau Desktop: Enhancing Data Visualizations	0.67						ds tbldsk 09 enus
			Tableau Desktop: Presenting & Delivering Vizzes	0.83						ds tbldsk 10 enus
	Data Science									
		Data Science Essentials								
			Data Science Overview	0.73						df dses a01 it enus
			Data Gathering	1.23						df dses a02 it enus
			Data Filtering	1.03						df dses a03 it enus
			Data Transformation	0.8						df dses a04 it enus
			Data Exploration	0.98						df dses a05 it enus
			Data Integration	0.72						df dses a06 it enus
			Data Analysis Concepts	1.67						df dses a07 it enus
			Data Classification and Machine Learning	1.32						df dses a08 it enus
			Data Communication and Visualization	1.33						df dses a09 it enus
		Data Science Using R								
			Data Wrangling in R	1.45						df dsur a01 it enus
			Debugging in R	0.93						df dsur a02 it enus
			Programming Techniques in R	1.53						df dsur a03 it enus
			Domain-Specific Tools in R	1.15						df dsur a04 it enus
		Perform Cloud Data Science with Azure Machine Learning								
			Cloud Data Science: Using Algorithms in Azure Machine Learning Studio	0.77						it dfpdsm 08 enus
		Streaming Data Architectures								
			Streaming Data Architectures: An Introduction to Streaming Data	0.85						it dssdardi 01 enus
			Streaming Data Architectures: Processing Streaming Data	0.88						it dssdardi 02 enus
		Implementing Data Access & Governance Policies								
			Data Access & Governance Policies: Data Access Oversight and IAM	0.98						it dsgpacdj 01 enus
			Data Access & Governance Policies: Data Classification, Encryption, and Monitoring	1.32						it dsopacdj 02 enus
		R for Data Science								
			R for Data Science: Data Structures	0.87						it dsrfrdsi 01 enus
			R for Data Science: Importing and Exporting Data	0.57						it dsrfrdsi 02 enus
			R for Data Science: Data Exploration	0.68						it dsrfrdsi 03 enus
			R for Data Science: Regression Methods	0.62						it dsrfrdsi 04 enus
			R for Data Science: Classification & Clustering	0.65						it dsrfrdsi 05 enus
			R for Data Science: Data Visualization	0.55						it dsrfrdsi 06 enus
		Creating Real Time Dashboards								
			Tableau Desktop: Real Time Dashboards	1.13						it dsrfrdsi 01 enus
		Getting Started with Hive								
			Getting Started with Hive: Introduction	0.93						it dsqshvdi 01 enus
			Getting Started with Hive: Loading and Querying Data	1.33						it dsqshvdi 02 enus
			Getting Started with Hive: Viewing and Querying Complex Data	1.23						it dsqshvdi 03 enus
			Getting Started with Hive: Optimizing Query Executions	0.72						it dsqshvdi 04 enus
			Getting Started with Hive: Optimizing Query Executions with Partitioning	1.02						it dsqshvdi 05 enus
			Getting Started with Hive: Bucketing & Window Functions	1.07						it dsqshvdi 06 enus
		Statistics for Data Science #1								
			Data Science Statistics: Simple Descriptive Statistics	1.18						it dssds1dj 01 enus
			Data Science Statistics: Common Approaches to Sampling Data	0.78						it dssds1dj 02 enus
			Data Science Statistics: Inferential Statistics	1.03						it dssds1dj 03 enus
		Statistics for Data Science #2								
			Data Science Statistics: Using Python to Compute & Visualize Statistics	1.27						it dssds2dj 01 enus
			Data Science Statistics: Applied Inferential Statistics	1.32						it dssds2dj 02 enus
		Enterprise Governance Strategies								
			Implementing Governance Strategies	0.77						it dsenqsdj 01 enus
		Compliance Issues and Strategies								

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			Compliance Issues and Strategies: Data Compliance	0.73						it_dsqistdi_01_enus
		Data Architecture: Getting Started								
			Data Architecture Primer	1.07						it_dsqasqdi_01_enus
		Data Analysis Application								
			Data Analysis Application	1.42						it_dsqaadpi_01_enus
		Working with HDFS								
			Hadoop HDFS: Introduction	1.25						it_dshdfsdj_01_enus
			Hadoop HDFS: Introduction to the Shell	0.88						it_dshdfsdj_02_enus
			Hadoop HDFS: Working with Files	0.8						it_dshdfsdj_03_enus
			Hadoop HDFS: File Permissions	0.87						it_dshdfsdj_04_enus
		MongoDB for Data Wrangling								
			MongoDB for Data Wrangling: Querying	1.13						it_dsmqswdi_01_enus
			MongoDB for Data Wrangling: Aggregation	0.85						it_dsmqswdi_02_enus
		Powering Recommendation Engines								
			Powering Recommendation Engines: Recommendation Engines	1.08						it_dsprendi_01_enus
		Creating Data APIs for Customers								
			Creating Data APIs Using Node.js	1.5						it_dscdadci_01_enus
		Deploying Data Tools for All Users								
			Deploying Data Tools: Data Science Tools	0.8						it_dsdaldj_01_enus
		Trifacta for Data Wrangling								
			Trifacta for Data Wrangling: Wrangling Data	0.83						it_dstrdwdi_01_enus
		Balancing the Four Vs of Data								
			Balancing the Four Vs of Data: The Four Vs of Data	0.7						it_dsbfvddj_01_enus
		Cleaning Data in R								
			Data Wrangler 4: Cleaning Data in R	1						it_dscdirjd_01_enus
		Data Research in Practice								
			Data Science 9: Data Research Techniques	0.55						it_dsdripdi_01_enus
			Data Science 10: Data Research Exploration Techniques	0.83						it_dsdrrtdi_02_enus
			Data Scientist 14: Data Research Statistical Approaches	0.72						it_dsdrrtdi_03_enus
		Raw Data to Insights								
			Raw Data to Insights: Data Ingestion & Statistical Analysis	0.88						it_dsrindpi_01_enus
			Raw Data to Insights: Data Management & Decision Making	0.95						it_dsrindpi_02_enus
		Enterprise Value Through Data								
			Data Science 2: Data Driven Organizations	1.25						it_dsevtddi_01_enus
		Getting Started with Hadoop								
			Getting Started with Hadoop: Fundamentals & MapReduce	1.07						it_dshpfddj_01_enus
			Getting Started with Hadoop: Developing a Basic MapReduce Application	1.23						it_dshpfddj_02_enus
			Getting Started with Hadoop: Filtering Data Using MapReduce	0.98						it_dshpfddj_03_enus
			Getting Started with Hadoop: MapReduce Applications With Combiners	1.4						it_dshpfddj_04_enus
			Getting Started with Hadoop: Advanced Operations Using MapReduce	0.82						it_dshpfddj_05_enus
		Data Engineering Fundamentals								
			Data Engineering Fundamentals	0.77						it_dsdetddj_01_enus
		Integrating Data Sources from the Edge								
			Data Sources: Integration	0.67						it_dsidsejd_01_enus
			Data Sources: Implementing Edge on the Cloud	0.52						it_dsidsejd_02_enus
		Data Wrangling with Python/Pandas								
			Data Wrangling with Pandas: Working with Series & DataFrames	1.18						it_dsdwppdj_01_enus
			Data Wrangling with Pandas: Visualizations and Time-Series Data	1.48						it_dsdwppdj_02_enus
			Data Wrangling with Pandas: Advanced Features	1.2						it_dsdwppdj_03_enus
		Data Lakes in Practice								
			Data Lake: Framework & Design Implementation	0.57						it_dsdliipdi_01_enus
			Data Lake: Architectures & Data Management Principles	0.58						it_dsdliipdi_02_enus
		Data Architecture V2								
			Data Architecture - Deep Dive: Design & Implementation	0.6						it_dsfddadi_01_enus
			Data Architecture - Deep Dive: Microservices & Serverless Computing	0.43						it_dsfddadi_02_enus
		Building Data Pipelines								
			Building Data Pipelines	1.17						it_dsbdpidi_01_enus
		Data Rollbacks								
			Data Rollbacks: Transaction Rollbacks & Their Impact	0.6						it_dsdrltdi_01_enus
			Data Rollbacks: Transaction Management & Rollbacks in NoSQL	0.48						it_dsdrltdi_02_enus
		Picking the Right Data Tool								
			Data Tools: Technology Landscape & Tools for Data Management	0.45						it_dsprrtdi_01_enus
			Data Tools: Machine Learning & Deep Learning in the Cloud	0.38						it_dsprrtdi_02_enus
		Data Silos, Lakes, and Streams								
			Data Silos, Lakes, & Streams: Introduction	1.33						it_dsdslsdi_01_enus
			Data Silos, Lakes, and Streams: Data Lakes on AWS	1.17						it_dsdslsdi_02_enus
			Data Silos, Lakes, & Streams: Sources, Visualizations, & ETL Operations	1.5						it_dsdslsdi_03_enus
		Delivering Dashboards								
			Delivering Dashboards: Management Patterns	0.57						it_dsdedsdi_01_enus
			Delivering Dashboards: Exploration & Analytics	0.52						it_dsdedsdi_02_enus
		Data Insights, Anomalies, and Verification								
			Data Insights, Anomalies, & Verification: Handling Anomalies	0.8						it_dsdiavidi_01_enus
			Data Insights, Anomalies, & Verification: Machine Learning & Visualization Tools	0.9						it_dsdiavidi_02_enus
		Harnessing Data Volume and Velocity								
			Harnessing Data Volume & Velocity: Big Data to Smart Data	0.65						it_dshdvvdi_01_enus
		Scalable Data Architectures								
			Scalable Data Architectures: Introduction	0.9						it_dssdarcdi_01_enus

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			Scalable Data Architectures: Introduction to Amazon Redshift	0.9						it_dssdarcjdj_02_enus
			Scalable Data Architectures: Working with Amazon Redshift & QuickSight	1.3						it_dssdarcjdj_03_enus
		Secure Big Data Streams								
			Data Ops 16: Securing Big Data Streams	1						it_dssdssdj_01_enus
		Cloud Data Architecture								
			Cloud Data Architecture: DevOps & Containerization	0.8						it_dsadardj_01_enus
			Cloud Data Architecture: Data Management & Adoption Frameworks	1.08						it_dsadardj_02_enus
		Data Pipeline to Tableau								
			Data Pipeline: Process Implementation Using Tableau & AWS	0.65						it_dsdptbdj_01_enus
			Data Pipeline: Using Frameworks for Advanced Data Management	0.55						it_dsdptbdj_02_enus
		Reinforcement Learning Fundamentals								
			Reinforcement Learning: Essentials	0.5						it_mrlrfndj_01_enus
			Reinforcement Learning: Tools & Frameworks	0.58						it_mrlrfndj_02_enus
		Advanced Visualizations and Dashboards								
			Advanced Visualizations & Dashboards: Visualization Using Python	0.63						it_dsavdsdj_01_enus
			Advanced Visualizations & Dashboards: Visualization Using R	0.6						it_dsavdsdj_02_enus
		Story Telling with Data								
			Storytelling with Data: Introduction	0.78						it_dssttdjdj_01_enus
			Storytelling with Data: Tableau & PowerBI							it_dssttdjdj_02_enus
		DevOps for Data Scientists								
			DevOps for Data Scientists: Data DevOps Concepts	0.75						it_dsdods_01_enus
			DevOps for Data Scientists: Data Science DevOps	1.22						it_dsdods_02_enus
			DevOps for Data Scientists: Deploying Data DevOps	0.57						it_dsdods_03_enus
			DevOps for Data Scientists: Containers for Data Science	0.98						it_dsdods_04_enus
		Data Science Final Exams								
			Final Exam: Data Wrangler	1.5						ds_dwydsdj_a01_fe_enus
			Final Exam: Data Ops	1.5						ds_dodsdsj_a01_fe_enus
			Final Exam: Data Scientist	1.5						ds_dsdstdj_a01_fe_enus
			Final Exam: Data Analyst	1.08						ds_dadsdsj_a01_fe_enus
	No SQL									
		NoSQL								
			NoSQL Concepts and Background	1.98						df_nsql_a01_it_enus
			NoSQL Models and Applications	2.13						df_nsql_a02_it_enus
			Programming with NoSQL	1.97						df_nsql_a03_it_enus
			In Depth with NoSQL	1.03						df_nsql_a04_it_enus
		MongoDB Development								
			MongoDB: Installation Overview	0.63						df_mond_a01_it_enus
			MongoDB: Write, Read, and Aggregate Data	0.92						df_mond_a02_it_enus
			MongoDB: Indexes and Query Optimization	0.55						df_mond_a03_it_enus
			MongoDB: Replication and Security	1						df_mond_a04_it_enus
			MongoDB: Map Reduce, Atomic Counters, and Binary Data	0.75						df_mond_a05_it_enus
			MongoDB: Java REST and GridFS	0.63						df_mond_a06_it_enus
			MongoDB: User Management	0.5						df_mond_a07_it_enus
			MongoDB: System Management	0.68						df_mond_a08_it_enus
			MongoDB: Cloud and Hadoop Deployments	1.07						df_mond_a09_it_enus
			MongoDB: Backups, Monitoring, and Stats	0.72						df_mond_a10_it_enus
			Java ASYNC Interface	0.65						df_mond_a11_it_enus
			MongoDB with Python	1.02						df_mond_a12_it_enus
			MongoDB: Integration with Spark	0.98						df_mond_a13_it_enus
		RavenDB Fundamentals								
			RavenDB Overview	2.5						df_rvdb_a01_it_enus
			RavenDB Integration	2.38						df_rvdb_a02_it_enus
		Apache Cassandra								
			An Overview of Apache Cassandra	2.1						df_cass_a01_it_enus
		Apache HBase Fundamentals								
			Apache HBase Fundamentals: Installation, Architecture, and Data Modeling	1.67						df_hbas_a01_it_enus
			Apache HBase Fundamentals: Access Data through the Shell and Client API	2.12						df_hbas_a02_it_enus
			Apache HBase Fundamentals: Advanced API, Administration, and MapReduce	1.97						df_hbas_a03_it_enus
		Cassandra for SQL Developers								
			Cassandra vs. SQL	2.88						df_casd_a01_it_enus
			Working with Cassandra	1.8						df_casd_a02_it_enus
		NoSQL for FSD								
			NoSQL for FSD Development	0.98						it_fsnsqldj_01_enus
	Database Fundamentals									
		Database Fundamentals								
			SQL Server Database Fundamentals: Design Principles and Data Manipulation	3.32						df_dbfu_a01_it_enus
			SQL Server Database Fundamentals: Creating, Optimizing, and Securing Databases	2.63						df_dbfu_a02_it_enus
	Data Management									
		Predictive Analytics								
			Predictive Analytics & Big Data	0.63						df_prma_a01_it_enus
			Process & Application	0.98						df_prma_a02_it_enus
			Key Statistical Concepts	1.03						df_prma_a03_it_enus
			Correlation & Regression	0.57						df_prma_a04_it_enus
			Data Collection & Exploration	0.78						df_prma_a05_it_enus
			Data Mining, Data Distributions, & Hypothesis Testing	0.72						df_prma_a06_it_enus
			Data Preprocessing	0.52						df_prma_a07_it_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Data Reduction & Exploratory Data Analysis (EDA)	0.75						df_prma_a08_it_enus
			K-Nearest Neighbor (k-NN) & Artificial Neural Networks	0.75						df_prma_a09_it_enus
			A/B Testing, Bayesian Networks, and Support Vector Machine	0.78						df_prma_a10_it_enus
			Clustering Techniques	0.68						df_prma_a11_it_enus
			Linear and Logistic Regression	0.82						df_prma_a12_it_enus
			Text Mining & Social Network Analysis	0.92						df_prma_a13_it_enus
			Time Series Modeling	0.63						df_prma_a14_it_enus
			Machine Learning, Propensity Score, & Segmentation Modeling	0.9						df_prma_a15_it_enus
			Random Forests & Uplift Models	0.67						df_prma_a16_it_enus
			Model Life Cycle Management	0.6						df_prma_a17_it_enus
			Model Development, Validation, & Evaluation	1.02						df_prma_a18_it_enus
		Operational Intelligence								
			Operational Intelligence Fundamentals with Splunk							
			Splunk Fundamentals	1.37						df_oifs_a01_it_enus
			Using Your Data with Splunk	1.03						df_oifs_a02_it_enus
			Splunk Administration	1.72						df_oifs_a03_it_enus
			Splunk Visualizations and Dashboards	1.63						df_oifs_a04_it_enus
			Indexers, Clusters, and Advanced Search	1.72						df_oifs_a05_it_enus
		PostgreSQL								
			PostgreSQL: Getting Started							
			PostgreSQL Database Fundamentals Part #1	3.13						df_post_a01_it_enus
			PostgreSQL Database Fundamentals Part #2	2.72						df_post_a02_it_enus
		Teradata SQL								
			Teradata Basics							
			Teradata Basics: Relational Database and Data Warehouse Basics	1.85						df_tera_a01_it_enus
			Teradata Basics: Communication and Database Security	2.42						df_tera_a02_it_enus
			Teradata Basics: Data Storage and Access Methods	2.82						df_tera_a03_it_enus
			Teradata SQL							
			Teradata SQL: The SELECT Statement, Joins, and Subqueries	3.42						df_tesq_a01_it_enus
			Teradata SQL: Functions, Data Conversions, and Working with Time	2.52						df_tesq_a02_it_enus
			Teradata SQL: DDL, DML, and SQL Optimization	2.85						df_tesq_a03_it_enus
		SAS								
			Base SAS 9 Programming							
			Base SAS 9 Programming: The SAS Environment	1.37						df_sapo_a01_it_enus
			Base SAS 9 Programming: Introduction to Data Sets	2						df_sapo_a02_it_enus
			Base SAS 9 Programming: Working with Data Sets	1.78						df_sapo_a03_it_enus
			Base SAS 9 Programming: Creating Reports	1.53						df_sapo_a04_it_enus
			Base SAS 9 Programming: Inputs and Outputs	2.08						df_sapo_a05_it_enus
			Base SAS 9 Programming: Data Structures	1.53						df_sapo_a06_it_enus
		Blockchain								
			Essentials of Blockchain							
			Introduction to Digital Currency	1.28						df_bich_a01_it_enus
			The Basics of Blockchain	1.18						df_bich_a02_it_enus
			Bitcoin Technology Fundamentals	1.17						df_bich_a03_it_enus
			Working with Bitcoin	0.82						df_bich_a04_it_enus
			Exploring Blockchain Solutions							
			Exploring Blockchain	0.5						it_dfexcc_01_enus
			Blockchain in Action and IoT	0.57						it_dfexcc_02_enus
			Blockchain Trust and Design	0.57						it_dfexcc_03_enus
			Blockchain and Your Business	0.43						it_dfexcc_05_enus
			Developing with Blockchain	0.6						it_dfexcc_04_enus
			Developing and Implementing Blockchain Solutions							
			Blockchain Architectural Components and Platforms	1.17						it_dfccdd_01_enus
			Bitcoin Internals and Wallet Configuration	1.25						it_dfccdd_02_enus
			Securing Blockchain Implementations	0.55						it_dfccdd_04_enus
			Implementing Smart Contracts Using Ethereum	2.3						it_dfccdd_03_enus
			Blockchain - Working With Ethereum							
			Working with Ethereum: Storing Data	0.98						it_bcwktdi_01_enus
			Working with Ethereum: Smart Contract Development	1.23						it_bcwktdi_02_enus
			Working with Ethereum: Metamask & the Ethereum Wallet	1.45						it_bcwktdi_03_enus
			Working with Ethereum: The Geth Client	0.77						it_bcwktdi_04_enus
			Working with Ethereum: Lifecycle of a Smart Contract	0.77						it_bcwktdi_05_enus
			Working with Ethereum: Tools for Smart Contract Development	1.28						it_bcwktdi_06_enus
			Final Exam: Blockchain Application Developer	1.5						di_ble1_a01_fe_enus
			Blockchain Basics: Introduction to Blockchains and Ethereum							
			Blockchains & Ethereum: Introduction	0.98						it_bcinbedi_01_enus
			Blockchains & Ethereum: Performing Transactions in Ethereum	1.13						it_bcinbedi_02_enus
			Blockchains & Ethereum: Mining and Smart Contracts in Ethereum	1.25						it_bcinbedi_03_enus
			Blockchain Basics: Working with the Truffle Suite							
			Truffle Suite: Introduction	1.57						it_bcwfisdi_01_enus
			Truffle Suite: BlockBuilding Private Blockchain Networks with Ganache	1.13						it_bcwfisdi_02_enus
			Truffle Suite: Automating Development with the Truffle Framework	1.02						it_bcwfisdi_03_enus
			Truffle Suite: Using Drizzle to Build Decentralized Apps	1.5						it_bcwfisdi_04_enus
			Building Ethereum Smart Contracts with Solidity							
			Ethereum Smart Contracts with Solidity: An Overview of Ethereum and Solidity	0.95						it_bccscsdi_01_enus
			Ethereum Smart Contracts with Solidity: Features of the Solidity Language	1.37						it_bccscsdi_02_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Ethereum Smart Contracts with Solidity: The Remix Solidity IDE	1.35						it_bccscsdj_03_enus
			Ethereum Smart Contracts with Solidity: Functions in Solidity	1.38						it_bccscsdj_04_enus
			Ethereum Smart Contracts with Solidity: Ether Transfer Operations in Solidity	1.45						it_bccscsdj_05_enus
			Ethereum Smart Contracts with Solidity: Data & Control Structures in Solidity	1.18						it_bccscsdj_06_enus
			Ethereum Smart Contracts with Solidity: Build Decentralized Apps	1.3						it_bccscsdj_07_enus
		Blockchain and Hyperledger Fabric								
			Blockchain & Hyperledger Fabric: An Overview of Blockchain Technology	1.38						it_bcibhfdi_01_enus
			Blockchain & Hyperledger Fabric: An Overview of Hyperledger	0.87						it_bcibhfdi_02_enus
			Blockchain & Hyperledger Fabric: The Hyperledger Fabric	1.08						it_bcibhfdi_03_enus
			Final Exam: Blockchain Engineer	1.5						di_ble3_a01_fe_enus
		Building Blockchains with Hyperledger Fabric								
			Smart Contracts & Hyperledger Fabric: Foundations of Hyperledger Fabric	1.48						it_bcbschdj_01_enus
			Smart Contracts & Hyperledger Fabric: Setting Up a Hyperledger Fabric Network	1.32						it_bcbschdj_02_enus
			Smart Contracts & Hyperledger Fabric: Working with Fabric Chaincode in Golang	1.12						it_bcbschdj_03_enus
			Smart Contracts & Hyperledger Fabric: Working with Fabric Chaincode in NodeJS	0.72						it_bcbschdj_04_enus
			Smart Contracts & Hyperledger Fabric: Hyperledger Fabric Web App	1						it_bcbschdj_05_enus
			Smart Contracts & Hyperledger Fabric: Hyperledger Composer Playground	1.53						it_bcbschdj_06_enus
			Smart Contracts & Hyperledger Fabric: Web Apps for Hyperledger Composer Networks	1.22						it_bcbschdj_07_enus
			Final Exam: Smart Contracts Programmer	1.5						di_ble2_a01_fe_enus
		Blockchain Engineer: Building Blockchains on the Cloud								
			Cloud Blockchains: An Introduction to Blockchain on the Cloud	1.2						it_bcachfdi_01_enus
			Cloud Blockchains: Single Organization Networks on Amazon Managed Blockchain	1.67						it_bcachfdi_02_enus
			Cloud Blockchains: Multi-Organization Networks on Amazon Managed Blockchain	1.38						it_bcachfdi_03_enus
			Cloud Blockchains: Building Apps on the Azure Blockchain Workbench	1.52						it_bcachfdi_04_enus
			Final Exam: Blockchain Solutions Architect	1.5						di_ble4_a01_fe_enus
		Blockchain Engineer: Building Decentralized Applications for Ethereum								
			Building Decentralized Applications for Ethereum: An Introduction to dApps	0.97						it_bcbdaedi_01_enus
			Building Decentralized Applications for Ethereum: Building the Back End	1.4						it_bcbdaedi_02_enus
			Building Decentralized Applications for Ethereum: Building the Front End	1.48						it_bcbdaedi_03_enus
			Building Decentralized Applications for Ethereum: Bespoke Ethereum Tokens	0.82						it_bcbdaedi_04_enus
Data Integration										
		Talend Data Integration								
			Getting Started with the Software and Integrating Data	3.05						di_tadi_a01_it_enus
			Working with Data Mapping, Jobs, and Automation	2.28						di_tadi_a02_it_enus
Data Warehousing Essentials										
		Data Warehousing Essentials								
			Data Warehouse Essential: Concepts	1.73						it_dfdwes_01_enus
			Data Warehouse Essential: Architecture Frameworks and Implementation	1.03						it_dfdwes_02_enus
		Data Warehousing with Azure								
			Data Warehousing with Azure: Architecture & Modeling Techniques	1.3						it_dfdwaz_01_enus
			Data Warehousing with Azure: Implementing Azure SQL Data Warehouse	1.13						it_dfdwaz_02_enus
			Data Warehousing with Azure: Working with SQL Data Warehouse Objects	1.45						it_dfdwaz_03_enus
			Data Warehousing with Azure: Analytics and Reporting	0.75						it_dfdwaz_04_enus
			Data Warehousing with Azure: Data Lake Implementation Using Azure	1						it_dfdwaz_05_enus
			Data Warehousing with Azure: Managing Azure Data Lake	1						it_dfdwaz_06_enus
		Data Warehousing with Hadoop								
			Data Warehousing with Hadoop: Managing Big Data Using HDInsight Hadoop	1.1						it_dfdwha_01_enus
			Data Warehousing with Hadoop: Microsoft Analytics Platform System and Hive	1.48						it_dfdwha_02_enus
			Data Warehousing with Hadoop: HDInsight and Retail Sales Implementation Using Hive	0.77						it_dfdwha_03_enus
			Data Warehousing with Hadoop: Spark, HDInsight and Cluster Management	0.93						it_dfdwha_04_enus
Machine Learning										
		Research Topics in ML and DL								
			Research Topics in ML and DL	0.7						it_mlrtmddi_01_enus
		Building ML Training Sets								
			Building ML Training Sets: Introduction	1.13						it_mlbmltdi_01_enus
			Building ML Training Sets: Preprocessing Datasets for Linear Regression	0.85						it_mlbmltdi_02_enus
			Building ML Training Sets: Preprocessing Datasets for Classification	0.73						it_mlbmltdi_03_enus
		Predictive Modelling Best Practices								
			Predictive Modelling Best Practices: Applying Predictive Analytics	1.5						it_mlpmbpdi_01_enus
		Designing for Automation and Robotics								
			Automation Design & Robotics	0.6						it_mldaurdi_01_enus
		Deep Learning and Computer Vision								
			Deep Learning with Keras	1.93						it_midlcydi_01_enus
		Planning for AI								
			Planning AI Implementation	0.8						it_mlpaidi_01_enus
		Using Data to Find Data								
			Using Data to Find Data: Data Discovery & Exploration	0.88						it_dsudefdi_01_enus
			Using Data to Find Data: Correction & Categorization	0.85						it_dsudefdi_02_enus
		Math for Data Science #1								
			Math for Data Science & Machine Learning	1.03						it_mlmddi_01_enus
		Applied Predictive Modeling								
			Applied Predictive Modeling	1.13						it_mlapmldi_01_enus
			Final Exam: ML Architect	0.02						it_femia_04_enus
		Machine and Deep Learning Algorithms								
			Machine & Deep Learning Algorithms: Introduction	0.77						it_dsmldi_01_enus
			Machine & Deep Learning Algorithms: Regression & Clustering	0.82						it_dsmldi_02_enus

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			Machine & Deep Learning Algorithms: Data Preparation in Pandas ML	1.07						it_dsmldladi_03_enus
			Machine & Deep Learning Algorithms: Imbalanced Datasets Using Pandas ML	1.4						it_dsmldladi_04_enus
		Fundamentals of Sequence Models								
			Fundamentals of Sequence Model: Artificial Neural Network & Sequence Modeling	0.6						it_mlfnsmdji_01_enus
			Fundamentals of Sequence Model: Language Model & Modeling Algorithms	0.32						it_mlfnsmdji_02_enus
		Fundamentals of Model Management								
			Model Management: Building Machine Learning Models & Pipelines	0.53						it_mlfmdnmjdj_01_enus
			Model Management: Building & Deploying Machine Learning Models in Production	0.93						it_mlfmdnmjdj_02_enus
		Build and Train RNNs								
			Build & Train RNNs: Neural Network Components	0.62						it_mlbtrndji_01_enus
			Build & Train RNNs: Implementing Recurrent Neural Networks	0.82						it_mlbtrndji_02_enus
		Object Detection with CNNs								
			Convolutional Neural Networks: Fundamentals	0.77						it_mliodcndji_01_enus
			Convolutional Neural Networks: Implementing & Training	0.52						it_mliodcndji_02_enus
		Fundamentals of Computational Theory								
			Computational Theory: Language Principle & Finite Automata Theory	0.75						it_mlifdctdji_01_enus
			Computational Theory: Using Turing, Transducers, & Complexity Classes	0.8						it_mlifdctdji_02_enus
		Fundamentals of Predictive Modeling								
			Predictive Modeling: Predictive Analytics & Exploratory Data Analysis	0.68						it_mlifupddji_01_enus
			Predictive Modeling: Implementing Predictive Models Using Visualizations	0.7						it_mlifupddji_02_enus
			Final Exam: ML Engineer	0.02						it_fmlea_03_enus
		Math for Data Science - ML Algorithms								
			ML Algorithms: Multivariate Calculation & Algorithms	0.65						it_mlimdsndji_01_enus
			ML Algorithms: Machine Learning Implementation Using Calculus & Probability	0.52						it_mlimdsndji_02_enus
		Getting Started with Neural Networks								
			Getting Started with Neural Networks: Biological & Artificial Neural Networks	0.98						it_mlifdnndji_01_enus
			Getting Started with Neural Networks: Perceptrons & Neural Network Algorithms	0.75						it_mlifdnndji_02_enus
			Final Exam: DL Programmer	0.02						it_fmlea_02_enus
		Building Neural Networks								
			Building Neural Networks: Development Principles	1.35						it_mlibdnndji_01_enus
			Building Neural Networks: Artificial Neural Networks Using Frameworks	1.92						it_mlibdnndji_02_enus
		Training Neural Networks								
			Training Neural Networks: Implementing the Learning Process	1.67						it_mlitnnndji_01_enus
			Training Neural Networks: Advanced Learning Algorithms	1.68						it_mlitnnndji_02_enus
		Deploying ML/DL in the Enterprise								
			ML/DL in the Enterprise: Machine Learning Modeling, Development, & Deployment	1.08						it_mldmledji_01_enus
			ML/DL in the Enterprise: Machine Learning Infrastructure & Metamodel	0.9						it_mldmledji_02_enus
		Bayesian Methods for Machine Learning								
			Bayesian Methods: Bayesian Concepts & Core Components	1.02						it_mlibmmlidji_01_enus
			Bayesian Methods: Implementing Bayesian Model and Computation with PyMC	0.8						it_mlibmmlidji_02_enus
			Bayesian Methods: Advanced Bayesian Computation Model	0.87						it_mlibmmlidji_03_enus
		Linear Algebra and Probability								
			Linear Algebra and Probability: Fundamentals of Linear Algebra	1.68						it_mliapbdji_01_enus
			Linear Algebra & Probability: Advanced Linear Algebra	1.73						it_mliapbdji_02_enus
		ML/DL Best Practices								
			ML/DL Best Practices: Machine Learning Workflow Best Practices	0.88						it_mlimdbpddji_01_enus
			ML/DL Best Practices: Building Pipelines with Applied Rules	1.07						it_mlimdbpddji_02_enus
Web Design Solution Area										
	Adobe									
		Adobe ColdFusion 10								
			Adobe ColdFusion 10 Fundamentals	0.98						at_cfus_a01_it_enus
		Adobe Captivate 9 Fundamentals								
			Adobe Captivate 9: Getting Started	0.95						at_adcn_a01_dt_enus
			Adobe Captivate 9: Media and Recording	1.1						at_adcn_a02_dt_enus
			Adobe Captivate 9: Questions and Pools	1.03						at_adcn_a03_dt_enus
			Adobe Captivate 9: Publishing and Actions	1.1						at_adcn_a04_dt_enus
		Using Adobe Typekit (No Assessments)								
			Getting Started with Typekit	1.38						at_ustv_a01_it_enus
			Using Typekit Fonts on Web Sites	1.38						at_ustv_a02_it_enus
		Adobe Edge Animate CC								
			Adobe Edge Animate CC: Exploring the Interface	1.27						at_adea_a01_it_enus
			Adobe Edge Animate CC: Creating and Animating Artwork	1.05						at_adea_a02_it_enus
			Adobe Edge Animate CC: Importing Artwork, Text Animation and Typeface Properties	1.03						at_adea_a03_it_enus
			Adobe Edge Animate CC: Transitions, Symbols, and Synchronizing Motion	0.97						at_adea_a04_it_enus
			Adobe Edge Animate CC: Interactive Compositions	1.27						at_adea_a05_it_enus
			Adobe Edge Animate CC: Publishing Compositions	0.75						at_adea_a06_it_enus
			Adobe Edge Animate CC: Working with Video and Audio	1.08						at_adea_a07_it_enus
		Adobe Captivate 8 Fundamentals								
			Adobe Captivate 8: Getting Started	1.22						at_adca_a01_dt_enus
			Adobe Captivate 8: Media and Interactivity	1.33						at_adca_a02_dt_enus
		Adobe Dreamweaver CC								
			Adobe Dreamweaver CC 2015 Fundamentals	0.5						at_adcc_a01_dt_enus
			Basic Coding with Adobe Dreamweaver CC 2015	0.5						at_adcc_a02_dt_enus
			The Adobe Dreamweaver CC 2015 Interface	0.5						at_adcc_a03_dt_enus
			Adobe Dreamweaver CC 2015 Browsers and HTML	0.5						at_adcc_a04_dt_enus
			Adobe Dreamweaver CC 2015 Web Design	0.8						at_adcc_a05_dt_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Adobe Flash Professional CC							
			Adobe Flash Professional CC 2015 Fundamentals	0.5						at afpc a01 dt enus
			Drawing with Adobe Flash Professional CC 2015	0.8						at afpc a02 dt enus
			Adobe Flash Professional CC 2015 Tools	0.5						at afpc a03 dt enus
			Adobe Flash Professional CC 2015 Animations	0.63						at afpc a04 dt enus
			Adobe Flash Professional CC 2015 Programming	0.92						at afpc a05 dt enus
			Adobe Illustrator CC							
			Adobe Illustrator CC 2015 Introduction and New Features	0.63						at aicc a01 dt enus
			Adobe Illustrator CC 2015 Fundamentals	0.7						at aicc a02 dt enus
			Drawing in Adobe Illustrator CC 2015	0.5						at aicc a03 dt enus
			Working with Text in Adobe Illustrator CC 2015	0.5						at aicc a04 dt enus
			Adobe Illustrator CC 2015 Tools	0.5						at aicc a05 dt enus
			Adobe Illustrator CC 2015 Working with the Pen Tools and Objects	0.5						at aicc a06 dt enus
			Adobe Illustrator CC 2015 Gradients and Bitmap Images	0.5						at aicc a07 dt enus
			Adobe Illustrator CC 2015 Advanced Tools and Effects	0.83						at aicc a08 dt enus
			Adobe InDesign CC							
			Adobe InDesign CC 2015 Fundamentals	0.97						at aind a01 dt enus
			Adobe InDesign CC 2015 Basic Navigation and Tools	1						at aind a02 dt enus
			Working with Images and Exporting Files in Adobe InDesign CC 2015	0.45						at aind a03 dt enus
			Working with Objects and Editing Tools in Adobe InDesign CC 2015	0.62						at aind a04 dt enus
			Working with Text in Adobe InDesign CC 2015	0.55						at aind a05 dt enus
			Working with Pages in Adobe InDesign CC 2015	0.65						at aind a06 dt enus
			Adobe Premiere Elements 13							
			Adobe Premiere Elements 13 Essentials	0.67						at prth a01 dt enus
			Adobe Premiere Elements 13: Getting Started	0.45						ds apreel13 01 enus
			Adobe Premiere Elements 13: Importing Files & Setting Up a Project	0.4						ds apreel13 02 enus
			Adobe Premiere Elements 13: Trimming & Editing a Video	1.07						ds apreel13 03 enus
			Adobe Premiere Elements 13: Adding Video Effects	1.25						ds apreel13 04 enus
			Adobe Premiere Elements 13: Project Audio Settings	0.67						ds apreel13 05 enus
			Adobe Premiere Elements 13: Exporting & Sharing Videos	0.62						ds apreel13 06 enus
			Adobe Premiere Pro CC							
			Adobe Premiere Pro CC 2015 Fundamentals	0.85						at prpc a01 dt enus
			Adobe Premiere Pro CC 2015 Panels and Effects	0.78						at prpc a02 dt enus
			Adobe Premiere Pro CC 2015 Movies and Application Extensibility	0.48						at prpc a03 dt enus
			Scripting and Web Languages							
			JavaScript - JsRender							
			JsRender Fundamentals	1.93						sl jsrd a01 it enus
			Advanced JsRender Features	3.3						sl jsrd a02 it enus
			JavaScript Single Page Apps							
			JavaScript SPA: Getting Started with SPA in Visual Studio 2013	2						sl jssp a01 it enus
			JavaScript SPA: SPA Views and Routes	2.13						sl jssp a02 it enus
			JavaScript SPA: Durandal Modules and Lifecycle events	1.7						sl jssp a03 it enus
			JavaScript SPA: Adding Views and Handling View Navigation in Durandal	2.18						sl jssp a04 it enus
			JavaScript SPA: Connecting to and Managing Data	2.1						sl jssp a05 it enus
			JavaScript SPA: Working with Rich Application Data	2.62						sl jssp a06 it enus
			JavaScript SPA: Managing Application Data	1.82						sl jssp a07 it enus
			JavaScript SPA: Working With Validation	1.55						sl jssp a08 it enus
			Building Apps with jQuery Mobile							
			jQuery Mobile – App Basics, UI Controls and Navigation	2.18						sl jqry a01 it enus
			jQuery Mobile – Forms, Lists, Sets and Tables	2.55						sl jqry a02 it enus
			Optimizing jQuery Mobile Apps	1.8						sl jqry a03 it enus
			Integrating jQuery Mobile with PhoneGap	1.93						sl jqry a04 it enus
			Developing with Kendo UI							
			Kendo UI: Installation and Overview	1.97						sl kndo a01 it enus
			Kendo UI: HTML Helpers for ASP.NET MVC	2.73						sl kndo a02 it enus
			Kendo UI: Mobile API	0.92						sl kndo a03 it enus
			JavaScript - Ember.js							
			JavaScript - Ember.js Fundamentals	2.47						sl jsem a01 it enus
			JavaScript - Knockout							
			Knockout Fundamentals	1.87						sl isko a01 it enus
			Configuring Forms with Knockout	1.22						sl isko a02 it enus
			Working with Knockout	1.73						sl isko a03 it enus
			Advanced Knockout Techniques	1.68						sl isko a04 it enus
			CSS3, Sass and Less							
			Creating Styles with CSS3 and Styling Text	1.43						wd cssh a01 it enus
			Styling Page Elements using CSS3	1.83						wd cssh a02 it enus
			Navigation Elements and Animations with CSS3	1.32						wd cssh a03 it enus
			Forms, Positioning, and Layout with CSS3	1.9						wd cssh a04 it enus
			Advanced Options, Responsive Web Design, and Management with CSS3	1.72						wd cssh a05 it enus
			Extending CSS3 with Sass and Less	1.6						wd cssh a06 it enus
			jQuery							
			jQuery: Basic Setup and Features	2.17						sl qery a01 it enus
			jQuery: Using Essential Features and Functions	2.15						sl qery a02 it enus
			jQuery: Advanced Features and Functions	2.1						sl qery a03 it enus
			JavaScript Sencha							
			JavaScript Sencha: Ext JS	1.1						sl snch a01 it enus
			JavaScript Sencha: Sencha Touch	1.85						sl snch a02 it enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
		TypeScript Essentials								
			TypeScript Essentials: Getting Started	2						sl_tpsc_a01_it_enus
			TypeScript Essentials: Advanced TypeScript	1.88						sl_tpsc_a02_it_enus
		Underscore.js								
			Underscore.js: Collection Functions and Function Functions	2.68						sl_unjs_a01_it_enus
			Underscore.js: Array, Object, and Utility Functions	2.63						sl_unjs_a02_it_enus
		Javascript: Backbone.js								
			Getting Started with Backbone.js	1.37						sl_bkbn_a01_it_enus
			Complex Application Development with Backbone.js	1.45						sl_bkbn_a02_it_enus
		Application Development with Node.js and the .NET Framework								
			Working with Node.js and .NET	2.47						sl_adnj_a01_it_enus
			Edge.js, Node.js, and ASP.NET MVC	2.1						sl_adnj_a02_it_enus
			Azure, Node.js, and SQL Server	2.1						sl_adnj_a03_it_enus
		Advanced AngularJS								
			Working with Data in AngularJS	1.77						sl_anjt_a01_it_enus
			AngularJS Security Considerations	1.13						sl_anjt_a02_it_enus
			AngularJS and TypeScript	2.53						sl_anjt_a03_it_enus
			AngularUI Companion Frameworks	2.38						sl_anjt_a04_it_enus
			AngularUI Utilities and Modules	2.18						sl_anjt_a05_it_enus
		Automating Tasks with Grunt								
			Installing and Using Grunt	2.1						wd_atwg_a01_it_enus
			Graphics, Web Hosting and Grunt Performance	2.12						wd_atwg_a02_it_enus
		AngularJS 2.0								
			Creating a Basic Angular Application	1.27						wd_angt_a01_it_enus
			Angular 2 Template Syntax, Directives, and Pipes	1.27						wd_angt_a02_it_enus
			Creating and Maintaining Forms	1.3						wd_angt_a03_it_enus
			Client-side Routing and Using HTTP	2.18						wd_angt_a04_it_enus
			Using Animation and Supporting Mobile Devices	1.35						wd_angt_a05_it_enus
			Testing Angular Apps	1.52						wd_angt_a06_it_enus
			Angular Security and the Angular CLI	1.1						wd_angt_a07_it_enus
		AngularJS and ASP.NET 5 MVC 6								
			AngularJS and ASP.NET 5 MVC 6: Creating an SPA	1.55						wd_amwa_a01_it_enus
			AngularJS and ASP.NET 5 MVC 6: Data Persistence, Validation, and Security	1.92						wd_amwa_a02_it_enus
		AngularJS Fundamentals								
			Beginning AngularJS	2.12						wd_ango_a01_it_enus
			Introduction to Directives	1.77						wd_ango_a02_it_enus
			Controllers and Directives	1.72						wd_ango_a03_it_enus
			Services and Routing	2.63						wd_ango_a04_it_enus
			Testing AngularJS	1.32						wd_ango_a05_it_enus
			Animation and Internationalization	1.95						wd_ango_a06_it_enus
		Building Apps with MEAN Stack								
			Developing and Deploying Web Applications with MEAN.js	2.18						wd_mean_a01_it_enus
			Securing, Testing, and Deploying MEAN Applications	2						wd_mean_a02_it_enus
		Express 4.x Fundamentals								
			Introduction to Express	1.8						wd_exis_a01_it_enus
			Using Express and Express Middleware	1.6						wd_exis_a02_it_enus
		Automating Web Development Tasks with Gulp.js								
			Introducing Gulp.js to Web Development	1.77						wd_gulp_a01_it_enus
			Web Building and Testing with Gulp.js	1.87						wd_gulp_a02_it_enus
		Using the LoopBack Node.js Framework								
			Getting Started with LoopBack	2.2						wd_ulbn_a01_it_enus
			Advanced LoopBack	2.17						wd_ulbn_a02_it_enus
		Advanced jQuery								
			Helper Functions and Advanced Ajax	1.85						wd_adjq_a01_it_enus
			Using and Creating Widgets	1.9						wd_adjq_a02_it_enus
			Advanced Selecting, Theming, and Plugins	2.2						wd_adjq_a03_it_enus
		jQuery Essentials								
			Introduction to jQuery	0.9						wd_jqes_a01_it_enus
			Events, Manipulating Elements, and AJAX	1.9						wd_jqes_a02_it_enus
			Common Widgets and Animation	1.12						wd_jqes_a03_it_enus
		JavaScript Frameworks and Libraries								
			Introduction to Popular Frameworks	0.63						wd_jsfm_a01_it_enus
			Introduction to ReactJS and Grunt	0.6						wd_jsfm_a02_it_enus
			Web Application Libraries	1.45						wd_jsfm_a03_it_enus
			jQuery and TypeScript	0.88						wd_jsfm_a04_it_enus
		Angular 4								
			Angular 4: Creating an Application	0.8						sd_agad_a01_it_enus
			Angular 4: Components and Bindings	1.02						sd_agad_a02_it_enus
			Angular 4: Directives	0.73						sd_agad_a03_it_enus
			Angular 4: Pipes	0.5						sd_agad_a04_it_enus
			Angular 4: Form Management	1.03						sd_agad_a05_it_enus
			Angular 4: Model-driven Forms	0.62						sd_agad_a06_it_enus
			Angular 4: Routing	1.05						sd_agad_a07_it_enus
			Angular 4: Services, Promises, and Route Protection	0.68						sd_agad_a08_it_enus
			Angular 4: Animation	0.8						sd_agad_a09_it_enus
			Angular 4: NativeScript	0.8						sd_agad_a10_it_enus
		Angular 5 Updates and Components								

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			Angular 5 Features and Changes	1.43						sd_angf_a01_it_enus
			Bootstrap and Dashboards with Angular 5	1.57						sd_angf_a02_it_enus
			Angular 5 Material and Universal Components	1.2						sd_angf_a03_it_enus
			Angular Reactive Programming							
			Angular, Reactive, and Observable	0.88						sd_agro_a01_it_enus
			Angular and ngrx	0.88						sd_agrp_a02_it_enus
			Application Development with Node.js							
			Application Development with Node.js: Language Fundamentals	1						it_sdnjad_01_enus
			Application Development with Node.js: Working with Features	1						it_sdnjad_02_enus
			Application Development with Node.js: Managing Advanced Application Elements	0.78						it_sdnjad_03_enus
			Application Development with Node.js: Node Clusters & Memory Optimizations	0.85						it_sdnjad_07_enus
			Application Development with Node.js: Microservices	0.8						it_sdnjad_08_enus
			Application Development with Node.js: Real-time Applications	0.98						it_sdnjad_04_enus
			Application Development with Node.js: Microservices Frameworks, & Utilities	0.77						it_sdnjad_09_enus
			Application Development with Node.js: Process Managers	0.82						it_sdnjad_10_enus
			Application Development with Node.js: Security & Middleware Implementation	1.07						it_sdnjad_05_enus
			Application Development with Node.js: Build Apps using Modules & MEAN Stack	1.08						it_sdnjad_06_enus
			Angular 6 Development							
			Angular 6 Development: Testing & TDD	0.85						it_sdangs_05_enus
			Angular 6 Development: Introduction	0.98						it_sdangs_01_enus
			Angular 6 Development: Libraries	0.52						it_sdangs_02_enus
			Angular 6 Development: Reactive Programming	1.1						it_sdangs_03_enus
			Angular 6 Development: Angular Material and Angular Elements	0.6						it_sdangs_04_enus
			Angular 6 Development: Dependency Injection and ng-bootstrap	1.13						it_sdangs_06_enus
			JavaScript Front End Development							
			JavaScript Fundamentals	1						it_sdfisd_01_enus
			JavaScript Data, Decision Making, and Arrays	1.22						it_sdfisd_02_enus
			JavaScript Front End Development: Functions and Objects	1.23						it_sdfisd_03_enus
			JavaScript Front-end Development: Errors, Events, Objects, & New Features	1.47						it_sdfisd_04_enus
			JavaScript Front End Development: Front End Development Basics	1.13						it_sdfisd_05_enus
			JavaScript Front End Development: Frameworks	1.43						it_sdfisd_06_enus
			Responsive Apps with Bootstrap							
			Bootstrap Environment, Requirements, and Setup	1.05						it_wdrabs_01_enus
			Bootstrap Forms and Layout	0.98						it_wdrabs_02_enus
			Whole Page Controls and Extending Bootstrap	1.22						it_wdrabs_03_enus
			JavaScript Deep Dive							
			JavaScript: Introduction	1						it_apcqijsd_01_enus
			JavaScript: Getting Started with JavaScript Programming	1.25						it_apcqijsd_02_enus
			JavaScript: Types, Operators, & Control Structures in JavaScript	1.22						it_apcqijsd_03_enus
			JavaScript: Functions & Arrays in JavaScript	1.75						it_apcqijsd_04_enus
			JavaScript: Objects	1.53						it_apcqijsd_05_enus
			JavaScript: Working with the DOM & Events	1.37						it_apcqijsd_08_enus
			JavaScript: Form Validation & Async Programming in JavaScript	1.03						it_apcqijsd_09_enus
			JavaScript: Advanced Function Operations	0.72						it_apcqijsd_06_enus
			JavaScript: Closures & Prototypes	1.48						it_apcqijsd_07_enus
			Design Patterns in JavaScript							
			Design Patterns in JavaScript: Getting Started	1.28						it_apdpijsd_01_enus
			Design Patterns in JavaScript: Constructor, Factory, & Abstract Factory Creational Patterns	1.55						it_apdpijsd_02_enus
			Design Patterns in JavaScript: Singleton, Prototype, & Builder Creational Patterns	1.33						it_apdpijsd_03_enus
			Design Patterns in JavaScript: Module, Revealing Module, Façade, Decorator, & Mixin Structural Patterns	2.4						it_apdpijsd_04_enus
			Design Patterns in JavaScript: Flyweight, Adapter, Composite, & Proxy Structural Patterns	2.05						it_apdpijsd_05_enus
			Design Patterns in JavaScript: Observer & Iterator Behavioral Patterns	1.32						it_apdpijsd_06_enus
			Design Patterns in JavaScript: Mediator, State, & Command Behavioral Patterns	1.23						it_apdpijsd_07_enus
			Web Development							
			HTML5							
			Introduction to HTML5	2.37						wd_htme_a01_it_enus
			HTML5 Layout	2.57						wd_htme_a02_it_enus
			HTML5 Forms	2.67						wd_htme_a03_it_enus
			HTML5 APIs and Media	2.8						wd_htme_a04_it_enus
			HTML5 and CSS3	2.37						wd_htme_a05_it_enus
			HTML5 Layout with CSS3	2.18						wd_htme_a06_it_enus
			HTML5 and Advanced CSS3	2.6						wd_htme_a07_it_enus
			HTML5 and JavaScript	2.27						wd_htme_a08_it_enus
			HTML5 Graphics and Canvas	2.07						wd_htme_a09_it_enus
			Advanced HTML5	1.92						wd_htme_a10_it_enus
			Advanced Features of JavaScript, CSS3 and HTML5	2.17						wd_htme_a11_it_enus
			JSON Fundamentals							
			JSON Essentials	2.73						wd_isof_a01_it_enus
			XML Essentials							
			XML Language Basics	1.5						wd_xmle_a01_it_enus
			Manipulating XML with the XML DOM and Ajax	1.5						wd_xmle_a02_it_enus
			XML Transformation Using XSLT and XSL-FO	2						wd_xmle_a03_it_enus
			Querying XML Data with XPath and XQuery	1.5						wd_xmle_a04_it_enus
			Web Services and XML	1.5						wd_xmle_a05_it_enus
			Web Services							

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			Apache Web Services							
			Fundamentals of Apache Web Services	3.18						sd_apch_a01_it_enus
			Apache Web Services Advanced	2.65						sd_apch_a02_it_enus
			REST API							
			REST API: Exploring the Basic Features	1.77						wd_rest_a01_it_enus
			REST API: Exploring the Advanced Features	1.77						wd_rest_a02_it_enus
			Apache Web Services with Tomcat							
			LAMP Overview and Deployment	0.82						sd_aweb_a01_it_enus
			The Apache Web Server Engine	0.85						sd_aweb_a02_it_enus
			MySQL as a Datastore	0.9						sd_aweb_a03_it_enus
			Configuring Tomcat and PHP	1.3						sd_aweb_a04_it_enus
	Web Design									
			Responsive Web Design							
			Responsive Web Design: Flexible Grids, Images, and Media Queries	2.43						wd_rwds_a01_it_enus
			Responsive Web Design: Flexible Data and UIs, Devices, Process and Performance	2.2						wd_rwds_a02_it_enus
			Web Design Essentials							
			Web Design Basics	2.18						wd_wdes_a01_it_enus
			Web Design Enhancements	2.45						wd_wdes_a02_it_enus
			Using Balsamiq							
			Working with Balsamiq Versions and Plugins	2.6						wd_usba_a02_it_enus
			Introduction to Balsamiq Mockups	2.13						wd_usba_a01_it_enus
			Using Justinmind							
			Introduction to Justinmind	2.65						wd_usju_a01_it_enus
			The Justinmind Desktop Application Interface	1.38						wd_usju_a02_it_enus
			Creating and Simulating a Working Prototype	2						wd_usju_a03_it_enus
			Web Accessibility Fundamentals							
			Introduction to Web Accessibility	0.7						it_wdwaifd_01_enus
			OSs, Regulations, & Laws	0.8						it_wdwaifd_02_enus
			WCAG 2.0 Accessibility Standards	0.77						it_wdwaifd_03_enus
			Authoring Tool Accessibility Guidelines (ATAG)	0.78						it_wdwaifd_04_enus
			HTML5 and Accessibility	0.65						it_wdwaifd_05_enus
			Accessibility and Design	0.72						it_wdwaifd_06_enus
	Web Application Frameworks									
			Creating Web Applications with Sinatra							
			Sinatra Fundamentals	2.62						wd_cwas_a01_it_enus
			Working with Sinatra	2.55						wd_cwas_a02_it_enus
			Building Dynamic Web Sites with LAMP Stack							
			Creating a LAMP Stack	2						wd_lamp_a01_it_enus
			Building Dynamic Web Sites with MySQL and PHP	2.75						wd_lamp_a02_it_enus
			PHP Applications with the Zend Framework							
			Features of the Zend Framework	1.83						wd_phpz_a01_it_enus
			Databases and Advanced Features with the Zend 2 Framework	2.22						wd_phpz_a02_it_enus
	Content Management Systems									
			Drupal 8							
			Drupal 8 First Look	2.85						wd_drup_a01_it_enus
			WordPress							
			WordPress Introduction and Basic Configuration	2.65						wd_wrdp_a01_it_enus
			WordPress Networking and Security	1.75						wd_wrdp_a02_it_enus
			WordPress Advanced Themes and Administration	1.77						wd_wrdp_a03_it_enus
ENTERPRISE RESOURCE PLANNING SYSTEMS										
	Microsoft Dynamics									
			Microsoft Dynamics CRM 2013: Applications							
			Application Skills in Microsoft Dynamics CRM 2013	2.68						er_dcrm_a01_it_enus
			Sales Automation in Microsoft Dynamics CRM 2013	2.45						er_dcrm_a02_it_enus
			Marketing Automation in Microsoft Dynamics CRM 2013	2.25						er_dcrm_a03_it_enus
			Customer Service Automation in Microsoft Dynamics CRM 2013	2.93						er_dcrm_a04_it_enus
			Microsoft Dynamics CRM 2013: Customization and Configuration							
			Microsoft Dynamics CRM 2013 - Customization and Configuration: Introduction	2.4						er_dcrf_a01_it_enus
			Microsoft Dynamics CRM 2013 - Customization and Configuration: Entities	2.12						er_dcrf_a02_it_enus
			Microsoft Dynamics CRM 2013 - Customization and Configuration: Relationships	1.53						er_dcrf_a03_it_enus
			Business Intelligence with Microsoft Dynamics CRM 2013							
			Microsoft Dynamics CRM 2013: Forms, Marketing, Contacts, and Processes	0.95						er_dcrb_a01_it_enus
	TOGAF									
			TOGAF 9.1							
			TOGAF® Fundamentals - Enterprise Architecture Basics	1.97						er_tgaf_a01_it_enus
			TOGAF® Fundamentals - Content Framework and Capability Basics	2.02						er_tgaf_a02_it_enus
			TOGAF Fundamentals - Security and SOA Governance	1.65						er_tgaf_a03_it_enus
			TOGAF Fundamentals - Architectural Artifacts and the Enterprise Continuum	1.5						er_tgaf_a04_it_enus
	Salesforce									
			Creating Employee Apps with Force.com							
			Creating Apps	2.37						er_ceaf_a01_it_enus
			Reporting and User Management	1.37						er_ceaf_a02_it_enus
			Developing Applications in Force.com							
			Basic Programming in Force.com	2.5						er_bfuv_a01_it_enus
			Intermediate Programming in Force.com	2.17						er_bfuv_a02_it_enus

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Disaster Recovery	Planning									
	Business Continuity									
		Business Continuity Planning								
			Forging Ahead with Perseverance and Resilience	0.5		0.5				pe 03 a01 bs enus
			Responding Effectively to Risks	0.45	0.5	0.5				ast 01 a05 bs enus
			Assessing Your Organization's Risks	0.48	0.5	0.5				ast 01 a04 bs enus
			Establishing Effective Virtual Teams	0.5	0.5	0.5				ald 06 a01 bs enus
			Facing Virtual Team Challenges	0.45	0.5	0.25				ald 06 a02 bs enus
			Skype for Business 2016: Getting Started	0.63						ds msskb16 01 enus
			LogMeIn GoToMeeting: Organizing & Hosting Meetings	0.7						ds gotome16 02 enus
			Google Hangouts Meet: Using Hangouts Meet on the Web	0.77						ds gooham1 01 enus
			Join.me for Windows: Organizing, Hosting & Joining Meetings	0.65						ds joinme17 02 enus
			Managing in a Crisis	0.35	0.5	0.25				bs ald09 a01 enus
			Cisco Webex Meetings: Organizing & Hosting Meetings	1.08						ds ciwbmq18 02 enus
			Cisco Webex Teams: Using the Collaboration Tools	0.55						ds ciwbtm18 03 enus
			Becoming a Successful Collaborator	0.48	0.5	0.5				bs apd31 a01 enus
			Microsoft Teams: Communicating via the App	0.4						ds msteam20 03 enus
			Business Continuity Programs	0.08						bs cont20 01 enus
		Working Remotely								
			Take a Deep Breath and Manage Your Stress	0.37		0.5		0.4		pd 30 a03 bs enus
			Organizations Change So Get Ready	0.5	0.5	0.5		0.5		pd 31 a01 bs enus
			Organize Your Physical and Digital Workspace	0.45		0.5		0.4		pd 32 a01 bs enus
			The Art of Staying Focused	0.5	0.5	0.5				apd 08 a03 bs enus
			Navigating Challenging Situations with Diplomacy and Tact	0.5	0.5					acm 16 a02 bs enus
			Facing Virtual Team Challenges	0.45	0.5	0.25				ald 06 a02 bs enus
			Exploring Virtual Collaboration	0.43	0.5	0.5				bs ddt08 a01 enus
			Contributing as a Virtual Team Member	0.3	0.5					bs atm04 a01 enus
		Workplace Safety and Compliance								
			Safety Short: Coronaviruses and COVID-19	0.43						ehs hsf e77 sh enus
		Post-pandemic Workplace								
			Compliance Brief: Resuming Retail or Restaurant Operations Post-pandemic	0.32						ehs hsf e78 sh enus
			Leading in the Post-pandemic Workplace	0.48						bs ppd01 a01 enus
			Navigating the Post-pandemic Workplace	0.13						bs ppd01 a02 enus
Desktop										
DESKTOP COMPUTER SKILLS										
	Adobe									
		Adobe CC Overview New Features								
			Adobe CC Overview of New Features	1						at nfcc a01 dt enus
		Adobe ColdFusion 10								
			Adobe ColdFusion 10 Fundamentals	0.98						at cfus a01 it enus
		Adobe Captivate 8 Fundamentals								
			Adobe Captivate 8: Getting Started	1.22						at adca a01 dt enus
			Adobe Captivate 8: Media and Interactivity	1.33						at adca a02 dt enus
		Adobe Dreamweaver CC								
			Adobe Dreamweaver CC 2015 Fundamentals	0.5						at adcc a01 dt enus
			Basic Coding with Adobe Dreamweaver CC 2015	0.5						at adcc a02 dt enus
			The Adobe Dreamweaver CC 2015 Interface	0.5						at adcc a03 dt enus
			Adobe Dreamweaver CC 2015 Browsers and HTML	0.5						at adcc a04 dt enus
			Adobe Dreamweaver CC 2015 Web Design	0.8						at adcc a05 dt enus
		Adobe Flash Professional CC								
			Adobe Flash Professional CC 2015 Fundamentals	0.5						at afpc a01 dt enus
			Drawing with Adobe Flash Professional CC 2015	0.8						at afpc a02 dt enus
			Adobe Flash Professional CC 2015 Tools	0.5						at afpc a03 dt enus
			Adobe Flash Professional CC 2015 Animations	0.63						at afpc a04 dt enus
			Adobe Flash Professional CC 2015 Programming	0.92						at afpc a05 dt enus
		Adobe Illustrator CC								
			Adobe Illustrator CC 2015 Introduction and New Features	0.63						at aicc a01 dt enus
			Adobe Illustrator CC 2015 Fundamentals	0.7						at aicc a02 dt enus
			Drawing in Adobe Illustrator CC 2015	0.5						at aicc a03 dt enus
			Working with Text in Adobe Illustrator CC 2015	0.5						at aicc a04 dt enus
			Adobe Illustrator CC 2015 Tools	0.5						at aicc a05 dt enus
			Adobe Illustrator CC 2015 Working with the Pen Tools and Objects	0.5						at aicc a06 dt enus
			Adobe Illustrator CC 2015 Gradients and Bitmap Images	0.5						at aicc a07 dt enus
			Adobe Illustrator CC 2015 Advanced Tools and Effects	0.83						at aicc a08 dt enus
		Adobe InDesign CC								
			Adobe InDesign CC 2015 Fundamentals	0.97						at aind a01 dt enus
			Adobe InDesign CC 2015 Basic Navigation and Tools	1						at aind a02 dt enus
			Working with Images and Exporting Files in Adobe InDesign CC 2015	0.45						at aind a03 dt enus
			Working with Objects and Editing Tools in Adobe InDesign CC 2015	0.62						at aind a04 dt enus
			Working with Text in Adobe InDesign CC 2015	0.55						at aind a05 dt enus
			Working with Pages in Adobe InDesign CC 2015	0.65						at aind a06 dt enus
		Adobe Photoshop CC								
			Adobe Photoshop CC 2015 Basics	0.95						at aphc a01 dt enus
			Adobe Photoshop CC 2015: File Types and Color Editing	0.85						at aphc a02 dt enus
			Adobe Photoshop CC 2015: Selection Tools and Techniques	0.5						at aphc a03 dt enus
			Adobe Photoshop CC 2015: Layers and Type	1						at aphc a04 dt enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Adobe Photoshop CC 2015 Enhancement Tools and Techniques	1						at aphc a05 dt enus
			Adobe Photoshop CC 2015 Cloning and Editing	0.88						at aphc a06 dt enus
			Adobe Photoshop CC 2015 Paths and Techniques	0.5						at aphc a07 dt enus
			Adobe Premiere Elements 13 (No Assessments)							
			Adobe Premiere Elements 13 Essentials	0.67						at prth a01 dt enus
			Adobe Premiere Elements 13: Getting Started	0.45						ds apree13 01 enus
			Adobe Premiere Elements 13: Importing Files & Setting Up a Project	0.4						ds apree13 02 enus
			Adobe Premiere Elements 13: Trimming & Editing a Video	1.07						ds apree13 03 enus
			Adobe Premiere Elements 13: Adding Video Effects	1.25						ds apree13 04 enus
			Adobe Premiere Elements 13: Project Audio Settings	0.67						ds apree13 05 enus
			Adobe Premiere Elements 13: Exporting & Sharing Videos	0.62						ds apree13 06 enus
			Adobe Premiere Pro CC							
			Adobe Premiere Pro CC 2015 Fundamentals	0.85						at prpc a01 dt enus
			Adobe Premiere Pro CC 2015 Panels and Effects	0.78						at prpc a02 dt enus
			Adobe Premiere Pro CC 2015 Movies and Application Extensibility	0.48						at prpc a03 dt enus
			Adobe Captivate 9 Fundamentals							
			Adobe Captivate 9: Getting Started	0.95						at adcn a01 dt enus
			Adobe Captivate 9: Media and Recording	1.1						at adcn a02 dt enus
			Adobe Captivate 9: Questions and Pools	1.03						at adcn a03 dt enus
			Adobe Captivate 9: Publishing and Actions	1.1						at adcn a04 dt enus
			Adobe Edge Animate CC							
			Adobe Edge Animate CC: Exploring the Interface	1.27						at adea a01 it enus
			Adobe Edge Animate CC: Creating and Animating Artwork	1.05						at adea a02 it enus
			Adobe Edge Animate CC: Importing Artwork, Text Animation and Typeface Properties	1.03						at adea a03 it enus
			Adobe Edge Animate CC: Transitions, Symbols, and Synchronizing Motion	0.97						at adea a04 it enus
			Adobe Edge Animate CC: Interactive Compositions	1.27						at adea a05 it enus
			Adobe Edge Animate CC: Publishing Compositions	0.75						at adea a06 it enus
			Adobe Edge Animate CC: Working with Video and Audio	1.08						at adea a07 it enus
			Adobe Connect Meetings (No Assessments)							
			Adobe Connect Meetings: Sign-in & Setup	0.4						ds acme16 01 enus
			Adobe Connect Meetings: Organizing & Hosting Meetings	0.75						ds acme16 02 enus
			Adobe Connect Meetings: Meeting Tools	0.87						ds acme16 03 enus
			Adobe Photoshop Elements 13 (No Assessments)							
			Adobe Photoshop Elements 13: View Tools	0.45						ds aphoe13 01 enus
			Adobe Photoshop Elements 13: Importing Photos & Preparing the Workspace	0.62						ds aphoe13 02 enus
			Adobe Photoshop Elements 13: Organizing, Finding & Sorting Photos	0.85						ds aphoe13 03 enus
			Adobe Photoshop Elements 13: Saving & Exporting Photos	0.65						ds aphoe13 04 enus
			Adobe Photoshop Elements 13: Creating Slideshows & Collages	0.77						ds aphoe13 05 enus
			Adobe Photoshop Elements 13: Photo Editing	0.72						ds aphoe13 06 enus
			Adobe Photoshop Elements 13: Advanced Photo Editing	1.65						ds aphoe13 07 enus
			Adobe Photoshop Elements 13: Adding Shapes & Text to Photos	0.67						ds aphoe13 08 enus
			Adobe Pro DC							
			Acrobat Pro DC: Creating & Illustrating Documents	0.8						ds aapdc 02 enus
			Acrobat Pro DC: Getting Started	0.7						ds aapdc 01 enus
			Acrobat Pro DC: Structuring Documents	0.68						ds aapdc 03 enus
			Acrobat Pro DC: Formatting Files	0.52						ds aapdc 04 enus
			Acrobat Pro DC: Using the Collaboration Tools	0.88						ds aapdc 05 enus
			Apple Mac OS X							
			Mac OS Sierra for End Users (No Assessments)							
			Mac OS Sierra: Navigating the Environment	0.6						ds macoss 01 enus
			Mac OS Sierra: Using Finder Windows	0.87						ds macoss 02 enus
			Mac OS Sierra: Installing & Using Apps	1.2						ds macoss 03 enus
			Mac OS Sierra: Setting & Managing Reminders	0.27						ds macoss 04 enus
			Mac OS Sierra: Accessing & Managing Files	1.08						ds macoss 05 enus
			Mac OS Sierra: Using Siri & Search	0.22						ds macoss 06 enus
			Mac OS Sierra: Managing User Accounts	0.57						ds macoss 07 enus
			Mac OS Sierra: Protecting User Data	0.42						ds macoss 08 enus
			Mac OS Sierra: Customizing Appearance	0.68						ds macoss 09 enus
			Mac OS Sierra: Monitoring, Configuring, & Optimizing	0.57						ds macoss 10 enus
			Mac OS Sierra: Configuring Network & Share Settings	0.67						ds macoss 11 enus
			Apple Safari X							
			Safari 10 for End Users (No Assessments)							
			Safari 10: Browsing the Web	0.9						ds saf10 01 enus
			Safari 10: Saving, Bookmarking & Sharing Websites	0.72						ds saf10 02 enus
			Safari 10: Browsing Securely & Safely	0.33						ds saf10 03 enus
			Safari 10: Customizing the Browser	0.47						ds saf10 04 enus
			Best Practices for Desktop Users							
			IT Security for End Users							
			IT Security for End Users: IT Security Fundamentals	0.85						ds sfeu a01 dt enus
			IT Security for End Users: Using Corporate Devices Securely	0.83						ds sfeu a02 dt enus
			IT Security for End Users: Secure Corporate Communications and Networking	0.77						ds sfeu a03 dt enus
			Microsoft Office 2019							
			Microsoft Office 2019: Intermediate Excel							
			Excel 2019 for Windows: Illustrating Documents	0.52						ds msex2019 05 enus
			Excel 2019 for Windows: Using Basic Formulas	0.87						ds msex2019 06 enus
			Excel 2019 for Windows: Getting Started	0.37						ds msex2019 01 enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Excel 2019 for Windows: Creating & Saving Workbooks	1.1						ds_mssex2019_02_enus
			Excel 2019 for Windows: Inserting & Manipulating Data	1.05						ds_mssex2019_03_enus
			Excel 2019 for Windows: Formatting Data	0.8						ds_mssex2019_04_enus
			Excel 2019 for Windows: Sharing & Collaborating on a Document	0.43						ds_mssex2019_07_enus
			Excel 2019: Custom & Conditional Formatting	0.78						ds_mssex2019_08_enus
			Excel 2019: Finding & Grouping Data	0.58						ds_mssex2019_09_enus
			Excel 2019: Sorting & Filtering Data	0.63						ds_mssex2019_10_enus
			Excel 2019: Referencing Data	0.73						ds_mssex2019_11_enus
			Excel 2019: Working with Excel Tables	0.32						ds_mssex2019_15_enus
			Excel 2019: Forecasting & Solving Problems	0.55						ds_mssex2019_12_enus
			Excel 2019: Creating Charts & Graphics	0.58						ds_mssex2019_13_enus
			Excel 2019: Working with Different Chart Styles	0.4						ds_mssex2019_14_enus
			Excel 2019: Inserting PivotTables	0.53						ds_mssex2019_16_enus
			Excel 2019: Working with Data in PivotTables	0.48						ds_mssex2019_17_enus
			Excel 2019: Using Conditional Formulas	0.65						ds_mssex2019_18_enus
			Excel 2019: Configuring Options & Settings	0.53						ds_mssex2019_20_enus
			Excel 2019: Finding & Analyzing Information with Formulas	0.58						ds_mssex2019_19_enus
			Excel 2019: Managing Data	0.72						ds_mssex2019_21_enus
			Excel 2019: Getting to Know Macros in Excel	0.57						ds_mssex2019_22_enus
			Excel 2019: Creating & Editing Macros	0.72						ds_mssex2019_23_enus
			Excel 2019: Working with Macros in Excel	0.62						ds_mssex2019_24_enus
			Outlook 2019 for Windows							
			Outlook 2019 (Windows): Setting Up	0.48						ds_msou2019_01_enus
			Outlook 2019 (Windows): Sending & Receiving Email	1.07						ds_msou2019_02_enus
			Outlook 2019 (Windows): Illustrating Email	1.23						ds_msou2019_03_enus
			Outlook 2019 (Windows): Contact Tools	0.87						ds_msou2019_04_enus
			Outlook 2019 (Windows): Calendar Tools	1.07						ds_msou2019_05_enus
			Outlook 2019 (Windows): Formatting Email Text	0.87						ds_msou2019_06_enus
			Outlook 2019 (Windows): Designing & Shaping Email	0.65						ds_msou2019_07_enus
			Outlook 2019 (Windows): Proofing Email	0.58						ds_msou2019_08_enus
			Outlook 2019 (Windows): Tagging, Sorting & Filtering Email	0.72						ds_msou2019_09_enus
			Outlook 2019 (Windows): Organizing Emails	0.75						ds_msou2019_10_enus
			Outlook 2019 (Windows): Optimizing Workflows	0.75						ds_msou2019_11_enus
			Outlook 2019: Configuring the Client	0.63						ds_msou2019_12_enus
			PowerPoint 2019							
			PowerPoint 2019 (Windows): Getting Started	0.42						ds_mspp2019_01_enus
			PowerPoint 2019 (Windows): Creating Presentations	0.9						ds_mspp2019_02_enus
			PowerPoint 2019 (Windows): Saving Presentations	1.12						ds_mspp2019_03_enus
			PowerPoint 2019 (Windows): Inserting & Manipulating Text	0.67						ds_mspp2019_04_enus
			PowerPoint 2019 (Windows): Formatting Presentations	0.62						ds_mspp2019_05_enus
			PowerPoint 2019 (Windows): Enhancing Presentation Designs	0.7						ds_mspp2019_06_enus
			PowerPoint 2019: Using Multimedia in Presentations	0.83						ds_mspp2019_07_enus
			PowerPoint 2019: Organizing Presentations Assets	0.43						ds_mspp2019_10_enus
			PowerPoint 2019: Adding Data to Presentations	0.53						ds_mspp2019_08_enus
			PowerPoint 2019: Creating Graphics & Diagrams	0.67						ds_mspp2019_09_enus
			PowerPoint 2019: Sharing & Collaborating on a Presentation	0.43						ds_mspp2019_11_enus
			PowerPoint 2019: Adding animations	0.58						ds_mspp2019_12_enus
			PowerPoint 2019: Preparing & Delivering Slideshows	0.75						ds_mspp2019_13_enus
			PowerPoint 2019: Configuring PowerPoint	0.37						ds_mspp2019_14_enus
			Word 2019							
			Word 2019 (Windows): Opening & Setting Up	0.5						ds_msw2019_01_enus
			Word 2019 (Windows): Creating, Opening & Saving Documents	0.97						ds_msw2019_02_enus
			Word 2019 (Windows): Editing documents	1.1						ds_msw2019_03_enus
			Word 2019 (Windows): Formatting Documents	1.35						ds_msw2019_04_enus
			Word 2019 (Windows): Using Find & Replace Tools	0.43						ds_msw2019_05_enus
			Word 2019: Sharing & Collaborating on a Document	0.63						ds_msw2019_06_enus
			Word 2019: Structuring Documents	0.52						ds_msw2019_07_enus
			Word 2019: Shaping Documents	0.7						ds_msw2019_08_enus
			Word 2019: Illustrating Documents	0.65						ds_msw2019_09_enus
			Word 2019: Creating Graphics & Diagrams	0.53						ds_msw2019_10_enus
			Word 2019: Adding Data & Calculations	0.47						ds_msw2019_11_enus
			Word 2019: Using Table Tools	0.5						ds_msw2019_12_enus
			Word 2019: Using Research Tools	0.42						ds_msw2019_13_enus
			Word 2019: Creating Forms	0.32						ds_msw2019_14_enus
			Word 2019: Creating Bulk Mailings	0.52						ds_msw2019_15_enus
			Word 2019: Configuring the Application	0.57						ds_msw2019_16_enus
			Visio							
			Visio Professional 2019: Exploring the interface	0.55						ds_msvispro_01_enus
			Visio Professional 2019: Saving & formatting documents	0.7						ds_msvispro_02_enus
			Visio Professional 2019: Inserting & Formatting Text	0.4						ds_msvispro_03_enus
			Visio Professional 2019: Using & Formating Shapes	0.67						ds_msvispro_04_enus
			Visio Professional 2019: illustrating & Enhancing Documents	0.65						ds_msvispro_05_enus
			Visio Professional 2019: Analyzing your data	0.53						ds_msvispro_06_enus
			Visio Professional 2019: Creating Flowcharts, Maps & Plans	0.82						ds_msvispro_07_enus
			Visio Professional 2019: Sharing & Collaborating on a Document	0.27						ds_msvispro_08_enus
			Project 2019							
			Project 2019: Opening & Navigating the Application	0.35						ds_msprod_01_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Project 2019: Setting Up Projects	0.35						ds_msprod_02_enus
			Project 2019: Saving & Exporting Projects	0.45						ds_msprod_03_enus
			Project 2019: Managing Tasks	0.38						ds_msprod_05_enus
			Project 2019: Using & Formatting Gantt Charts	0.32						ds_msprod_06_enus
			Project 2019: Tracking Projects	0.5						ds_msprod_07_enus
			Project 2019: Managing Project Resources & Reports	0.55						ds_msprod_08_enus
			Project 2019: Illustrating Projects	0.42						ds_msprod_09_enus
			Project 2019: Visualizing Data in Charts & Tables	0.42						ds_msprod_10_enus
			Project 2019: Using the application with Office 365	0.22						ds_msprod_11_enus
			Project 2019: Configuring Project	0.25						ds_msprod_12_enus
			Project 2019: Creating & Organizing Tasks.	0.52						ds_msprod_04_enus
		Access 2019								
			Access 2019: Working with Databases	0.42						ds_msac2019_01_enus
			Access 2019: Saving, Printing & Exporting Databases	0.33						ds_msac2019_02_enus
			Access 2019: Tables, Fields & Entries	0.57						ds_msac2019_03_enus
			Access 2019: Inserting, Importing & Formatting Data	0.53						ds_msac2019_04_enus
			Access 2019: Finding & Organizing Data	0.38						ds_msac2019_05_enus
			Access 2019: Creating Forms & Queries	0.57						ds_msac2019_06_enus
			Access 2019: Customizing Forms	0.7						ds_msac2019_07_enus
			Access 2019: Using the Report & Analysis Tools	0.35						ds_msac2019_08_enus
		Microsoft Office 2016								
		Microsoft Office 2016: Beginning PowerPoint								
			Introduction to the PowerPoint 2016 Interface and Basic Tasks	0.97	1					mo_bepw_a01_dt_enus
			Modifying and Formatting Slides in PowerPoint 2016	1.05	1					mo_bepw_a02_dt_enus
			Formatting Text Boxes and Working with Graphic Content in PowerPoint 2016	0.9	1					mo_bepw_a03_dt_enus
			Working with Graphic, Audio, and Video Content in PowerPoint 2016	0.97	1					mo_bepw_a04_dt_enus
			Constructing and Modifying Tables and Charts in PowerPoint 2016	0.9	1					mo_bepw_a05_dt_enus
		Microsoft Office 2016: Beginning Word								
			Working with the Interface and Performing Basic Tasks in Word 2016	1	1.5					mo_bewo_a01_dt_enus
			Formatting Text in Word 2016	1.25	1.5					mo_bewo_a02_dt_enus
			Customizing Options and Using Document Views in Word 2016	0.67	1					mo_bewo_a03_dt_enus
			Creating and Formatting Tables in Word 2016	0.5	1					mo_bewo_a04_dt_enus
			Headers, Footers, Page Numbering, and Layout in Word 2016	0.68	1					mo_bewo_a05_dt_enus
			Using the Navigation Pane and Creating Lists in Word 2016	0.5	1					mo_bewo_a06_dt_enus
		PowerPoint 2016								
			Creating Photo Albums, Sections, Transitions, and Animations in PowerPoint 2016	0.68	1.5					mo_inpw_a01_dt_enus
			Using Hyperlinks, Actions, and Comments in PowerPoint 2016	0.85	1					mo_inpw_a02_dt_enus
			Using Slide Show Presentation Tools in PowerPoint 2016	0.77	1					mo_inpw_a03_dt_enus
			Customizing Proofing and Default Options in PowerPoint 2016	1	1					mo_inpw_a04_dt_enus
			Sharing and Protecting Presentations in PowerPoint 2016	0.82	1					mo_inpw_a05_dt_enus
			Exporting Presentations and Compressing Media in PowerPoint 2016	0.85	1					mo_inpw_a06_dt_enus
			PowerPoint 2016: Getting Started	0.33						ds_mspp2016_01_enus
			PowerPoint 2016: Creating Presentations	0.77						ds_mspp2016_02_enus
			PowerPoint 2016: Saving & Sharing Presentations	1.03						ds_mspp2016_03_enus
			PowerPoint 2016: Inserting & Manipulating Text	0.5						ds_mspp2016_04_enus
			PowerPoint 2016: Formatting Presentations	0.93						ds_mspp2016_05_enus
			PowerPoint 2016: Illustrating Presentations	1.08						ds_mspp2016_06_enus
			PowerPoint 2016: Creating Graphics & Diagrams	0.38						ds_mspp2016_07_enus
			PowerPoint 2016: Organizing Presentations Assets	0.3						ds_mspp2016_08_enus
			PowerPoint 2016: Adding Animations	0.5						ds_mspp2016_09_enus
			PowerPoint 2016: Preparing & Delivering Slideshows	0.72						ds_mspp2016_10_enus
			PowerPoint 2016: Using the Office Mix Add-in	1.15						ds_mspp2016_11_enus
			PowerPoint 2016: Configuring PowerPoint	0.28						ds_mspp2016_12_enus
			PowerPoint 2016: Using PowerPoint 2016 with Office 365	0.67						ds_mspp2016_13_enus
			PowerPoint 2016: Configuring PowerPoint	0.28						ds_mspp2016_12_19_enus
		Microsoft Office 2016: Intermediate Word								
			Using Illustrations, Styles, and Themes in Word 2016	1	1.5					mo_inwo_a01_dt_enus
			Designing and Formatting Illustrations in Word 2016	0.93	1.5					mo_inwo_a02_dt_enus
			Advanced Table Customization in Word 2016	0.73	1					mo_inwo_a03_dt_enus
			Maintaining, Protecting, and Reviewing Documents in Word 2016	0.88	1					mo_inwo_a04_dt_enus
			References, Proofing, Mail Merges, and Forms in Word 2016	1.17	1.5					mo_inwo_a05_dt_enus
			Sharing and Collaborating on Documents in Word 2016	1.03	1					mo_inwo_a06_dt_enus
		Microsoft Office 2016: Beginning Excel								
			Microsoft Excel 2016 Essentials: Creating, Editing, and Saving Workbooks	1.07	1.5					mo_beel_a01_dt_enus
			Microsoft Excel 2016 Essentials: Formatting Data	0.9	1					mo_beel_a02_dt_enus
			Microsoft Excel 2016 Essentials: Data Presentation Strategies	0.8	1					mo_beel_a03_dt_enus
			Microsoft Excel 2016 Essentials: Formulas and Functions	1.13	1					mo_beel_a04_dt_enus
			Microsoft Excel 2016 Essentials: Charts, Tables, and Images	0.95	1					mo_beel_a05_dt_enus
		Excel 2016 (No Assessments)								
			Microsoft Excel 2016 Intermediate: Customizing Views, Styles, and Templates	1.03	1					mo_inel_a01_dt_enus
			Microsoft Office 2016 Intermediate Excel: Creating Custom Visual Effects	0.92	1					mo_inel_a02_dt_enus
			Microsoft Office 2016 Intermediate Excel: Working with Data	1.08	1					mo_inel_a03_dt_enus
			Microsoft Office 2016 Intermediate Excel: Macros and Advanced Queries	1.18	1					mo_inel_a04_dt_enus
			Microsoft Office 2016 Intermediate Excel: PivotTables and Advanced Charts	0.87	1.5					mo_inel_a05_dt_enus
			Microsoft Office 2016 Intermediate Excel: Share, Review, and Collaborate	1.03	1					mo_inel_a06_dt_enus
			Excel 2016: Finding, Sorting & Filtering Data	0.77						ds_msex2016_07_enus
			Excel 2016: Basic Formulas	0.82						ds_msex2016_09_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Excel 2016: Custom & Conditional Formatting	0.53						ds_msx2016_05_enus
			Excel 2016: Referencing Data	0.8						ds_msx2016_08_enus
			Excel 2016: Inserting & Manipulating Data	1.07						ds_msx2016_03_enus
		Microsoft Office 2016: Beginning Outlook								
			Getting to Know Outlook 2016	0.5	1					mo_beou_a01_dt_enus
			Managing Conversations and E-mail in Outlook 2016	0.9	1					mo_beou_a02_dt_enus
			Managing Attachments, and Inserting Items and Signatures in Outlook 2016	0.5	1					mo_beou_a03_dt_enus
			Organizing Contacts in Outlook 2016	0.85	1					mo_beou_a04_dt_enus
			Using the Calendar to Schedule Appointments, Events, and Tasks in Outlook 2016	0.78	1					mo_beou_a05_dt_enus
			Configuring and Managing Meetings and Notes in Outlook 2016	0.7	1					mo_beou_a06_dt_enus
		Outlook 2016								
			Formatting E-mail in Outlook 2016	1.05	1					mo_inou_a01_dt_enus
			Configuring Message Options in Outlook 2016	0.72	1					mo_inou_a02_dt_enus
			Customizing and Managing Outlook 2016	1.13	1.5					mo_inou_a03_dt_enus
			Managing Automation, Storage, and Tidying Up in Outlook 2016	0.92	1					mo_inou_a04_dt_enus
			Managing Contacts, Tasks, and the Calendar in Outlook 2016	0.73	1					mo_inou_a05_dt_enus
			Viewing and Configuring Outlook 2016 Backstage Options	0.95	1.5					mo_inou_a06_dt_enus
			Outlook 2016: Setting Up	0.43						ds_msou2016_01_enus
			Outlook 2016: Sending & Receiving Email	1.03						ds_msou2016_02_enus
			Outlook 2016: Formatting Email	0.97						ds_msou2016_03_enus
			Outlook 2016: Illustrating Email	1.27						ds_msou2016_04_enus
			Outlook 2016: Organizing Email	1.28						ds_msou2016_05_enus
			Outlook 2016: Contact Tools	0.8						ds_msou2016_06_enus
			Outlook 2016: Calendar Tools	0.85						ds_msou2016_07_enus
			Outlook 2016: Configuring the Client	0.9						ds_msou2016_08_enus
			Outlook 2016: Using Outlook 2016 with Office 365	0.22						ds_msou2016_09_enus
		Microsoft Office 2016: Advanced Excel								
			Microsoft Excel 2016 Advanced: Apps and What-if Analysis	0.78						mo_adve_a01_dt_enus
			Microsoft Excel 2016 Advanced: Power Pivot, Custom Formatting, Fills, and Forms	1.18						mo_adve_a02_dt_enus
			Microsoft Excel 2016 Advanced: Accessibility, Transforming Data, and Errors	1.05						mo_adve_a03_dt_enus
		Microsoft Office 2016: Beginning Access								
			Introduction to the Access 2016 Interface, Database Management, and Tables	1.12	1.5					mo_beac_a01_dt_enus
			Creating Relationships, Queries, Forms and Reports in Access 2016	1	1.5					mo_beac_a02_dt_enus
			Access 2016: Working with Databases	0.45						ds_msac2016_01_enus
			Access 2016: Saving, Printing & Exporting Databases	0.43						ds_msac2016_02_enus
			Access 2016: Tables, Fields, & Entries	0.67						ds_msac2016_03_enus
			Access 2016: Inserting, Importing, & Formatting Data	0.58						ds_msac2016_04_enus
			Access 2016: Finding & Organizing Data	0.42						ds_msac2016_05_enus
			Access 2016: Creating Forms & Queries	1.28						ds_msac2016_06_enus
			Access 2016: Using the Report & Analysis Tools	0.47						ds_msac2016_07_enus
		Microsoft Office 2016: Beginning OneNote								
			Getting to Know Microsoft OneNote 2016	0.92	1					mo_beon_a01_dt_enus
			Working with Microsoft OneNote 2016	0.93	1.5					mo_beon_a02_dt_enus
			OneNote 2016: Creating & Opening Notebooks	0.4						ds_mson2016_01_enus
			OneNote 2016: Working with Notebooks	0.72						ds_mson2016_02_enus
			OneNote 2016: Creating Notes	0.9						ds_mson2016_03_enus
			OneNote 2016: Illustrating Notes	1.17						ds_mson2016_04_enus
			OneNote 2016: Using Collaboration Tools	0.35						ds_mson2016_05_enus
			OneNote 2016: Configuring OneNote	0.4						ds_mson2016_06_enus
		Project 2016								
			Getting Started with Project 2016	0.85	1					mo_bepr_a01_dt_enus
			Working with Tasks, Relationships, Constraints, and Milestones in Project 2016	0.82	1					mo_bepr_a02_dt_enus
			Managing Resources and Views in Project 2016	0.83	1					mo_bepr_a03_dt_enus
			Tracking, Managing, and Sharing Projects in Project 2016	1.08	1.5					mo_bepr_a04_dt_enus
			Project 2016: Opening & Navigating	0.48						ds_mspr2016_01_enus
			Project 2016: Setting Up Projects	0.58						ds_mspr2016_02_enus
			Project 2016: Saving & Exporting	0.6						ds_mspr2016_03_enus
			Project 2016: Managing Tasks	1.17						ds_mspr2016_04_enus
			Project 2016: Using & Formatting Gantt Charts	0.47						ds_mspr2016_05_enus
			Project 2016: Tracking Projects	0.7						ds_mspr2016_06_enus
			Project 2016: Managing Project Resources	0.37						ds_mspr2016_07_enus
			Project 2016: Using Report Tools	0.32						ds_mspr2016_08_enus
			Project 2016: Illustrating Projects	0.55						ds_mspr2016_09_enus
			Project 2016: Visualizing Data in Charts & Tables	0.52						ds_mspr2016_10_enus
			Project 2016: Configuring Project	0.35						ds_mspr2016_11_enus
		Visio 2016								
			Getting Started with Visio 2016	0.7	1					mo_bevis_a01_dt_enus
			Creating and Managing Diagrams In Visio 2016	0.92	1					mo_bevis_a02_dt_enus
			Designing and Enhancing Diagrams in Visio 2016	0.83	1					mo_bevis_a03_dt_enus
			Collaborating, Evaluating, and Saving Diagrams in Visio 2016	0.67	1					mo_bevis_a04_dt_enus
			Visio 2016: Creating, Saving, & Sharing Documents	0.92						ds_msvi2016_02_enus
			Visio 2016: Formatting & Structuring Documents	0.43						ds_msvi2016_03_enus
			Visio 2016: Inserting & Formatting Text	0.55						ds_msvi2016_04_enus
			Visio 2016: Inserting Shapes & Images	0.53						ds_msvi2016_05_enus
			Visio 2016: Formatting & Organizing Shapes	0.68						ds_msvi2016_06_enus
			Visio 2016: Adding Data to Diagrams	0.57						ds_msvi2016_07_enus
			Visio 2016: Visualizing Data in Charts & Tables	0.68						ds_msvi2016_08_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Visio 2016: Creating Data Graphics & Reports	0.53						ds_msvi2016_09_enus
		Microsoft Office 2016:	SharePoint for End Users							
			Navigating, Customizing, Lists and Libraries in SharePoint 2016	0.87	1					mo_sheu_a01_dt_enus
			Managing Libraries and Lists in SharePoint 2016	0.87	1					mo_sheu_a02_dt_enus
			Document Sets, Alerts, Site Pages, and Web Parts in SharePoint 2016	0.93	1					mo_sheu_a03_dt_enus
			Social Networking and Collaboration in SharePoint 2016	1.07	1.5					mo_sheu_a04_dt_enus
			Tags, Notes, Community Sites, and Search in SharePoint 2016	0.9	1					mo_sheu_a05_dt_enus
			Content Types, Workflows, Calendar, and Office Applications in SharePoint 2016	0.7	1					mo_sheu_a06_dt_enus
		Microsoft Office 2016:	PowerPoint Best Practices							
			Designing Effective PowerPoint Presentations	0.78	1					mo_bppw_a01_dt_enus
			Using Slide Masters and Slide Elements to Optimize Impact	0.98	1					mo_bppw_a02_dt_enus
		Word for iPad (No Assessments)								
			Microsoft Word 2016 for iPad: Creating, Opening, and Saving Documents	0.45						ds_mswip_01_enus
			Microsoft Word 2016 for iPad: Editing Documents	0.52						ds_mswip_02_enus
			Microsoft Word 2016 for iPad: Formatting Documents	0.48						ds_mswip_03_enus
			Microsoft Word 2016 for iPad: Shaping and Structuring Documents	0.4						ds_mswip_04_enus
			Microsoft Word 2016 for iPad: Adding Graphics to Documents	1.02						ds_mswip_05_enus
			Microsoft Word 2016 for iPad: Using Collaboration Tools	0.42						ds_mswip_06_enus
		PowerPoint for iPad (No Assessments)								
			Microsoft PowerPoint 2016 for iPad: Creating & Opening Presentations	0.87						ds_msppip_01_enus
			Microsoft PowerPoint 2016 for iPad: Building Presentations	0.4						ds_msppip_02_enus
			Microsoft PowerPoint 2016 for iPad: Formatting Presentations	0.52						ds_msppip_03_enus
			Microsoft PowerPoint 2016 for iPad: Illustrating Presentations	0.93						ds_msppip_04_enus
			Microsoft PowerPoint 2016 for iPad: Preparing and Delivering Slideshows	0.67						ds_msppip_05_enus
		OneNote for iPad (No Assessments)								
			Microsoft OneNote 2016 for iPad: Creating Notebooks	0.47						ds_msonip_01_enus
			Microsoft OneNote 2016 for iPad: Creating Notes	0.38						ds_msonip_02_enus
			Microsoft OneNote 2016 for iPad: Formatting Notes	0.38						ds_msonip_03_enus
			Microsoft OneNote 2016 for iPad: Illustrating Notes	0.38						ds_msonip_04_enus
			Microsoft OneNote 2016 for iPad: Using Collaboration Tools	0.23						ds_msonip_05_enus
		SharePoint for iOS (No Assessments)								
			Microsoft Sharepoint 2016 for iOS: Signing in and Navigating	0.42						ds_msshios_01_enus
			Microsoft Sharepoint 2016 for iOS: Collaborating	0.37						ds_msshios_02_enus
			Microsoft Sharepoint 2016 for iOS: Blogging	0.32						ds_msshios_03_enus
		Excel for iPad (No Assessments)								
			Microsoft Excel 2016 for iPad: Using Workbooks	0.45						ds_msexip_01_enus
			Microsoft Excel 2016 for iPad: Inserting and Manipulating Data	0.9						ds_msexip_02_enus
			Microsoft Excel 2016 for iPad: Formatting Data	0.58						ds_msexip_03_enus
			Microsoft Excel 2016 for iPad: Visualizing Data in Tables and Charts	0.6						ds_msexip_04_enus
			Microsoft Excel 2016 for iPad: Using Formula Tools	1.23						ds_msexip_05_enus
			Microsoft Excel 2016 for iPad: Using Collaboration Tools	0.3						ds_msexip_06_enus
		Excel for iPhone (No Assessments)								
			Microsoft Excel 2016 for iPhone: Using Workbooks	0.53						ds_msexiph_01_enus
			Microsoft Excel 2016 for iPhone: Inserting and Manipulating Data	0.98						ds_msexiph_02_enus
			Microsoft Excel 2016 for iPhone: Inserting Tables and Illustrations	0.55						ds_msexiph_03_enus
			Microsoft Excel 2016 for iPhone: Using Collaboration Tools	0.42						ds_msexiph_04_enus
		Outlook Mail for Web (No Assessments)								
			Microsoft Outlook Mail for Web: Getting Started	0.5						ds_msouma15_01_enus
			Microsoft Outlook Mail for Web: Sending and Receiving Email	0.6						ds_msouma15_02_enus
			Microsoft Outlook Mail for Web: Formatting Email	0.48						ds_msouma15_03_enus
			Microsoft Outlook Mail for Web: Organizing Email	0.53						ds_msouma15_04_enus
			Microsoft Outlook Mail for Web: Contact Tools	0.37						ds_msouma15_05_enus
			Microsoft Outlook Mail for Web: Calendar Tools	0.65						ds_msouma15_06_enus
			Microsoft Outlook Mail for Web: Configuring the App	0.4						ds_msouma15_07_enus
		Skype for Business 2016 (No Assessments)								
			Skype for Business 2016: Getting Started	0.63						ds_msskb16_01_enus
			Skype for Business 2016: Chatting and Calling	0.45						ds_msskb16_02_enus
			Skype for Business 2016: Organizing and Hosting Meetings	0.48						ds_msskb16_03_enus
			Skype for Business 2016: Meeting Tools	0.95						ds_msskb16_04_enus
		PowerPoint for iPhone (No Assessments)								
			Microsoft PowerPoint 2016 for iPhone: Creating & Opening Presentations	0.65						ds_msppiph_01_enus
			Microsoft PowerPoint 2016 for iPhone: Building Presentations	0.47						ds_msppiph_02_enus
			Microsoft PowerPoint 2016 for iPhone: Formatting Presentations	0.32						ds_msppiph_03_enus
			Microsoft PowerPoint 2016 for iPhone: Illustrating Presentations	0.47						ds_msppiph_04_enus
			Microsoft PowerPoint 2016 for iPhone: Preparing & Delivering Slideshows	0.35						ds_msppiph_05_enus
		Word for iPhone (No Assessments)								
			Microsoft Word 2016 for iPhone: Creating, Opening & Saving Documents	0.52						ds_mswiph_01_enus
			Microsoft Word 2016 for iPhone: Editing Documents	0.42						ds_mswiph_02_enus
			Microsoft Word 2016 for iPhone: Shaping & Formatting Documents	0.63						ds_mswiph_03_enus
			Microsoft Word 2016 for iPhone: Adding Graphics to Documents	0.38						ds_mswiph_04_enus
			Microsoft Word 2016 for iPhone: Using Collaboration Tools	0.37						ds_mswiph_05_enus
		Microsoft Office for Mac 2016								
		Excel 2016 (No Assessments)								
			Microsoft Excel 2016 for Mac: Opening and Setting Up Excel	0.37						ds_msex16mc_01_enus
			Microsoft Excel 2016 for Mac: Creating, Saving, and Sharing Workbooks	1.15						ds_msex16mc_02_enus
			Microsoft Excel 2016 for Mac: Formatting Data	0.9						ds_msex16mc_04_enus
			Microsoft Excel 2016 for Mac: Custom and Conditional Formatting	0.43						ds_msex16mc_05_enus

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			Microsoft Excel 2016 for Mac: Illustrating Documents	0.4						ds_msex16mc_06_enus
			Microsoft Excel 2016 for Mac: Finding, Sorting, and Filtering Data	0.5						ds_msex16mc_07_enus
			Microsoft Excel 2016 for Mac: Referencing Data	0.55						ds_msex16mc_08_enus
			Microsoft Excel 2016 for Mac: Basic Formulas	0.93						ds_msex16mc_09_enus
			Microsoft Excel 2016 for Mac: Working with Formulas	0.45						ds_msex16mc_10_enus
			Microsoft Excel 2016 for Mac: Charts and Graphs	0.98						ds_msex16mc_11_enus
			Microsoft Excel 2016 for Mac: PivotTables	0.7						ds_msex16mc_12_enus
			Microsoft Excel 2016 for Mac: Extracting Information with Formulas	0.73						ds_msex16mc_13_enus
			Microsoft Excel 2016 for Mac: Configuring Excel	0.37						ds_msex16mc_14_enus
			Excel 2016 : Creating Tours with 3D Maps	0.68						ds_msex2016_19_enus
			Excel 2016: Working with Data in 3D Maps	0.9						ds_msex2016_20_enus
			Microsoft Excel 2016 for Mac: Manipulating Data	1						ds_msex16mc_03_12_enus
			Excel 2016: Getting Started	0.33						ds_msex2016_01_enus
			Excel 2016: Creating, Saving & Sharing Workbooks	1.23						ds_msex2016_02_enus
			Excel 2016: Inserting & Manipulating Data	1.07						ds_msex2016_03_enus
			Excel 2016: Formatting Data	0.87						ds_msex2016_04_enus
			Excel 2016: Custom & Conditional Formatting	0.53						ds_msex2016_05_enus
			Excel 2016: Illustrating Documents	0.47						ds_msex2016_06_enus
			Excel 2016: Finding, Sorting & Filtering Data	0.77						ds_msex2016_07_enus
			Excel 2016: Referencing Data	0.8						ds_msex2016_08_enus
			Excel 2016: Basic Formulas	0.82						ds_msex2016_09_enus
			Excel 2016: Working with Formulas	0.68						ds_msex2016_10_enus
			Excel 2016: Creating Charts & Graphics	1.13						ds_msex2016_11_enus
			Excel 2016: Creating PivotTables & PivotCharts	1.1						ds_msex2016_12_enus
			Excel 2016: Using the Power View Add-in	1.12						ds_msex2016_13_enus
			Excel 2016: Using Conditional Formulas	0.7						ds_msex2016_15_enus
			Excel 2016: Configuring Options & Settings	0.48						ds_msex2016_17_enus
			Excel 2016: Using the Power Pivot Add-in	0.98						ds_msex2016_14_enus
			Excel 2016: Extracting Information with Formulas	0.85						ds_msex2016_16_enus
			Excel 2016: Using Excel 2016 with Office 365	0.9						ds_msex2016_18_enus
			Microsoft Office for Mac 2016 - OneNote (No Assessments)							
			Microsoft OneNote 2016 for Mac: Creating and Opening Notebooks	0.53						ds_mso16m_01_enus
			Microsoft OneNote 2016 for Mac: Working with Notebooks	0.6						ds_mso16m_02_enus
			Microsoft OneNote 2016 for Mac: Creating Notes	1.05						ds_mso16m_03_enus
			Microsoft OneNote 2016 for Mac: Illustrating Notes	1.18						ds_mso16m_04_enus
			Microsoft OneNote 2016 for Mac: Protecting and Sharing Notebooks	0.3						ds_mso16m_05_enus
			Microsoft OneNote 2016 for Mac: Configuring the Application	0.28						ds_mso16m_06_enus
			Microsoft Office for Mac 2016 - Outlook (No Assessments)							
			Microsoft Outlook 2016 for Mac: Opening and Setting Up the Client	0.42						ds_msout16m_01_enus
			Microsoft Outlook 2016 for Mac: Sending and Receiving Email	0.87						ds_msout16m_02_enus
			Microsoft Outlook 2016 for Mac: Formatting Email	0.72						ds_msout16m_03_enus
			Microsoft Outlook 2016 for Mac: Organizing Email	1.07						ds_msout16m_04_enus
			Microsoft Outlook 2016 for Mac: Using the Contact Tools	0.52						ds_msout16m_05_enus
			Microsoft Outlook 2016 for Mac: Using the Calendar Tools	0.8						ds_msout16m_06_enus
			Microsoft Outlook 2016 for Mac: Configuring the Client	0.32						ds_msout16m_07_enus
			Microsoft Office for Mac 2016: PowerPoint (No Assessments)							
			Microsoft PowerPoint 2016 for Mac: Configuring PowerPoint	0.68						ds_mspp16m_01_enus
			Microsoft PowerPoint 2016 for Mac: Building and Structuring a Presentation	0.87						ds_mspp16m_02_enus
			Microsoft PowerPoint 2016 for Mac: Saving, Exporting, and Sharing Presentations	0.85						ds_mspp16m_03_enus
			Microsoft PowerPoint 2016 for Mac: Inserting and Manipulating Text	0.62						ds_mspp16m_04_enus
			Microsoft PowerPoint 2016 for Mac: Formatting your Presentation	1.22						ds_mspp16m_05_enus
			Microsoft PowerPoint 2016 for Mac: Illustrating your Presentation	1.23						ds_mspp16m_06_enus
			Microsoft PowerPoint 2016 for Mac: Creating Graphics & Diagrams in Your Presentation	0.68						ds_mspp16m_07_enus
			Microsoft PowerPoint 2016 for Mac: Organizing your Presentation Assets	0.35						ds_mspp16m_08_enus
			Microsoft PowerPoint 2016 for Mac: Adding Animation to your Presentation	0.5						ds_mspp16m_09_enus
			Microsoft PowerPoint 2016 for Mac: Preparing and Delivering your Slideshow	0.77						ds_mspp16m_10_enus
			Microsoft PowerPoint 2016 for Mac: Using Office 365	0.25						ds_mspp16m_11_enus
			Microsoft Office for Mac 2016 - Word (No Assessments)							
			Microsoft Word 2016 for Mac: Opening and Setting Up	0.42						ds_msw16m_01_enus
			Microsoft Word 2016 for Mac: Creating, Opening, and Saving Documents	0.82						ds_msw16m_02_enus
			Microsoft Word 2016 for Mac: Editing Documents	0.92						ds_msw16m_03_enus
			Microsoft Word 2016 for Mac: Formatting Documents	1.4						ds_msw16m_04_enus
			Microsoft Word 2016 for Mac: Shaping and Structuring Documents	1.17						ds_msw16m_05_enus
			Microsoft Word 2016 for Mac: Using the Find and Replace Tool	0.35						ds_msw16m_06_enus
			Microsoft Word 2016 for Mac: Illustrating Documents	0.55						ds_msw16m_07_enus
			Microsoft Word 2016 for Mac: Using Table Tools	0.62						ds_msw16m_08_enus
			Microsoft Word 2016 for Mac: Creating Graphics and Diagrams	0.63						ds_msw16m_09_enus
			Microsoft Word 2016 for Mac: Creating Forms and Bulk Mailings	0.67						ds_msw16m_11_enus
			Microsoft Word 2016 for Mac: Using Research Tools	0.33						ds_msw16m_10_enus
			Microsoft Word 2016 for Mac: Using Sharing and Collaboration Tools	0.42						ds_msw16m_12_enus
			Microsoft Word 2016 for Mac: Configuring the Application	0.38						ds_msw16m_13_enus
			Word 2016: Using Word 2016 with Office 365	1.02						ds_msw16_14_enus
			Word 2016: Opening & Setting Up	0.55						ds_msw16_01_enus
			Word 2016: Creating, Opening & Saving Documents	1.17						ds_msw16_02_enus
			Word 2016: Editing Documents	1.23						ds_msw16_03_enus
			Word 2016: Formatting Documents	1.65						ds_msw16_04_enus
			Word 2016: Shaping & Structuring Documents	1.33						ds_msw16_05_enus

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			Word 2016: Using the Find & Replace Tools	0.62						ds_msw16_06_enus
			Word 2016: Illustrating Documents	0.88						ds_msw16_07_enus
			Word 2016: Using Table Tools	0.68						ds_msw16_08_enus
			Word 2016: Creating Graphics & Diagrams	0.92						ds_msw16_09_enus
			Word 2016: Using Research Tools	0.68						ds_msw16_10_enus
			Word 2016: Creating Forms & Bulk Mailings	0.87						ds_msw16_11_enus
			Word 2016: Using Sharing & Collaboration Tools	0.87						ds_msw16_12_enus
			Word 2016: Configuring the Application	0.7						ds_msw16_13_enus
			Microsoft Word 2016 for Mac: Using Office 365	0.3						ds_msw16m_14_enus
			Microsoft Office 2016: Outlook Web App for iPad (No Assessments)							
			Microsoft Outlook Web App for iPad: Sign-in and Setup	0.3						ds_owa16_01_enus
			Microsoft Outlook Web App for iPad: Working with Email	1.2						ds_owa16_02_enus
			Microsoft Outlook Web App for iPad: Organizing Email	0.88						ds_owa16_03_enus
			Microsoft Outlook Web App for iPad: Calendar Tools	0.5						ds_owa16_04_enus
			Microsoft Office Sway							
			Microsoft Office Sway Web App							
			Microsoft Office Sway Web App: Signing in and Creating Presentations	0.43						ds_swaywapp_01_10_enus
			Microsoft Office Sway Web App: Building Presentations	1.22						ds_swaywapp_02_09_enus
			Microsoft Office Sway Web App: Delivering and Publishing Presentations	0.4						ds_swaywapp_03_09_enus
			Sway for Windows (No Assessments)							
			Sway for Windows: Signing in & Creating Presentations	0.47						ds_swayw10_01_enus
			Sway for Windows: Building Presentations	1.05						ds_swayw10_02_enus
			Sway for Windows: Delivering & Publishing Presentations	0.23						ds_swayw10_03_enus
			Sway for iOS (No Assessments)							
			Microsoft Office Sway for iOS	0.67						ds_swaywapp_04_enus
			Microsoft Office 2013							
			Word 2013 (No Assessments)							
			Performing Basic Tasks in Word 2013	0.55	1					mo_bqwo_b01_dt_enus
			Editing and Formatting in Word 2013	0.5	1					mo_bqwo_b02_dt_enus
			Structuring a Document in Word 2013	0.7	1					mo_bqwo_b03_dt_enus
			Adding Lists and Objects in Word 2013 (Update Avail.)	0.5	1					mo_bqwo_b04_dt_enus
			Adding Lists and Objects in Word 2013	0.47						mo_bqwo_c04_dt_enus
			Using Tables in Word 2013	0.48	1					mo_bqwo_b05_dt_enus
			Word 2013: Getting Started	0.68						ds_msw2013_01_enus
			Word 2013: Creating, Opening, & Saving Documents	1.27						ds_msw2013_02_enus
			Word 2013: Editing Documents	1.35						ds_msw2013_03_enus
			Word 2013: Formatting Documents	1.8						ds_msw2013_04_enus
			Word 2013: Research Tools	0.67						ds_msw2013_05_enus
			Word 2013: Modifying Document Format	1.42						ds_msw2013_06_enus
			Word 2013: Find & Replace Tools	0.55						ds_msw2013_07_enus
			Word 2013: Table Tools	0.7						ds_msw2013_08_enus
			Word 2013: Graphics & Diagrams	0.75						ds_msw2013_09_enus
			Word 2013: Illustrating Documents	0.77						ds_msw2013_10_enus
			Word 2013: Forms & Bulk Mailings	0.95						ds_msw2013_11_enus
			Word 2013: Sharing & Collaboration Tools	0.92						ds_msw2013_12_enus
			Word 2013: Configuring Word	0.62						ds_msw2013_13_enus
			Microsoft Office 2013: Beginning Access							
			Creating and Populating a Database in Access 2013	0.63	1					mo_bqas_b01_dt_enus
			Modifying Tables in Access 2013	1	1					mo_bqas_b02_dt_enus
			Creating and Modifying Queries in Access 2013	1	1					mo_bqas_b03_dt_enus
			Creating and Modifying Forms in Access 2013	1	1					mo_bqas_b04_dt_enus
			Creating and Modifying Reports in Access 2013	0.85	1					mo_bqas_b05_dt_enus
			Access 2013: Working with Databases	0.72						ds_msac2013_01_enus
			Access 2013: Saving, Printing, & Exporting Databases	0.55						ds_msac2013_02_enus
			Access 2013 (Windows): Understanding Tables, Fields, & Entries	0.87						ds_msac2013_03_enus
			Access 2013: Inserting, Importing, & Formatting Data	0.68						ds_msac2013_04_enus
			Access 2013: Finding & Organizing Data	0.48						ds_msac2013_05_enus
			Access 2013: Creating Forms & Queries	1.48						ds_msac2013_06_enus
			Access 2013: Report & Analysis Tools	0.55						ds_msac2013_07_enus
			Microsoft Project 2013							
			Setting up a Project in Project 2013	0.58	1					mo_bqpi_b01_dt_enus
			Task-based Scheduling in Project 2013	1	1					mo_bqpi_b02_dt_enus
			Resource Management in Project 2013	1	1					mo_bqpi_b03_dt_enus
			Tools for Tracking Project Performance in Project 2013	1	1					mo_bqpi_b04_dt_enus
			Communicate and Finalize Project Information Using Project 2013	1	1					mo_bqpi_b05_dt_enus
			Project 2013: Setting Up Projects	0.98						ds_mspro13_01_enus
			Project 2013: Saving & Exporting Projects	0.72						ds_mspro13_02_enus
			Project 2013: Managing Project Tasks	1.22						ds_mspro13_03_enus
			Project 2013: Tracking Projects	0.82						ds_mspro13_04_enus
			Project 2013: Gantt Charts	0.43						ds_mspro13_05_enus
			Project 2013: Managing Project Resources	0.4						ds_mspro13_06_enus
			Project 2013: Report Tools	0.32						ds_mspro13_07_enus
			Project 2013: Illustrating Projects	0.4						ds_mspro13_08_enus
			Project 2013: Visualizing Data in Charts & Tables	0.37						ds_mspro13_09_enus
			Project 2013: Configuring Project	0.33						ds_mspro13_10_enus
			Microsoft Office 2013: Advanced Outlook							

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Formatting E-mail and Configuring Message Options in Outlook 2013	0.83						mo_adou_b01_dt_enus
			Management and Customization in Outlook 2013	1						mo_adou_b02_dt_enus
			Mail Automation, Cleanup, and Storage in Outlook 2013	1						mo_adou_b03_dt_enus
			Collaboration and Customization with the Calendar, Contacts and Tasks in Outlook 2013	0.72						mo_adou_b04_dt_enus
		Microsoft Office 2013: Power User Excel								
			Sharing and Linking Data, and Adding Office Apps to Excel 2013	0.47						mo_puel_b01_dt_enus
			Reviewing and Protecting Content in Excel 2013	1						mo_puel_b02_dt_enus
			Advanced Formats and Layouts in Excel 2013	1						mo_puel_b03_dt_enus
			Advanced Formulas and Functions in Excel 2013	1						mo_puel_b04_dt_enus
			Using Financial Functions and What-If Analysis in Excel 2013	1						mo_puel_b05_dt_enus
			Using PivotTables, PivotCharts, and Advanced Charts in Excel 2013	1						mo_puel_b06_dt_enus
		Microsoft Office 2013: SharePoint for Power Users								
			Configuring Pages, Sites, and Content in SharePoint 2013	0.68						mo_sppu_b01_dt_enus
			Configuring Lists, Libraries, E-mail, and Announcements in SharePoint 2013	1						mo_sppu_b02_dt_enus
			Managing Templates, Views, and Versioning in SharePoint 2013	1						mo_sppu_b03_dt_enus
			Managing Web Parts, Users, and Groups in SharePoint 2013	1						mo_sppu_b04_dt_enus
			Using and Configuring Search in SharePoint 2013	1						mo_sppu_b05_dt_enus
			Workflows, Collaboration, and Analysis in SharePoint 2013	1						mo_sppu_b06_dt_enus
		Microsoft Office 2013: Advanced Excel								
			Creating and Customizing Visual Elements in Excel 2013	0.77	1					mo_adel_b01_dt_enus
			Customizing Options and Views in Excel 2013	1	1					mo_adel_b02_dt_enus
			Manipulating Data in Excel 2013	0.77	1					mo_adel_b03_dt_enus
			Data Search, Data Validation, and Macros in Excel 2013	1.5	1.5					mo_adel_b04_dt_enus
		Microsoft Office 2013: Advanced PowerPoint								
			Advanced Slide Shows Tools in PowerPoint 2013	0.87						mo_adpw_b01_dt_enus
			Sharing, Printing, Protecting and Delivery Presentations In PowerPoint 2013	0.97						mo_adpw_b02_dt_enus
		Microsoft Office 2013: Advanced Word								
			Advanced Formatting in Word 2013	0.78						mo_adwo_b01_dt_enus
			Customizing Document Layout in Word 2013	0.87						mo_adwo_b02_dt_enus
			Advanced Table Customization in Word 2013 (Update Avail.)	1						mo_adwo_b03_dt_enus
			Advanced Table Customization in Word 2013	0.58						mo_adwo_c03_dt_enus
			Inserting and Formatting Graphics in Word 2013 (Update Avail.)	1						mo_adwo_b04_dt_enus
			Inserting and Formatting Graphics in Word 2013	0.77						mo_adwo_c04_dt_enus
			Navigating and Reviewing Documents in Word 2013	1						mo_adwo_b05_dt_enus
			Reference Tools and Mail Merge in Word 2013	1						mo_adwo_b06_dt_enus
			Adjusting Document Views and Customizing the Appearance of Word 2013	1						mo_adwo_b07_dt_enus
			Sharing and Collaboration in Word 2013	1						mo_adwo_b08_dt_enus
		Microsoft Office 2013: Beginning Excel								
			Creating Workbooks, Worksheets, and Data in Excel 2013	0.68	1					mo_bgel_b01_dt_enus
			Saving and Printing Data in Excel 2013	0.78	1					mo_bgel_b02_dt_enus
			Formatting Cells and Worksheets in Excel 2013	0.6	1					mo_bgel_b03_dt_enus
			Formatting Data in Excel 2013	0.57	1					mo_bgel_b04_dt_enus
			Presenting Data using Conditional Formatting and Sparklines in Excel 2013	0.72	1					mo_bgel_b05_dt_enus
			Performing Calculations Using Functions in Excel 2013	1.08	1.5					mo_bgel_b06_dt_enus
			Presenting Data in Tables and Charts in Excel 2013	0.87	1					mo_bgel_b07_dt_enus
			Excel 2013: Getting Started	0.4						ds_msex2013_01_enus
			Excel 2013: Creating, Saving, & Exporting Workbooks	1.47						ds_msex2013_02_enus
			Excel 2013: Sharing & Exporting Workbooks	0.65						ds_msex2013_03_enus
			Excel 2013: Manipulating Data	1.35						ds_msex2013_04_enus
			Excel 2013: Formatting Data	1.25						ds_msex2013_05_enus
			Excel 2013: Custom & Conditional Formatting	0.65						ds_msex2013_06_enus
			Excel 2013: Illustrating Documents	0.42						ds_msex2013_07_enus
			Excel 2013: Finding, Sorting, & Filtering Data	0.7						ds_msex2013_08_enus
			Excel 2013: Referencing Data	1.15						ds_msex2013_09_enus
			Excel 2013: Basic Formulas	1.07						ds_msex2013_10_enus
			Excel 2013: Working with Formulas	0.77						ds_msex2013_11_enus
			Excel 2013: Charts & Graphics	1.25						ds_msex2013_12_enus
			Excel 2013: PivotTables & PivotCharts	1.32						ds_msex2013_13_enus
			Excel 2013: The Power View Add-in	1.12						ds_msex2013_14_enus
			Excel 2013: The Power Pivot Add-in	1.08						ds_msex2013_15_enus
			Excel 2013: Conditional Formulas	0.87						ds_msex2013_16_enus
			Excel 2013: Extracting Information with Formulas	1.15						ds_msex2013_17_enus
			Excel 2013: Configuring Excel	0.47						ds_msex2013_18_enus
		Outlook 2013 (No Assessments)								
			Working with E-mail in Outlook 2013	0.6	1					mo_bgou_b01_dt_enus
			Managing E-mail in Outlook 2013	0.6	1					mo_bgou_b02_dt_enus
			Working with Contacts in Outlook 2013	0.57	1					mo_bgou_b03_dt_enus
			Scheduling with Appointments, Events, and Tasks in Outlook 2013	0.6	1					mo_bgou_b04_dt_enus
			Working with Meetings in Outlook 2013	0.65	1					mo_bgou_b05_dt_enus
			Outlook 2013: Getting Started	0.42						ds_msou2013_01_enus
			Outlook 2013: Sending & Receiving Email	1.27						ds_msou2013_02_enus
			Outlook 2013: Formatting Email	1.05						ds_msou2013_03_enus
			Outlook 2013: Illustrating Email	1.08						ds_msou2013_04_enus
			Outlook 2013: Organizing Email	1.45						ds_msou2013_05_enus
			Outlook 2013: Contact Tools	0.57						ds_msou2013_06_enus
			Outlook 2013: Calendar Tools	0.97						ds_msou2013_07_enus
			Outlook 2013: Configuring the Client	1.18						ds_msou2013_08_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
		PowerPoint 2013 (No Assessments)								
			Creating Presentations in PowerPoint 2013	0.77	1					mo_bgpw_b01_dt_enus
			Enhancing PowerPoint 2013 Presentations	0.75	1					mo_bgpw_b02_dt_enus
			Animations and Media in PowerPoint 2013	0.7	1					mo_bgpw_b03_dt_enus
			Finalizing a PowerPoint 2013 Presentation	0.75	1					mo_bgpw_b04_dt_enus
			PowerPoint 2013: Getting Started	0.47						ds_mspp2013_01_enus
			PowerPoint 2013: Creating Presentations	1.43						ds_mspp2013_02_enus
			PowerPoint 2013: Saving, Exporting, & Sharing Presentations	1.3						ds_mspp2013_03_enus
			PowerPoint 2013: Inserting & Manipulating Text	0.65						ds_mspp2013_04_enus
			PowerPoint 2013: Formatting Presentations	1.03						ds_mspp2013_05_enus
			PowerPoint 2013: Illustrating Presentations	1.5						ds_mspp2013_06_enus
			PowerPoint 2013: Organizing Presentation Assets	0.55						ds_mspp2013_07_enus
			PowerPoint 2013: Creating Graphics & Diagrams	0.98						ds_mspp2013_08_enus
			PowerPoint 2013: Adding Animation	0.48						ds_mspp2013_09_enus
			PowerPoint 2013: Preparing & Delivering Slideshows	0.78						ds_mspp2013_10_enus
			PowerPoint 2013: Sharing Presentations	0.65						ds_mspp2013_11_enus
			PowerPoint 2013: Configuring PowerPoint	0.4						ds_mspp2013_12_enus
		Microsoft Office 2013: SharePoint for End Users								
			Navigating, Lists, Libraries, Alerts, and Document Sets in SharePoint 2013	0.77	1					mo_speu_b01_dt_enus
			My Site and Social Features in SharePoint 2013	0.67	1					mo_speu_b02_dt_enus
			Community Sites, Search, and Office Integration in SharePoint 2013	0.78	1					mo_speu_b03_dt_enus
			SharePoint 2013: Signing in & Setting Up	0.55						ds_mssh13_01_enus
			SharePoint 2013: Working with the Newsfeed	0.45						ds_mssh13_02_enus
			SharePoint 2013: Working with SharePoint Apps	0.9						ds_mssh13_03_enus
			SharePoint 2013: Working with Document Libraries	0.83						ds_mssh13_04_enus
			SharePoint 2013: Working with Team Sites	0.62						ds_mssh13_05_enus
			SharePoint 2013: Building Web Pages	1.13						ds_mssh13_06_enus
			SharePoint 2013: Working with Blogs	0.4						ds_mssh13_07_enus
			SharePoint 2013: Creating Public Sites	0.52						ds_mssh13_08_enus
		Microsoft OneNote 2013								
			The Microsoft OneNote 2013 Interface	0.8						mo_onnt_a01_dt_enus
			Getting Started with Microsoft OneNote 2013	1.08						mo_onnt_a02_dt_enus
			Working With and Sharing Content in Microsoft OneNote 2013	0.87						mo_onnt_a03_dt_enus
			OneNote 2013 Integration with Other Microsoft Applications	0.92						mo_onnt_a04_dt_enus
			OneNote 2013: Creating & Opening Notebooks	0.67						ds_mson2013_01_enus
			OneNote 2013: Creating Notes	1.15						ds_mson2013_02_enus
			OneNote 2013: Organizing, Protecting, & Saving Notebooks	0.75						ds_mson2013_03_enus
			OneNote 2013: Formatting & Illustrating Notes	1.2						ds_mson2013_04_enus
			OneNote 2013: Using Collaboration Tools	0.47						ds_mson2013_05_enus
			OneNote 2013: Configuring the Application	0.43						ds_mson2013_06_enus
			OneNote 2013: Using the Mobile App	0.62						ds_mson2013_07_enus
		Managing Projects with Microsoft Project 2013								
			Setting Up a Project in Microsoft Project 2013	1.57						mo_prbe_a01_dt_enus
			Creating a Task-Based Schedule in Microsoft Project 2013	1.65						mo_prbe_a02_dt_enus
			Managing Resources and Assignments in Microsoft Project 2013	1.38						mo_prbe_a03_dt_enus
			Tracking and Analyzing Projects Using Microsoft Project 2013	1.05						mo_prbe_a04_dt_enus
			Communicating Project Information Using Microsoft Project 2013	1.8						mo_prbe_a05_dt_enus
		Visio 2013								
			Visio 2013: Exploring the Interface	0.4						ds_msv2013_01_enus
			Visio 2013: Creating, Saving, & Sharing Documents	0.72						ds_msv2013_02_enus
			Visio 2013: Formatting & Structuring a Document	0.33						ds_msv2013_03_enus
			Visio 2013: Inserting Shapes & Images	0.57						ds_msv2013_04_enus
			Visio 2013: Formatting & Organizing Shapes	0.58						ds_msv2013_05_enus
			Visio 2013: Inserting & Formatting Text	0.7						ds_msv2013_06_enus
			Visio 2013: Adding Data to Diagrams	0.4						ds_msv2013_07_enus
			Visio 2013: Creating Data Graphics & Reports	0.77						ds_msv2013_08_enus
		Microsoft Office 2013: Lync End-user (No Assessments)								
			Lync 2013: Getting Started	0.52						ds_mslv2013_01_enus
			Lync 2013: Messages & Calls	0.53						ds_mslv2013_02_enus
			Lync 2013: Meeting Tools	0.78						ds_mslv2013_04_enus
			Lync 2013: Configuring the App	0.33						ds_mslv2013_05_enus
			Lync 2013: Using the Lync Windows Store App	0.58						ds_mslv2013_06_enus
	Microsoft Office 2010									
		Microsoft Office 2010: Beginning Word								
			Getting Started with Word 2010	1	1					mo_bwrd_a01_dt_enus
			Formatting and Working with Text in Word 2010	1	1					mo_bwrd_a02_dt_enus
			Organizing and Arranging Text in Word 2010	1	1					mo_bwrd_a03_dt_enus
			Moving Around in Word 2010	1	1					mo_bwrd_a04_dt_enus
			Structuring Word 2010 Documents	1	1					mo_bwrd_a05_dt_enus
			Reviewing Documents in Word 2010	1	1					mo_bwrd_a06_dt_enus
			Saving, Sharing, and Printing in Word 2010	1	1					mo_bwrd_a07_dt_enus
			Customizing the Behavior and Appearance of Word 2010	1	1					mo_bwrd_a08_dt_enus
			Drawing and Inserting Graphics in Word 2010	1	1					mo_bwrd_a09_dt_enus
			Word 2010: Graphics & Diagrams	0.77						ds_msw2010_09_enus
			Word 2010: Configuring Word	0.63						ds_msw2010_13_enus
			Word 2010: Forms & Bulk Mailings	0.83						ds_msw2010_11_enus
			Word 2010: Formatting Documents	1.67						ds_msw2010_04_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Word 2010: Research Tools	0.6						ds_msw2010_10_enus
			Word 2010: Table Tools	0.68						ds_msw2010_08_enus
			Word 2010: Sharing & Collaboration Tools	0.68						ds_msw2010_12_enus
			Word 2010: Editing Documents	1.35						ds_msw2010_03_enus
			Word 2010: Modifying Document Structure	1.32						ds_msw2010_05_enus
			Word 2010: Getting Started	0.7						ds_msw2010_01_enus
			Word 2010: Creating, Opening, & Saving Documents	1.02						ds_msw2010_02_enus
			Word 2010: Find & Replace Tools	0.58						ds_msw2010_06_enus
			Word 2010: Illustrating Documents	0.68						ds_msw2010_07_enus
			Microsoft SharePoint 2010: New Features for End Users							
			SharePoint 2010 New Features for End Users	1	1					mo_nspe_a01_dt_enus
			Microsoft SharePoint 2010 for End Users							
			Getting Started with SharePoint 2010	1	1					mo_ospe_a01_dt_enus
			Using SharePoint 2010 with Office 2010	1	1					mo_ospe_a02_dt_enus
			Microsoft SharePoint 2010: New Features for Power Users							
			Microsoft SharePoint 2010: New Features for Power Users	1						mo_nspp_a01_dt_enus
			Microsoft SharePoint 2010 for Power Users							
			Managing SharePoint 2010 Sites, Lists, and Libraries	1	1					mo_ospp_a01_dt_enus
			Managing SharePoint 2010 Pages and Components	1	1					mo_ospp_a02_dt_enus
			SharePoint 2010 Security and Business Intelligence	1						mo_ospp_a03_dt_enus
			Microsoft Office 2010: Beginning Excel							
			Getting Started with Excel 2010	1	1					mo_bexl_a01_dt_enus
			Applying Basic Data Formatting in Excel 2010	1	1					mo_bexl_a02_dt_enus
			Moving and Getting Around in Excel 2010	1	1					mo_bexl_a03_dt_enus
			Moving Data and Modifying Worksheets in Excel 2010	1	1					mo_bexl_a04_dt_enus
			Saving, Sending, and Printing Excel 2010 Workbooks	1	1					mo_bexl_a05_dt_enus
			Using Conditional Formatting, Tables, and Sparklines in Excel 2010	1	1					mo_bexl_a06_dt_enus
			Reviewing and Protecting Content in Excel 2010	1	1					mo_bexl_a07_dt_enus
			Using Basic Formulas in Excel 2010	1	1					mo_bexl_a08_dt_enus
			Using Basic Functions with Excel 2010	1	1					mo_bexl_a09_dt_enus
			Inserting Basic Charts in Excel 2010	1	1					mo_bexl_a10_dt_enus
			Adding Visuals, Themes, and Styles to Excel 2010 Workbooks	1	1					mo_bexl_a11_dt_enus
			Excel 2010: Configuring Excel	0.32						ds_msex2010_15_enus
			Excel 2010: Referencing Data	0.73						ds_msex2010_08_enus
			Excel 2010: Conditional Formulas	0.73						ds_msex2010_13_enus
			Excel 2010: Finding, Sorting, & Filtering Data	0.55						ds_msex2010_07_enus
			Excel 2010: Custom & Conditional Formatting	0.47						ds_msex2010_05_enus
			Excel 2010: Working with Formulas	0.65						ds_msex2010_10_enus
			Excel 2010: Basic Formulas	0.87						ds_msex2010_09_enus
			Excel 2010: PivotTables & PivotCharts	0.98						ds_msex2010_12_enus
			Excel 2010: Manipulating Data	0.92						ds_msex2010_03_enus
			Excel 2010: Illustrating Documents	0.38						ds_msex2010_06_enus
			Excel 2010: Getting Started	0.32						ds_msex2010_01_enus
			Excel 2010: Saving & Sharing Workbooks	1.18						ds_msex2010_02_enus
			Excel 2010: Charts & Graphics	1.05						ds_msex2010_11_enus
			Excel 2010: Formatting Data	0.85						ds_msex2010_04_enus
			Excel 2010: Extracting Information with Formulas	1.02						ds_msex2010_14_enus
			Microsoft Office 2010: Beginning Outlook							
			Getting Started with Outlook 2010	1	1					mo_bout_a01_dt_enus
			Managing Conversations and Organizing E-mail in Outlook 2010	1	1					mo_bout_a02_dt_enus
			Managing Attachments, Graphics, Signatures, and Autoreplies in Outlook 2010	1	1					mo_bout_a03_dt_enus
			Using the Calendar for Appointments, Events, and Meetings in Outlook 2010	1	1					mo_bout_a04_dt_enus
			Managing Meetings and Customizing the Calendar in Outlook 2010	1	1					mo_bout_a05_dt_enus
			Outlook 2010 Social Connector and Messaging	1	1					mo_bout_a06_dt_enus
			Working with Contacts in Outlook 2010	1	1					mo_bout_a07_dt_enus
			Using the Tasks, Notes, and Journal Features in Outlook 2010	1	1					mo_bout_a08_dt_enus
			Outlook 2010: Getting Started	0.32						ds_msou2010_01_enus
			Outlook 2010: Sending & Receiving Email	0.98						ds_msou2010_02_enus
			Outlook 2010: Formatting Email	0.97						ds_msou2010_03_enus
			Outlook 2010: Adding Graphics to Email	1.02						ds_msou2010_04_enus
			Outlook 2010: Organizing Email	1.18						ds_msou2010_05_enus
			Outlook 2010: Contact Tools	0.62						ds_msou2010_06_enus
			Outlook 2010: Calendar Tools	0.95						ds_msou2010_07_enus
			Outlook 2010: Configuring the Client	0.95						ds_msou2010_08_enus
			Microsoft Office 2010: Advanced Word							
			Using Themes, Backgrounds, Watermarks, and Quick Parts in Word 2010	1						mo_awrd_a01_dt_enus
			Adding Tables of Contents, Footnotes, Hyperlinks, and Bookmarks in Word 2010	1						mo_awrd_a02_dt_enus
			Forms, Fields, and Mail Merge in Word 2010	1						mo_awrd_a03_dt_enus
			Managing, Inspecting, and Recovering Word 2010 Documents	1						mo_awrd_a04_dt_enus
			Creating and Formatting Tables in Word 2010	1						mo_awrd_a05_dt_enus
			Manipulating Tables in Word 2010	1						mo_awrd_a06_dt_enus
			Embedding Charts and Tables into Word 2010	1						mo_awrd_a07_dt_enus
			Microsoft Office 2010: Advanced Excel							
			Customizing Visual Elements in Excel 2010	1	1					mo_aexl_a01_dt_enus
			Workbook Settings, Conditional Formatting, and Number Formats in Excel 2010	1	1					mo_aexl_a02_dt_enus
			Organizing Data and Objects in Excel 2010	1	1					mo_aexl_a03_dt_enus
			Verifying Excel 2010 Data and Formulas	1	1					mo_aexl_a04_dt_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Automating Excel 2010 Tasks Using Macros	1	1					mo_aexl_a05_dt_enus
			Analyzing Data with What-if Analysis in Excel 2010	1	1					mo_aexl_a06_dt_enus
			PivotTables and PivotCharts in Excel 2010	1	1					mo_aexl_a07_dt_enus
			PivotTable Filters, Calculations, and PowerPivot	1	1					mo_aexl_a08_dt_enus
			Microsoft Office 2010: Advanced Outlook							
			Formatting E-mail and Configuring Message Options in Outlook 2010	1						mo_aout_a01_dt_enus
			Customizing Outlook 2010 and Managing Accounts	1						mo_aout_a02_dt_enus
			Managing E-mail with Rules, Automatic Replies, and Alerts in Outlook 2010	1						mo_aout_a03_dt_enus
			Working with Files and Folders and Using Search and RSS Feeds in Outlook 2010	1						mo_aout_a04_dt_enus
			Data Files, Archiving, and Send/Receive Groups in Outlook 2010	1						mo_aout_a05_dt_enus
			Implementing Security with Outlook 2010	1						mo_aout_a06_dt_enus
			Accessing Exchange Remotely and Using Forms in Outlook 2010	1						mo_aout_a07_dt_enus
			Microsoft Office 2010: Beginning PowerPoint							
			Getting Started with PowerPoint 2010	1	1					mo_bppt_a01_dt_enus
			Visually Enhancing PowerPoint 2010 Presentations	1	1					mo_bppt_a02_dt_enus
			Adding Images to Presentations in PowerPoint 2010	1	1					mo_bppt_a03_dt_enus
			Using Multimedia and Animations in PowerPoint 2010	1	1					mo_bppt_a04_dt_enus
			PowerPoint 2010: Getting Started	0.57						ds_mspp2010_01_enus
			PowerPoint 2010: Creating Presentations	1.03						ds_mspp2010_02_enus
			PowerPoint 2010: Saving & Sharing Presentations	1.65						ds_mspp2010_03_enus
			PowerPoint 2010: Organizing Presentation Assets	0.52						ds_mspp2010_04_enus
			PowerPoint 2010: Inserting & Manipulating Text	0.65						ds_mspp2010_05_enus
			PowerPoint 2010: Formatting Presentations	1.27						ds_mspp2010_06_enus
			PowerPoint 2010: Illustrating Presentations	1.3						ds_mspp2010_07_enus
			PowerPoint 2010: Creating Graphics & Diagrams	1.08						ds_mspp2010_08_enus
			PowerPoint 2010: Adding Animation	0.62						ds_mspp2010_09_enus
			PowerPoint 2010: Delivering Slideshows	0.62						ds_mspp2010_10_enus
			PowerPoint 2010: Configuring PowerPoint	0.58						ds_mspp2010_11_enus
			Microsoft Office 2010: Advanced PowerPoint							
			Using Advanced Slide Show Tools in PowerPoint 2010	1						mo_appt_a01_dt_enus
			Collaborating and Sharing Presentations in PowerPoint 2010	1						mo_appt_a02_dt_enus
			Microsoft Office 2010: Beginning Access							
			Getting Started with Access 2010	1	1					mo_bacc_a01_dt_enus
			Creating Basic Tables in Access 2010	1	1.5					mo_bacc_a02_dt_enus
			Data Manipulation and Simple Relationships in Access 2010	1	1.5					mo_bacc_a03_dt_enus
			Introduction to Forms in Access 2010	1	1					mo_bacc_a04_dt_enus
			Modifying Basic Forms in Access 2010	1						mo_bacc_a05_dt_enus
			Introduction to Queries in Access 2010	1						mo_bacc_a06_dt_enus
			Introduction to Reports in Access 2010	1						mo_bacc_a07_dt_enus
			Access 2010: Working with Databases	0.55						ds_msac2010_01_enus
			Access 2010: Saving, Protecting, & Exporting Databases	0.47						ds_msac2010_02_enus
			Access 2010: Understanding Tables, Fields, & Entries	0.87						ds_msac2010_03_enus
			Access 2010: Inserting, Importing, & Formatting Data	0.68						ds_msac2010_04_enus
			Access 2010: Finding & Organizing Data	0.48						ds_msac2010_05_enus
			Access 2010: Creating Forms & Queries	1.17						ds_msac2010_06_enus
			Access 2010: Report & Analysis Tools	0.77						ds_msac2010_07_enus
			Microsoft Office 2010: Beginning Project							
			Introduction to Project Management using Project 2010	1	1.5	1				mo_bpri_a01_dt_enus
			Introduction to Project 2010	1	1	1				mo_bpri_a02_dt_enus
			Initializing a Project with Project 2010	1		1				mo_bpri_a03_dt_enus
			Defining Project Properties in Project 2010	1		1				mo_bpri_a04_dt_enus
			Building a Schedule with Project 2010	1		1				mo_bpri_a05_dt_enus
			Creating Resources in Project 2010	1		1				mo_bpri_a06_dt_enus
			Managing Resource Assignments with Project 2010	1		1				mo_bpri_a07_dt_enus
			Monitoring Schedule Performance with Project 2010	1		1				mo_bpri_a08_dt_enus
			Communicating Project Information with Project 2010	1		1				mo_bpri_a09_dt_enus
			Project 2010: Setting Up Projects	0.75						ds_mspro10_01_enus
			Project 2010: Managing Project Tasks	1.27						ds_mspro10_02_enus
			Project 2010: Managing Project Resources	0.52						ds_mspro10_04_enus
			Project 2010: Tracking Projects	1.15						ds_mspro10_03_enus
			Microsoft Office 2010: Advanced Access							
			Advanced Importing and Exporting with Access 2010	1						mo_aacc_a01_dt_enus
			PivotTables and PivotCharts in Access 2010	0.98						mo_aacc_a02_dt_enus
			Retrieving, Validating, and Attaching Data in Access 2010	1						mo_aacc_a03_dt_enus
			Subforms, Subreports, and Conditional Formatting in Access 2010	1						mo_aacc_a04_dt_enus
			Joins, SQL, and Action Queries in Access 2010	1						mo_aacc_a05_dt_enus
			Using Access 2010 with SharePoint and Access Services	1						mo_aacc_a06_dt_enus
			Access 2010 Macros and VBA	1.08						mo_aacc_a07_dt_enus
			Optimizing, Securing, and Sharing Access 2010 Databases	1						mo_aacc_a08_dt_enus
			Microsoft Office 2010: Power User Excel							
			Sharing Excel 2010 Workbooks Online and on a Network	1						mo_pexl_a01_dt_enus
			Using Excel 2010 to Collaborate Online and with Other Office Applications	1						mo_pexl_a02_dt_enus
			Using Lookup, Reference, Math, and Text Functions in Excel 2010	1						mo_pexl_a03_dt_enus
			Manipulating Formulas and Using Forms in Excel 2010	1						mo_pexl_a04_dt_enus
			Using Excel 2010 Data Connections: Web Queries, XML, and Databases	1						mo_pexl_a05_dt_enus
			Microsoft Office 2010: Advanced Project							
			Advanced Customizing with Project 2010	1		1				mo_apri_a01_dt_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Advanced Tools for Managing Multiple Projects with Project 2010	1		1				mo_apri_a02_dt_enus
			Advanced Resource Management with Project 2010	1		1				mo_apri_a03_dt_enus
			Advanced Scheduling Management with Project 2010	1		1				mo_apri_a04_dt_enus
			Advanced Reporting and Management Tools in Project 2010	1		1				mo_apri_a05_dt_enus
			Microsoft Office 2010: Beginning Visio							
			Getting Started with Visio 2010	1						mo_bvis_a01_dt_enus
			Working with Diagrams in Visio 2010	1						mo_bvis_a02_dt_enus
			Collaboration, Evaluation and Printing in Visio 2010	1						mo_bvis_a03_dt_enus
			Microsoft OneNote 2010 for End Users							
			Microsoft Office 2010: Managing Information with OneNote	1						mo_onel_a01_dt_enus
			Microsoft Office 2010: Sharing Information with OneNote	1						mo_onel_a02_dt_enus
			OneNote 2010: Working with Notebooks	0.85						ds_mson2010_01_enus
			OneNote 2010: Formatting & Illustrating Notes	1.18						ds_mson2010_02_enus
			OneNote 2010: Organizing, Protecting, & Sharing Notebooks	0.83						ds_mson2010_03_enus
			Microsoft Office 2010: Beginning Excel							
			Getting Started with Excel 2010	1	1					mo_bexl_a01_dt_enus
			Applying Basic Data Formatting in Excel 2010	1	1					mo_bexl_a02_dt_enus
			Moving and Getting Around in Excel 2010	1	1					mo_bexl_a03_dt_enus
			Moving Data and Modifying Worksheets in Excel 2010	1	1					mo_bexl_a04_dt_enus
			Saving, Sending, and Printing Excel 2010 Workbooks	1	1					mo_bexl_a05_dt_enus
			Using Conditional Formatting, Tables, and Sparklines in Excel 2010	1	1					mo_bexl_a06_dt_enus
			Reviewing and Protecting Content in Excel 2010	1	1					mo_bexl_a07_dt_enus
			Using Basic Formulas in Excel 2010	1	1					mo_bexl_a08_dt_enus
			Using Basic Functions with Excel 2010	1	1					mo_bexl_a09_dt_enus
			Inserting Basic Charts in Excel 2010	1	1					mo_bexl_a10_dt_enus
			Adding Visuals, Themes, and Styles to Excel 2010 Workbooks	1	1					mo_bexl_a11_dt_enus
			Excel 2010: Getting Started	0.32						ds_msex2010_01_enus
			Excel 2010: Saving & Sharing Workbooks	1.18						ds_msex2010_02_enus
			Excel 2010: Manipulating Data	0.92						ds_msex2010_03_enus
			Excel 2010: Formatting Data	0.85						ds_msex2010_04_enus
			Excel 2010: Custom & Conditional Formatting	0.47						ds_msex2010_05_enus
			Excel 2010: Illustrating Documents	0.38						ds_msex2010_06_enus
			Excel 2010: Finding, Sorting, & Filtering Data	0.55						ds_msex2010_07_enus
			Excel 2010: Referencing Data	0.73						ds_msex2010_08_enus
			Excel 2010: Basic Formulas	0.87						ds_msex2010_09_enus
			Excel 2010: Working with Formulas	0.65						ds_msex2010_10_enus
			Excel 2010: Charts & Graphics	1.05						ds_msex2010_11_enus
			Excel 2010: PivotTables & PivotCharts	0.98						ds_msex2010_12_enus
			Excel 2010: Conditional Formulas	0.73						ds_msex2010_13_enus
			Excel 2010: Extracting Information with Formulas	1.02						ds_msex2010_14_enus
			Excel 2010: Configuring Excel	0.32						ds_msex2010_15_enus
			Microsoft Publisher 2010 (No Assessments)							
			Publisher 2010: Creating & Publishing Documents	1.3						ds_mspub10_01_enus
			Microsoft Office 2010: Visio (No Assessments)							
			Visio 2010: Creating, Saving, & Sharing Documents	0.4						ds_msv2010_01_enus
			Visio 2010: Inserting Shapes & Images	0.58						ds_msv2010_02_enus
			Visio 2010: Formatting & Organizing Shapes	0.83						ds_msv2010_03_enus
			Visio 2010: Creating Data Graphics & Reports	0.95						ds_msv2010_04_enus
			Microsoft Office 2010: InfoPath 2010 (No Assessments)							
			InfoPath 2010: Creating & Sharing Forms	1.53						ds_msin2010_01_enus
			Upgrading to Word 2010: Word 2010 Tools	1.33						ds_msof0310_01_enus
			Upgrading to Word 2010: Migrating from Word 2003 to Word 2010	1.47						ds_msof0310_02_enus
			Upgrading to Excel 2010: Excel 2010 Tools	0.93						ds_msof0310_03_enus
			Upgrading to Excel 2010: Migrating from Excel 2003 to Excel 2010	0.87						ds_msof0310_04_enus
			PowerPoint 2010 Tools	0.7						ds_msof0310_05_enus
			Upgrading to PowerPoint 2010: Migrating from PowerPoint 2003 to PowerPoint 2010	1.08						ds_msof0310_06_enus
			Microsoft Office 365							
			Microsoft Office 365: Delve (No Assessments)							
			Delve for Office 365: Signing in & Setting Up	0.37						ds_msde_01_enus
			Delve for Office 365: Finding & Sharing Information	0.67						ds_msde_02_enus
			Microsoft Office 365 Delve: Using Boards to Organize Documents	0.35						ds_msde_03_enus
			Delve: Working with Blogs	0.35						ds_msde_04_enus
			Microsoft Office 365: Groups (No Assessments)							
			Microsoft Office 365 Groups: Creating, Joining & Managing Groups	0.47						ds_o365gp17_01_enus
			Microsoft Office 365 Groups: Group Communication	0.5						ds_o365gp17_02_enus
			Microsoft Office 365 Groups: Group File Sharing	0.43						ds_o365gp17_03_enus
			Microsoft Office 365 Groups: Group Calendar Management	0.38						ds_o365gp17_04_enus
			Microsoft Office 365 Groups: Group Applications	0.33						ds_o365gp17_05_enus
			Microsoft Office 365: Stream (No Assessments)							
			Microsoft Office 365 Stream: Finding & Watching Videos	0.57						ds_msstrm17_01_enus
			Microsoft Office 365 Stream: Publishing Videos & Using Channels	0.8						ds_msstrm17_02_enus
			Office 365: Planner							
			Microsoft Office 365 Planner: Signing in & Setting Up	0.43						ds_mso365pl_01_enus
			Microsoft Office 365 Planner: Sharing Information	0.27						ds_mso365pl_04_enus
			Microsoft Office 365 Planner: Planning Projects	0.6						ds_mso365pl_02_09_enus
			Microsoft Office 365 Planner: Managing Tasks	0.75						ds_mso365pl_03_10_enus
			Microsoft Office 2016: Intermediate Sharepoint (No Assessments)							

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			SharePoint 2016: Working with the Newsfeed	0.43						ds_mssh2016_02_enus
			SharePoint 2016: Working with SharePoint Apps	0.97						ds_mssh2016_03_enus
			SharePoint 2016: Working with Document Libraries	0.8						ds_mssh2016_04_enus
			SharePoint 2016: Building Web Pages	0.88						ds_mssh2016_06_enus
			SharePoint 2016: Working with Blogs	0.5						ds_mssh2016_07_enus
			SharePoint 2016: Working with Communication Sites	0.43						ds_mssh2016_08_enus
			SharePoint 2016: Signing In & Setting Up	0.68						ds_mssh2016_01_11_enus
			SharePoint 2016: Working with Team Sites	0.77						ds_mssh2016_05_09_enus
			Microsoft Office 365: Excel Online (No Assessments)							
			Excel Online: Navigating the Interface	0.32						ds_mssexon_01_enus
			Excel Online: Managing Workbooks	0.68						ds_mssexon_02_enus
			Excel Online: Inserting & Manipulating Data	0.67						ds_mssexon_03_enus
			Excel Online: Formatting Data	0.7						ds_mssexon_04_enus
			Excel Online: Visualizing Data in Tables & Charts	1.12						ds_mssexon_05_enus
			Excel Online: Using Collaboration Tools	0.4						ds_mssexon_06_enus
			Microsoft Office 365: Forms (No Assessments)							
			Microsoft Office 365 Forms: Creating Forms	1.1						ds_msfrms17_01_enus
			Microsoft Office 365 Forms: Sharing & Completing Forms	0.4						ds_msfrms17_02_enus
			Microsoft Office 365 Forms: Viewing & Analyzing Results	0.4						ds_msfrms17_03_enus
			Microsoft Office 365: OneNote Online (No Assessments)							
			OneNote Online: Formatting Notebooks	0.27						ds_msoneon_03_enus
			OneNote Online: Creating & Opening Notes	0.88						ds_msoneon_01_enus
			OneNote Online: Formatting & Illustrating Notes	1.03						ds_msoneon_02_enus
			OneNote Online: Using Collaboration Tools	0.42						ds_msoneon_04_enus
			Microsoft Office 365: Outlook Online (No Assessments)							
			Outlook Online: Customization	0.53						ds_msouwba_01_enus
			Outlook Online: Sending & Receiving Email	1.2						ds_msouwba_02_enus
			Outlook Online: Formatting Email	0.55						ds_msouwba_03_enus
			Outlook Online: Organizing Email	0.88						ds_msouwba_04_enus
			Outlook Online: Contact Tools	0.63						ds_msouwba_05_enus
			Outlook Online: Calendar Tools	1.17						ds_msouwba_06_enus
			Microsoft Office 365: PowerPoint Online (No Assessments)							
			PowerPoint Online: Opening & Navigating	0.6						ds_msppon_01_enus
			PowerPoint Online: Building Presentations	0.52						ds_msppon_02_enus
			PowerPoint Online: Saving & Printing Presentations	0.42						ds_msppon_03_enus
			PowerPoint Online: Formatting Presentations	0.5						ds_msppon_04_enus
			PowerPoint Online: Illustrating Presentations	0.65						ds_msppon_05_enus
			PowerPoint Online: Preparing & Delivering Slideshows	0.38						ds_msppon_06_enus
			Office 365: OneDrive for Business 2017							
			OneDrive for Business 2017: Signing in & Setting Up	0.32						ds_msobus17_01_enus
			OneDrive for Business 2017: Using the Storage Tools	0.58						ds_msobus17_02_enus
			OneDrive for Business 2017: Organizing Files	0.57						ds_msobus17_03_04_enus
			Microsoft Office 365: Word Online (No Assessments)							
			Word Online: Formatting Text & Paragraphs	0.45						ds_mswon_04_enus
			Word Online: Opening & Navigating in Word Online	0.68						ds_mswon_01_enus
			Word Online: Editing Documents	0.78						ds_mswon_02_enus
			Word Online: Saving & Printing Documents	0.38						ds_mswon_03_enus
			Word Online: Formatting Documents	0.75						ds_mswon_05_enus
			Microsoft Office 365							
			Office 365: Getting to know the Office 365 web portal	0.65						ds_mso365_01_enus
			Microsoft Flow 2018 (No Assessments)							
			Microsoft Flow: Creating Flows	1.67						ds_msfl18_01_enus
			Microsoft Office 365: Intermediate Excel							
			Excel Office 365 (Windows): Getting Started	0.4						ds_mssex365_01_enus
			Excel Office 365 (Windows): Illustrating Documents	0.57						ds_mssex365_05_enus
			Excel Office 365 (Windows): Inserting & Manipulating Data	1.1						ds_mssex365_03_enus
			Excel Office 365 (Windows): Basic Formulas	0.88						ds_mssex365_06_enus
			Excel Office 365 (Windows): Formatting Data	0.9						ds_mssex365_04_enus
			Excel Office 365 (Windows): Creating & Saving Workbooks	1.2						ds_mssex365_02_enus
			Excel Office 365 (Windows): Sharing & Collaborating on a Document	0.57						ds_mssex365_07_enus
			Excel Office 365: Custom & Conditional Formatting	0.9						ds_mssex365_08_enus
			Excel Office 365: Referencing Data	0.8						ds_mssex365_11_enus
			Excel Office 365: Working with Excel Tables	0.35						ds_mssex365_15_enus
			Excel Office 365: Finding & Grouping Data	0.62						ds_mssex365_09_enus
			Excel Office 365: Forecasting & Solving Problems	0.75						ds_mssex365_12_enus
			Excel Office 365: Creating Charts & Graphics	0.63						ds_mssex365_13_enus
			Excel Office 365: Working with Different Chart Styles	0.4						ds_mssex365_14_enus
			Excel Office 365: Inserting PivotTables	0.58						ds_mssex365_16_enus
			Excel Office 365: Using Conditional Formulas	0.67						ds_mssex365_18_enus
			Excel Office 365: Working with Data in PivotTables	0.5						ds_mssex365_17_enus
			Excel Office 365: Configuring Options & Settings	0.55						ds_mssex365_20_enus
			Excel Office 365: Finding & Analyzing Information with Formulas	0.63						ds_mssex365_19_enus
			Excel Office 365: Sorting & Filtering Data	0.63						ds_mssex365_10_enus
			Excel Office 365 (Windows): Formatting Data	0.9						ds_mssex365_04_04_enus
			Excel Office 365: Managing Data	0.67						ds_mssex365_21_enus
			Excel Office 365: Getting to Know Macros in Excel	0.62						ds_mssex365_22_enus
			Excel Office 365: Creating & Editing Macros	0.78						ds_mssex365_23_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Excel Office 365: Working with Macros in Excel	0.62						ds_msx365_24_enus
		Microsoft Office 365: Beginning Outlook								
			Outlook Office 365 (Windows): Setting Up	0.53						ds_msou365_01_enus
			Outlook Office 365 (Windows): Sending & Receiving Email	1.1						ds_msou365_02_enus
			Outlook Office 365 (Windows): Illustrating Email	1.28						ds_msou365_03_enus
			Outlook Office 365 (Windows): Contact Tools	0.97						ds_msou365_04_enus
			Outlook Office 365 (Windows): Calendar Tools	1.17						ds_msou365_05_enus
			Outlook Office 365 (Windows): Formatting Email Text	0.95						ds_msou365_06_enus
			Outlook Office 365 (Windows): Designing & Shaping Email	0.78						ds_msou365_07_enus
			Outlook Office 365 (Windows): Proofing Email	0.58						ds_msou365_08_enus
			Outlook Office 365 (Windows): Tagging, Sorting & Filtering Email	0.8						ds_msou365_09_enus
			Outlook Office 365 (Windows): Organizing Emails	0.8						ds_msou365_10_enus
			Outlook Office 365 (Windows): Optimizing Workflows	0.83						ds_msou365_11_enus
			Outlook for Office 365: Configuring the Client	0.67						ds_msou365_12_enus
		Office 365: PowerPoint								
			PowerPoint Office 365 (Windows): Getting Started	0.45						ds_mspp365_01_enus
			PowerPoint Office 365 (Windows): Creating Presentations	0.92						ds_mspp365_02_enus
			PowerPoint Office 365 (Windows): Saving Presentations	1.2						ds_mspp365_03_enus
			PowerPoint Office 365 (Windows): Inserting & Manipulating Text	0.73						ds_mspp365_04_enus
			PowerPoint Office 365 (Windows): Formatting Presentations	0.67						ds_mspp365_05_enus
			PowerPoint Office 365 (Windows): Enhancing Presentation Designs	0.8						ds_mspp365_06_enus
			PowerPoint Office 365 (Windows): Using Multimedia in Presentations	0.92						ds_mspp365_07_enus
			PowerPoint Office 365: Organizing Presentation Assets	0.45						ds_mspp365_10_enus
			PowerPoint Office 365: Adding Data to Presentations	0.62						ds_mspp365_08_enus
			PowerPoint Office 365: Creating Graphics & Diagrams	0.67						ds_mspp365_09_enus
			PowerPoint Office 365: Sharing & Collaborating on a Presentation	0.52						ds_mspp365_11_enus
			PowerPoint Office 365: Adding Animations	0.63						ds_mspp365_12_enus
			PowerPoint Office 365: Preparing & Delivering Slideshows	0.8						ds_mspp365_13_enus
			PowerPoint Office 365: Configuring PowerPoint	0.38						ds_mspp365_14_enus
		Microsoft Office 365: Word								
			Word Office 365 (Windows): Opening & Setting Up	0.55						ds_msw365_01_enus
			Word Office 365 (Windows): Creating, Opening & Saving Documents	1.02						ds_msw365_02_enus
			Word for Office 365: Editing documents	1.17						ds_msw365_03_enus
			Word Office 365 (Windows): Formatting documents	1.27						ds_msw365_04_enus
			Word Office 365 (Windows): Using Find & Replace Tools	0.45						ds_msw365_05_enus
			Word Office 365: Sharing & Collaborating on a Document	0.6						ds_msw365_06_enus
			Word Office 365: Structuring Documents	0.52						ds_msw365_07_enus
			Word Office 365: Shaping Documents	0.7						ds_msw365_08_enus
			Word Office 365: Illustrating Documents	0.7						ds_msw365_09_enus
			Word Office 365: Creating Graphics & Diagrams	0.53						ds_msw365_10_enus
			Word Office 365: Adding Data & Calculations	0.57						ds_msw365_11_enus
			Word Office 365: Using Table Tools	0.55						ds_msw365_12_enus
			Word Office 365: Using Research Tools	0.55						ds_msw365_13_enus
			Word Office 365: Creating Forms	0.3						ds_msw365_14_enus
			Word Office 365: Creating Bulk Mailings	0.52						ds_msw365_15_enus
			Word Office 365: Using the Publishing Tools	0.33						ds_msw365_16_enus
			Word Office 365: Configuring the Application	0.53						ds_msw365_17_enus
		Office 365: SharePoint Online								
			SharePoint Online: Signing in & Setting Up	0.55						ds_msoshon_01_enus
			SharePoint Online: Working with Communication Sites	0.53						ds_msoshon_02_enus
			SharePoint Online: Creating a Team Site	0.83						ds_msoshon_03_enus
			SharePoint Online: Working with SharePoint Apps	0.63						ds_msoshon_04_enus
			SharePoint Online: Working with Document Libraries	0.87						ds_msoshon_05_enus
			SharePoint Online: Building Web Pages	0.3						ds_msoshon_06_enus
			SharePoint Online: Illustrating Web Pages	0.75						ds_msoshon_07_enus
		Microsoft PowerApps								
			Microsoft PowerApps: Getting to know the platform	0.45						ds_mspaps_01_enus
			Microsoft PowerApps: Creating & Saving Apps	0.88						ds_mspaps_02_enus
			Microsoft PowerApps: Building your App	0.78						ds_mspaps_03_enus
			Microsoft PowerApps: Inserting Elements in an App	0.88						ds_mspaps_04_enus
			Microsoft PowerApps: Sharing & Collaborating on an App	0.5						ds_mspaps_05_enus
		Office 365: Teams								
			Microsoft Teams: Getting to know the application	0.47						ds_msteam20_01_enus
			Microsoft Teams: Using Teams & Channels	0.63						ds_msteam20_02_enus
			Microsoft Teams: Communicating via the App	0.4						ds_msteam20_03_enus
			Microsoft Teams: Formatting, Illustrating & Reacting to Communications	0.65						ds_msteam20_04_enus
			Microsoft Teams: Making calls, Organizing contacts & Using voicemail	0.4						ds_msteam20_07_enus
			Microsoft Teams: Working with Apps, Tabs & Wiki	0.6						ds_msteam20_06_enus
			Microsoft Teams: Creating, Finding & Organizing Files	0.7						ds_msteam20_05_enus
			Microsoft Teams: Creating, Joining & Managing Meetings	0.67						ds_msteam20_08_enus
		OneDrive for Business								
			OneDrive for Business: Signing in & Setting Up	0.33						ds_msobus20_01_enus
			OneDrive for Business: Using the Storage Tools	0.55						ds_msobus20_02_enus
			OneDrive for Business: Organizing Files	0.4						ds_msobus20_03_enus
		Transitioning to Office 365								
			Transitioning to Office 365	0.83						ds_toff365_01_enus
		Office Spring 2020 Updates								

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Office 365: Spring 2020 Update	0.28						ds_offsp20_01_enus
		Office 365 Groups								
			Office 365 Groups: Discovering groups	0.65						ds_ms365grp_01_enus
	Microsoft Windows 10									
		Microsoft Windows 10 End User (No Assessments)								
			Microsoft Windows 10 End User: Signing In and First View	0.62						mw_wdeu_a01_dt_enus
			Microsoft Windows 10 End User: Hardware, Software, and Security Settings	0.8						mw_wdeu_a02_dt_enus
			Microsoft Windows 10 End User: Customizing Windows 10	1.02						mw_wdeu_a03_dt_enus
			Microsoft Windows 10 End User: New Features	0.58						mw_wdeu_a04_dt_enus
			Microsoft Windows 10 End User: Browsing with Edge	0.7						mw_wdeu_a05_dt_enus
			Microsoft Windows 10 End User: Cortana	0.62						mw_wdeu_a06_dt_enus
			Windows 10: Navigating in a Desktop Environment	0.78						ds_mswin10_01_enus
			Windows 10: Using Windows	0.33						ds_mswin10_02_enus
			Windows 10: Accessing & Managing Files	1.13						ds_mswin10_03_enus
			Windows 10: Using Cortana	0.75						ds_mswin10_04_enus
			Windows 10: Installing & Using Windows Universal Apps	0.97						ds_mswin10_05_enus
			Windows 10: Using Screenshot Tools	0.4						ds_mswin10_06_enus
			Windows 10: Managing Programs & File Types	0.32						ds_mswin10_07_enus
			Windows 10: Protecting & Backing Up Data	0.73						ds_mswin10_08_enus
			Windows 10: Customizing System Appearance	1.5						ds_mswin10_09_enus
			Windows 10: Configuring & Optimizing a System	0.6						ds_mswin10_10_enus
			Windows 10: Configuring & Using Peripheral Devices	0.25						ds_mswin10_11_enus
			Windows 10: Ease of Access & Accessibility Tools	0.33						ds_mswin10_12_enus
			Windows 10: Managing User Accounts	0.7						ds_mswin10_13_enus
			Windows 10: Configuring Network & Share Settings	0.6						ds_mswin10_14_enus
		Microsoft Windows 10 Fall Creators Update (No Assessments)								
			Windows 10 Fall Creators Update: Using Windows	0.35						ds_win10fc_02_enus
			Windows 10 Fall Creators Update: Accessing & Managing Files	1.5						ds_win10fc_03_enus
			Windows 10 Fall Creators Update: Installing & Using Windows Universal Apps	1.6						ds_win10fc_05_enus
			Windows 10 Fall Creators Update: Managing Program & Files Types	0.4						ds_win10fc_07_enus
			Windows 10 Fall Creators Update: Navigating in a Desktop Environment	1.02						ds_win10fc_01_06_enus
			Windows 10 Fall Creators Update: Protecting & Backing up Data	0.83						ds_win10fc_08_04_enus
			Windows 10 Fall Creators Update: Customizing System Appearance	1.85						ds_win10fc_09_04_enus
			Windows 10 Fall Creators Update: Using Cortana	0.65						ds_win10fc_04_05_enus
			Windows 10 Fall Creators Update: Using Screenshot Tools	0.53						ds_win10fc_06_05_enus
			Windows 10 Fall Creators Update: Configuring & Optimizing a System	0.7						ds_win10fc_10_07_enus
			Windows 10 Fall Creators Update: Configuring & Using Peripheral Devices	0.42						ds_win10fc_11_06_enus
			Windows 10 Fall Creators Update: Ease of Access and Accessibility Tools	0.4						ds_win10fc_12_06_enus
			Windows 10 Fall Creators Update: Managing User Accounts	0.67						ds_win10fc_13_05_enus
			Windows 10 Fall Creators Update: Configuring Network & Share Settings	0.65						ds_win10fc_14_06_enus
		OneNote for Windows 10								
			OneNote for Windows 10: Creating & Opening Notebooks	0.33						ds_mson10_01_enus
			OneNote for Windows 10: Creating & Enhancing Notes	0.57						ds_mson10_02_enus
			OneNote for Windows 10: Illustrating Notes	0.73						ds_mson10_03_enus
			OneNote for Windows 10: Organizing a Note Page	0.58						ds_mson10_04_enus
			OneNote for Windows 10: Organizing & ManagingNotebooks	0.58						ds_mson10_05_enus
			OneNote for Windows 10: Using Collaboration Tools	0.42						ds_mson10_06_enus
			OneNote for Windows 10: Configuring OneNote	0.4						ds_mson10_07_enus
		Windows 10 November 2019 Update								
			Windows 10: Exploring the November 2019 Update	0.25						ds_w10n19_01_enus
	Microsoft Windows 8									
		Microsoft Windows 8.1 Update 1: End User								
			Windows 8.1 Update 1: Navigating the UI	0.98						mw_etew_a01_dt_enus
			Windows 8.1 Update 1: Working with Files and Apps	1.18						mw_etew_a02_dt_enus
			Windows 8.1 Update 1: Windows Management and Customization Features	1.15						mw_etew_a03_dt_enus
		Windows 8.1 (No Assessments)								
			Microsoft Windows 8: Using the Desktop & Start Screen	1.23						ds_mswin8_01_enus
			Microsoft Windows 8: Using Windows	0.6						ds_mswin8_02_enus
			Microsoft Windows 8: Accessing & Managing Files	1.98						ds_mswin8_03_enus
			Microsoft Windows 8: Installing & Using Windows Universal Apps	1.28						ds_mswin8_04_enus
			Microsoft Windows 8: Using Screenshot Tools	0.42						ds_mswin8_05_enus
			Microsoft Windows 8: Managing Programs & File Types	0.43						ds_mswin8_06_enus
			Microsoft Windows 8: Protecting & Backing Up Data	0.68						ds_mswin8_07_enus
			Microsoft Windows 8: Customizing System Appearance	1.55						ds_mswin8_08_enus
			Microsoft Windows 8: Configuring & Optimizing a System	0.88						ds_mswin8_09_enus
			Microsoft Windows 8: Configuring & Using Peripheral Devices	0.42						ds_mswin8_10_enus
			Microsoft Windows 8: Ease of Access & Accessibility Tools	0.5						ds_mswin8_11_enus
			Microsoft Windows 8: Managing User Accounts	0.7						ds_mswin8_12_enus
			Microsoft Windows 8: Configuring Network & Share Settings	0.78						ds_mswin8_13_enus
	Microsoft Internet Explorer 11									
		Internet Explorer 11 (No Assessments)								
			Internet Explorer 11: Browsing the Web	0.75						ds_msie11_01_enus
			Internet Explorer 11: Searching the Web	0.38						ds_msie11_02_enus
			Internet Explorer 11: Saving & Bookmarking Websites	0.62						ds_msie11_03_enus
			Internet Explorer 11: Secure & Safe Browsing	0.4						ds_msie11_04_enus
			Internet Explorer 11: Customizing the Browser	0.47						ds_msie11_05_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
	Google									
			Google Drawings (No Assessments)							
			Google Drawings: Creating & Sharing Drawings	0.57						ds_qdraw16_01_enus
			Google Drawings: Using Drawing Tools	0.82						ds_qdraw16_02_enus
			Google Drawings: Adding Text to Drawings	0.42						ds_qdraw16_03_enus
			Google Keep (No Assessments)							
			Google Keep: Google Keep on the Web	1.28						ds_gookp15_01_09_enus
			Google Keep for Android	0.7						ds_gookp15_02_09_enus
			Google Photos (No Assessments)							
			Google Photos: Sign-in & Navigation	0.42						ds_gooph16_01_10_enus
			Google Photos: Uploading & Editing Photos	0.45						ds_gooph16_02_11_enus
			Google Photos: Creating Albums & Slideshows	0.6						ds_gooph16_03_12_enus
			Google Photos for Android	1.12						ds_gooph16_04_10_enus
			Google Photos for iOS	1.03						ds_gooph16_05_10_enus
			Google Hangouts (No Assessments)							
			Google Hangouts for Web: Hangouts in Gmail	0.73						ds_gooha16_01_enus
			Google Hangouts on the Web	0.42						ds_gooha16_02_enus
			Google Hangouts for Android: Hangouts on Android	0.57						ds_gooha16_03_10_enus
			Google Hangouts on iOS	0.53						ds_gooha16_04_10_enus
			Google Hangouts Meet (No Assessments)							
			Google Hangouts Meet: Using Hangouts Meet on the Web	0.77						ds_goohamt_01_enus
			Google Hangouts Meet: Using Hangouts Meet for iOS	0.3						ds_goohamt_02_enus
			Google Hangouts Meet: Using Hangouts Meet for Android	0.4						ds_goohamt_03_enus
			Google Sites (No Assessments)							
			Google Sites for Web: Creating Sites	0.8						ds_goost17_01_enus
			Google Sites for Web: Creating Site Content	1.12						ds_goost17_02_enus
			Google Sites for Web: Integrating & Embedding Web Content in Sites	0.63						ds_goost17_03_enus
			Google Sites for Web: Sharing & Publishing Sites	0.48						ds_goost17_04_enus
			Google Team Drives (No Assessments)							
			Google Team Drives: Organizing Documents	0.82						ds_gootd17_02_enus
			Google Team Drives: Using the Storage Tools	1.45						ds_gootd17_01_06_enus
			Google Docs (No Assessments)							
			Google Docs: Getting Started	0.4						ds_gdocs16_01_enus
			Google Docs: Editing Documents	0.93						ds_gdocs16_03_enus
			Google Docs: Using Table Tools	0.25						ds_gdocs16_06_enus
			Google Docs: Creating Graphics & Diagrams	0.5						ds_gdocs16_07_enus
			Google Docs: Shaping & Formatting Documents	0.67						ds_gdocs16_05_09_enus
			Google Docs: Illustrating Documents	0.7						ds_gdocs16_08_09_enus
			Google Docs: Creating, Opening & Saving Documents	0.82						ds_gdocs16_02_09_enus
			Google Docs: Formatting Documents	0.95						ds_gdocs16_04_09_enus
			Google Docs: Sharing & Collaboration Tools	0.8						ds_gdocs16_09_09_enus
			Google Forms (No Assessments)							
			Google Forms: Creating Forms	1.25						ds_gforms16_01_enus
			Google Forms: Sharing & Completing Forms	0.47						ds_gforms16_02_enus
			Google Forms: Viewing & Analyzing Results	0.33						ds_gforms16_03_enus
			Google AdWords							
			Google AdWords: Setting up Ad Campaigns	0.57						ds_goads18_01_enus
			Google AdWords: Creating Ads & Ad Groups	0.77						ds_goads18_02_enus
			Google AdWords: Using Audience, Placements & Keywords	0.62						ds_goads18_03_enus
			Google AdWords: Analyzing Ads & Campaigns	0.62						ds_goads18_04_enus
			Google AdWords: Managing Accounts & Settings	0.35						ds_goads18_05_enus
			Google Analytics for Web (No Assessments)							
			Google Analytics for Web: Creating & Managing Properties	0.9						ds_goanl17_01_enus
			Google Analytics for Web: Analyzing Audiences & User Behavior	0.85						ds_goanl17_02_enus
			Google Analytics for Web: Using Dashboards & Reports	0.75						ds_goanl17_03_enus
			Google Drive (No Assessments)							
			Google Drive: Getting Started	1.18						ds_goodr16_01_14_enus
			Google Drive: Organizing Documents	0.75						ds_goodr16_02_12_enus
			Google Drive: Working More Efficiently	0.57						ds_goodr16_03_enus
			Gmail (No Assessments)							
			Gmail for Web: Signing In & Setting Up	0.52						ds_gooam17_01_enus
			Gmail for Web: Sending & Receiving Emails	1.03						ds_gooam17_02_enus
			Gmail for Web: Formatting Emails	0.65						ds_gooam17_03_enus
			Gmail for Web: Organizing Emails	0.83						ds_gooam17_04_enus
			Gmail for Web: Using the Contact Tools	0.87						ds_gooam17_05_enus
			Gmail for Web: Using the Calendar Tools	1.32						ds_gooam17_06_enus
			Google Gmail for Web: Customizing Gmail	0.83						ds_gooam17_07_enus
			Google Slides (No Assessments)							
			Google Slides: Getting Started	0.38						ds_goosl16_01_enus
			Google Slides: Creating & Managing Presentations	0.42						ds_goosl16_02_enus
			Google Slides: Building & Structuring Presentations	0.68						ds_goosl16_03_enus
			Google Slides: Saving & Exporting Presentations	0.35						ds_goosl16_04_enus
			Google Slides: Inserting & Formatting Text	0.68						ds_goosl16_05_enus
			Google Slides: Inserting & Formatting Tables	0.28						ds_goosl16_06_enus
			Google Slides: Preparing & Delivering Slideshows	0.43						ds_goosl16_08_enus
			Google Slides: Sharing & Collaboration	0.47						ds_goosl16_09_enus
			Google Slides: Illustrating Presentations	0.95						ds_goosl16_07_09_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Google Sheets (No Assessments)							
			Google Sheets: Getting Started	0.28						ds.qshee16_01.enus
			Google Sheets: Formatting Data	0.77						ds.qshee16_04.enus
			Google Sheets: Illustrating Documents	0.37						ds.qshee16_05.enus
			Google Sheets: Finding, Sorting & Filtering Data	0.47						ds.qshee16_06.enus
			Google Sheets: Referencing Data	0.6						ds.qshee16_07.enus
			Google Sheets: Pivot Tables	0.4						ds.qshee16_10.enus
			Google Sheets: Conditional Formulas	0.88						ds.qshee16_11.enus
			Google Sheets: Solving Complex Problems with Formulas	0.55						ds.qshee16_12.enus
			Google Sheets: Sharing & Collaboration Tools	0.42						ds.qshee16_14.enus
			Google Sheets: Creating, Opening & Saving Documents	0.88						ds.qshee16_02_09.enus
			Google Sheets: Inserting & Manipulating Data	1.43						ds.qshee16_03_12.enus
			Google Sheets: Basic Formulas	1						ds.qshee16_08_09.enus
			Google Sheets: Charts & Graphs	1.35						ds.qshee16_09_09.enus
			Google Sheets: Extracting Information with Formulas	1.08						ds.qshee16_13_12.enus
			Google App Maker							
			Google App Maker: Getting to Know the Application	0.42						ds.gappmkr_01.enus
			Google App Maker: Structuring your data model	0.9						ds.gappmkr_02.enus
			Google App Maker: Building your App	0.87						ds.gappmkr_03.enus
			Google App Maker: Using your application	0.58						ds.gappmkr_04.enus
			Zoom							
			Zoom: Creating, Joining & Managing Meetings	0.82						ds.zoom20_01.enus
			Social Networking							
			Buffer for Business Users (No Assessments)							
			Buffer: Sign-in & Account Creation	0.3						ds.buff15_01.enus
			Buffer: Managing Social Media Activity	0.52						ds.buff15_02.enus
			Flickr for End Users (No Assessments)							
			Flickr: Sign-in & Setup	0.42						ds.flkr16_01.enus
			Flickr: Photo Storage Tools	0.6						ds.flkr16_02.enus
			Flickr: Organizing Photos & Creating Albums	0.63						ds.flkr16_03.enus
			Flickr: Editing Photos	0.4						ds.flkr16_04.enus
			Flickr: Interacting with the Community	1.1						ds.flkr16_05.enus
			Mobile Devices							
			Getting Started with iOS 8 for iPad							
			Introducing iOS 8 for iPad	1.32						ds.ipae_a01.dt.enus
			Getting Started with iOS 8 for iPhone							
			Introducing iOS 8 for iPhone	1.25						ds.iphn_a01.dt.enus
			Windows 10 Mobile for End Users (No Assessments)							
			Microsoft Windows 10 Mobile: Windows Mobile Devices	0.48						ds.win10mob_01.enus
			Microsoft Windows 10 Mobile: Managing Windows Mobile Apps	0.37						ds.win10mob_02.enus
			Microsoft Windows 10 Mobile: Email and Communication Tools	1.12						ds.win10mob_03.enus
			Microsoft Windows 10 Mobile: Calendar Tools	0.43						ds.win10mob_04.enus
			Microsoft Windows 10 Mobile: Microsoft Edge on Mobile Devices	0.48						ds.win10mob_05.enus
			Microsoft Windows 10 Mobile: Camera and Photo Tools	0.62						ds.win10mob_06.enus
			Microsoft Windows 10 Mobile: Listening to Music	0.37						ds.win10mob_07.enus
			Microsoft Windows 10 Mobile: Getting and Sharing Information	0.5						ds.win10mob_08.enus
			Microsoft Windows 10 Mobile: The Maps Application	0.63						ds.win10mob_09.enus
			Microsoft Windows 10 Mobile: Customizing Windows Mobile Devices	0.63						ds.win10mob_10.enus
			Android 7.0 for End Users (No Assessments)							
			Android 7.0: Navigation & Setup	0.55						ds.and7_01.enus
			Android 7.0: Installing & Managing Apps	0.37						ds.and7_02.enus
			Android 7.0: Using Email	0.9						ds.and7_03.enus
			Android 7.0: Managing Contacts	0.42						ds.and7_04.enus
			Android 7.0: Managing Events & Alarms	0.53						ds.and7_05.enus
			Android 7.0: Using Chrome	0.52						ds.and7_06.enus
			Android 7.0: Retrieving & Sharing Information	0.82						ds.and7_07.enus
			Android 7.0: Using The Camera & Photo Tools	0.57						ds.and7_08.enus
			Android 7.0: Listening to Music	0.3						ds.and7_09.enus
			Android 7.0: Configuring Devices	0.63						ds.and7_10.enus
			iOS 10 for End Users (No Assessments)							
			iOS 10: Setting Up & Using your iPad	0.45						ds.ios10_01.enus
			iOS 10: Installing & Managing your iPad Apps	0.4						ds.ios10_02.enus
			iOS 10: Using your iPad Communication Tools	0.7						ds.ios10_03.enus
			iOS 10: Using the iPad Notes & Calendar Tools	0.67						ds.ios10_04.enus
			iOS 10: Using Safari for iPad	0.37						ds.ios10_05.enus
			iOS 10: Using the iPad Camera & Photo Tools	0.55						ds.ios10_06.enus
			iOS 10: Listening to Music & Podcasts on your iPad	0.47						ds.ios10_07.enus
			iOS 10: Getting & Sharing Information With Your iPad	0.35						ds.ios10_08.enus
			iOS 10: Using the Maps Application	0.23						ds.ios10_09.enus
			iOS 10: Customizing your iPad Settings	0.28						ds.ios10_10.enus
			iOS 10: Protecting & Backing Up your Data	0.35						ds.ios10_11.enus
			iOS 10: Using iOS for iPhone	0.82						ds.ios10_12.enus
			iOS 7 for End Users (No Assessments)							
			iOS 7: Setup & Navigation	0.42						ds.ios7_01.enus
			iOS 7: Installing & Working with iPad Apps	0.68						ds.ios7_02.enus
			iOS 7: Communication Tools	0.82						ds.ios7_03.enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			iOS 7: Notes & Calendar Tools	0.35						ds_ios7_04_enus
			iOS 7: Safari for iPad	0.53						ds_ios7_05_enus
			iOS 7: iPads as Multimedia Devices	0.67						ds_ios7_06_enus
			iOS 7: Searching & Sharing	0.4						ds_ios7_07_enus
			iOS 7: Customizing Settings	0.45						ds_ios7_08_enus
			iOS 7: Protecting & Managing Data	0.48						ds_ios7_09_enus
			iOS 7: iOS for iPhone	0.67						ds_ios7_10_enus
			iOS 9 for End Users (No Assessments)							
			iOS 9: Setup & Navigation	0.5						ds_ios9_01_enus
			iOS 9: Installing & Working with iPad Apps	0.38						ds_ios9_02_enus
			iOS 9: Communication Tools	0.7						ds_ios9_03_enus
			iOS 9: Notes & Calendar Tools	0.62						ds_ios9_04_enus
			iOS 9: Safari for iPad	0.33						ds_ios9_05_enus
			iOS 9: Camera & Photo Tools	0.37						ds_ios9_06_enus
			iOS 9: Music & Podcasts	0.3						ds_ios9_07_enus
			iOS 9: Searching & Sharing	0.57						ds_ios9_08_enus
			iOS 9: Customizing Settings	0.32						ds_ios9_09_enus
			iOS 9: Protecting & Managing Data	0.33						ds_ios9_10_enus
			iOS 9: iOS for iPhone	0.43						ds_ios9_11_enus
			iOS 11 for End Users (No Assessments)							
			iOS 11: Setting Up & Using your iPad	0.85						ds_ios11_01_enus
			iOS 11: Installing & Managing your iPad Apps	0.5						ds_ios11_02_enus
			iOS 11: Using your iPad Communication Tools	0.7						ds_ios11_03_enus
			iOS 11: Using the iPad Notes & Calendar Tools	0.9						ds_ios11_04_enus
			iOS 11: Using Safari for iPad	0.38						ds_ios11_05_enus
			iOS 11: Using the iPad Camera & Photo Tools	0.68						ds_ios11_06_enus
			iOS 11: Listening to Music & Podcasts on your iPad	0.52						ds_ios11_07_enus
			iOS 11: Finding and Sharing Information with your iPad	0.42						ds_ios11_08_enus
			iOS 11: Using the Maps Application	0.27						ds_ios11_09_enus
			iOS 11: Customizing your iPad Settings	0.42						ds_ios11_10_enus
			iOS 11: Protecting & Backing Up your Data	0.45						ds_ios11_11_enus
			iOS 11: Using iOS for iPhone	1.03						ds_ios11_12_enus
			iOS 11: Using iOS for iPad Pro	0.35						ds_ios11_13_enus
			Android 8.0 for End Users (No Assessments)							
			Android 8.0: Navigating & Setting Up	0.48						ds_and8_01_enus
			Android 8.0: Installing & Managing Apps	0.43						ds_and8_02_enus
			Android 8.0: Using Email	0.87						ds_and8_03_enus
			Android 8.0: Managing Contacts	0.57						ds_and8_04_enus
			Android 8.0: Managing Events & Alarms	0.72						ds_and8_05_enus
			Android 8.0: Using Chrome on an Android Device	0.53						ds_and8_06_enus
			Android 8.0: Using The Camera & Photo Tools	0.58						ds_and8_07_enus
			Android 8.0: Listening To Music	0.3						ds_and8_08_enus
			Android 8.0: Retrieving & Sharing Information	0.45						ds_and8_09_enus
			Android 8.0: Using Google Maps on an Android Device	0.73						ds_and8_10_enus
			Android 8.0: Configuring Devices	0.73						ds_and8_11_enus
			Android 8.0: Using Android 8 for Phones	0.9						ds_and8_12_enus
			iOS 12 for End Users							
			iOS 12: Setting Up & Using your iPad	1.2						ds_ios12_01_enus
			iOS 12: Using the iPad Notes & Calendar Tools	1.3						ds_ios12_04_enus
			iOS 12: Using Safari for iPad	0.42						ds_ios12_05_enus
			iOS 12: Finding & Sharing Information With Your iPad	0.9						ds_ios12_08_enus
			iOS 12: Protecting & Backing Up your Data	0.5						ds_ios12_11_enus
			iOS 12: Using iOS for iPad Pro	0.38						ds_ios12_13_enus
			iOS 12: Creating Shortcuts & Flows	0.4						ds_ios12_14_enus
			iOS 12: Customizing your iPad Settings	0.3						ds_ios12_10_enus
			iOS 12: Installing & Managing your iPad Apps	0.45						ds_ios12_02_enus
			iOS 12: Using your iPad Communication Tools	1.08						ds_ios12_03_enus
			iOS 12: Using iOS for iPhone	1.2						ds_ios12_12_enus
			iOS 12: Using the Maps Application	0.3						ds_ios12_09_enus
			iOS 12: Listening to Music & Podcasts on your iPad	0.6						ds_ios12_07_enus
			iOS 12: Using the iPad Camera & Photo Tools	0.8						ds_ios12_06_enus
			Seagate Crystal Reports							
			Fundamentals of Crystal Reports 2011							
			Getting Started with Crystal Reports 2011	2.27						cr_crre_a01_dt_enus
			Social Networking Tools							
			Buffer for Business Users (No Assessments)							
			Buffer: Sign-in & Account Creation	0.3						ds_buff15_01_enus
			Buffer: Managing Social Media Activity	0.52						ds_buff15_02_enus
			Flickr for End Users (No Assessments)							
			Flickr: Sign-in & Setup	0.42						ds_flickr16_01_enus
			Flickr: Photo Storage Tools	0.6						ds_flickr16_02_enus
			Flickr: Organizing Photos & Creating Albums	0.63						ds_flickr16_03_enus
			Flickr: Editing Photos	0.4						ds_flickr16_04_enus
			Flickr: Interacting with the Community	1.1						ds_flickr16_05_enus
			YouTube for Web (No Assessments)							
			YouTube for Web: Searching & Viewing Videos	0.63						ds_qcooyb16_01_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			YouTube for Web: Publishing Videos & Managing Channels	1.22						ds_qooytb16_02_enus
			YouTube for Web: Creating & Editing Videos	0.43						ds_qooytb16_03_enus
		LinkedIn for Web (No Assessments)								
			LinkedIn for Web: Setting Up A Profile	0.75						ds_mslkin17_01_enus
			LinkedIn for Web: Managing Contacts & Connections	0.42						ds_mslkin17_02_enus
			LinkedIn for Web: Posting Updates & Messages	0.42						ds_mslkin17_03_enus
			LinkedIn for Web: Using Networking Tools	0.67						ds_mslkin17_04_enus
			LinkedIn for Web: Using Groups	0.6						ds_mslkin17_05_enus
			LinkedIn for Web: Configuring an Account	0.35						ds_mslkin17_06_enus
		Tumblr for Web (No Assessments)								
			Tumblr for Web: Getting Started with Blogs	0.72						ds_tblr16_01_enus
			Tumblr for Web: Blog Authoring Tools	0.95						ds_tblr16_02_enus
			Tumblr for Web: Finding Blogs	0.37						ds_tblr16_03_enus
		Instagram for iOS (No Assessments)								
			Instagram for iOS: Sign-in & Setup	0.73						ds_insta15_01_10_enus
			Instagram for iOS: Sharing Photos & Posts	1.23						ds_insta15_02_09_enus
			Instagram for iOS: Editing & Tagging Photos	0.43						ds_insta15_03_10_enus
		Pinterest for Web (No Assessments)								
			Pinterest for Web: Finding Pins & Sharing Boards	0.98						ds_pintre17_01_enus
			Pinterest for Web: Adding & Sharing Pins	0.67						ds_pintre17_02_enus
		Pinterest for iOS (No Assessments)								
			Pinterest for iOS: Using Pinterest for iOS	0.35						ds_pintre17_03_enus
		Twitter for iOS (No Assessments)								
			Twitter for iOS: Following Users	0.42						ds_twios16_02_enus
			Twitter for iOS: Signing In & Setting Up	0.75						ds_twios16_01_09_enus
			Twitter for iOS: Sending Tweets	0.9						ds_twios16_03_09_enus
			Twitter for iOS: Sharing Photos & Videos	0.62						ds_twios16_04_09_enus
		Twitter for Web (No Assessments)								
			Twitter for Web: Signing In & Setting Up	0.35						ds_twiweb16_01_enus
			Twitter for Web: Following Users	0.28						ds_twiweb16_02_enus
			Twitter for Web: Configuring the Service	0.32						ds_twiweb16_05_enus
			Twitter for Web: Finding Content	0.7						ds_twiweb16_04_08_enus
			Twitter for Web: Sending Tweets	0.82						ds_twiweb16_03_08_enus
		Twitter for Professionals (No Assessments)								
			Twitter for Professionals: Promoting a Business & Engaging with Users	1.1						ds_twpro18_01_enus
			Twitter for Professionals: Analyzing Audiences & User Behavior	0.8						ds_twpro18_02_enus
			Twitter for Professionals: Using Twitter Media Studio	0.43						ds_twpro18_03_enus
		Tumblr for Android (No Assessments)								
			Tumblr for Android	0.27						ds_tblr16_04_enus
		Tumblr for iOS (No Assessments)								
			Tumblr for iOS	0.27						ds_tblr16_05_enus
	Productivity Tools									
		JIRA Fundamentals								
			Leveraging the JIRA Platform for Development Projects	2						sd_jira_a01_it_enus
		Evernote 6 (No Assessments)								
			Evernote 6.0: Sign-in & Setup	0.48						ds_ever6_01_enus
			Evernote 6.0: Creating & Opening Notes	0.92						ds_ever6_02_enus
			Evernote 6.0: Structuring & Saving Notes	0.33						ds_ever6_03_enus
			Evernote 6.0: Formatting Notes	0.35						ds_ever6_04_enus
			Evernote 6.0: Illustrating Notes	0.43						ds_ever6_05_enus
			Evernote 6.0: Organizing Notes	0.57						ds_ever6_06_enus
			Evernote 6.0: Collaboration Tools	0.35						ds_ever6_07_enus
		Freemind 1.0.1 (No Assessments)								
			FreeMind 1.0.1: Using & Customizing the Interface	0.38						ds_freem_1_01_enus
			FreeMind 1.0.1: Creating, Saving, & Exporting Documents	0.42						ds_freem_1_02_enus
			FreeMind 1.0.1: Building a Mind Map	0.77						ds_freem_1_03_enus
			FreeMind 1.0.1: Formatting a Mind Map	0.37						ds_freem_1_04_enus
		MindManager 2016 (No Assessments)								
			MindManager 2016: Working with the Interface	0.58						ds_mm2016_01_enus
			MindManager 2016: Creating, Saving & Exporting Documents	1.03						ds_mm2016_02_enus
			MindManager 2016: Adding Text to Mind Maps	0.37						ds_mm2016_03_enus
			MindManager 2016: Illustrating Mind Maps	0.42						ds_mm2016_04_enus
			MindManager 2016: Adding Tables, Charts, & Data to Mind Maps	0.55						ds_mm2016_05_enus
			MindManager 2016: Adding Markers & Tags to Mind Maps	0.45						ds_mm2016_06_enus
			MindManager 2016: Using the Project Management Tools	0.57						ds_mm2016_07_enus
			MindManager 2016: Using Topics in Mind Maps	0.47						ds_mm2016_08_enus
			MindManager 2016: Formatting Mind Maps	0.62						ds_mm2016_09_enus
			MindManager 2016: Presenting Mind Maps	0.3						ds_mm2016_10_enus
		Pocket for Web (No Assessments)								
			Pocket for Web: Storing & Sharing Articles	0.92						ds_pock2016_01_enus
		Salesforce Lightning (No Assessments)								
			Salesforce Lightning: Sign-in & Setup	0.58						ds_salesli_01_enus
			Salesforce Lightning: Leads, Opportunities, & Accounts	1						ds_salesli_02_enus
			Salesforce Lightning: Keeping Track of Activities	0.52						ds_salesli_03_enus
			Salesforce Lightning: Contact Management & Communication	0.4						ds_salesli_04_enus
			Salesforce Lightning: Managing Sales Data	0.53						ds_salesli_05_enus
		Salesforce Chatter (No Assessments)								

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Salesforce Chatter: Sign-in & Profile Tools	0.35						ds sfch 01 enus
			Salesforce Chatter: Status Updates	0.43						ds sfch 02 enus
			Salesforce Chatter: Sharing Information	0.55						ds sfch 03 enus
			Salesforce Chatter: Communicating with Other Users	0.37						ds sfch 04 enus
			Salesforce Chatter for Lightning (No Assessments)							
			Salesforce Chatter for Lightning: Sign-in & Profile Tools	0.28						ds sfchl 01 enus
			Salesforce Chatter for Lightning: Status Updates	0.33						ds sfchl 02 enus
			Salesforce Chatter for Lightning: Sharing Information	0.42						ds sfchl 03 enus
			Slack 2016 (No Assessments)							
			Slack Web: Signing in and Setting Up	0.58						ds slack16 01 enus
			Slack Web: Using Channels	0.28						ds slack16 02 enus
			Slack iOS: Using the iOS App	0.8						ds slack16 06 enus
			Prezi Classic (No Assessments)							
			Prezi Classic: Sign-in & Setup	0.53						ds prez15 01 enus
			Prezi Classic: Building Presentations	0.7						ds prez15 02 enus
			Prezi Classic: Saving & Managing Presentations	0.33						ds prez15 03 enus
			Prezi Classic: Formatting Presentations	0.55						ds prez15 04 enus
			Prezi Classic: Preparing & Delivering Slideshows	0.35						ds prez15 05 enus
			Scoop.it for Web (No Assessments)							
			Scoop.it for Web: Sign-in & Setup	0.52						ds scoop16 01 enus
			Scoop.it for Web: Finding & Curating Topics	0.83						ds scoop16 02 enus
			Scoop.it for Web: Creating & Using Scoops	0.78						ds scoop16 03 enus
			Trello (No Assessments)							
			Trello: Sign-in & Setup	0.57						ds trello16 01 enus
			Trello: Creating Teams & Boards	0.53						ds trello16 02 enus
			Trello: Managing Cards	0.72						ds trello16 03 enus
			Trello: Finding & Sharing Information	0.48						ds trello16 04 enus
			Box							
			Box for Web: Signing In & Setting Up	0.28						ds box17 01 enus
			Box for Web: Using the Storage Tools	0.8						ds box17 02 enus
			Box for Web: Organizing Files	0.58						ds box17 03 enus
			Box for Web: Sharing Files	0.52						ds box17 04 enus
			Box for Web: Managing Users & Group Permissions	0.38						ds box17 05 enus
			Dropbox for Web (No Assessments)							
			Dropbox for Web: Signing In & Setting Up	0.53						ds dpbx17 01 enus
			Dropbox for Web: Using the Storage Tools	0.45						ds dpbx17 02 enus
			Dropbox for Web: Organizing Files	0.4						ds dpbx17 03 enus
			Dropbox for Web: Managing Dropbox Teams	0.3						ds dpbx17 04 enus
			Dropbox for Web: Using the Collaboration Tools	0.65						ds dpbx17 05 enus
			Microsoft Power BI							
			Data Analytics using Power BI: Concepts	0.87						df mpbi a01 it enus
			Data Analytics Using Power BI: Data Sourcing and Preparation	1.8						df mpbi a02 it enus
			Data Analytics Using Power BI: Data Modeling and Visualization	1.35						df mpbi a03 it enus
			Tableau Data Visualization and Analytics							
			Tableau Interface and Sharing	0.68						df tabv a01 it enus
			Tableau Visualization Design	1.62						df tabv a02 it enus
			Tableau Charts	0.75						df tabv a03 it enus
			Tableau Data Connections	1.15						df tabv a04 it enus
			Tableau Dashboards and Data Organization	1.27						df tabv a05 it enus
			Tableau Time Dimensions	0.5						df tabv a06 it enus
			Tableau Maps	1.05						df tabv a07 it enus
			Tableau Advanced Visualizations	0.77						df tabv a08 it enus
			Tableau Calculations	0.73						df tabv a09 it enus
			Tableau Scripting	1.47						df tabv a10 it enus
			Salesforce Lightning 2018							
			Salesforce Lightning 2018: Sign-in & Setup	0.7						ds sali18 01 enus
			Salesforce Lightning 2018: Leads, Opportunities & Accounts	1.63						ds sali18 02 enus
			Salesforce Lightning 2018: Keeping Track of Activities	0.65						ds sali18 03 enus
			Salesforce Lightning 2018: Contact Management & Communication	0.52						ds sali18 04 enus
			Salesforce Lightning 2018: Managing Sales Data	0.73						ds sali18 05 enus
			Microsoft To-Do							
			Microsoft To-Do: Creating To-Dos	0.4						ds mstdo18 01 enus
			Microsoft To-Do: Organizing To-Dos	0.38						ds mstdo18 02 enus
			Microsoft To-Do: Using the iOS App	0.72						ds mstdo18 03 enus
			Visio 2013							
			Visio 2013: Exploring the Interface	0.4						ds msv2013 01 enus
			Visio 2013: Creating, Saving, & Sharing Documents	0.72						ds msv2013 02 enus
			Visio 2013: Formatting & Structuring a Document	0.33						ds msv2013 03 enus
			Visio 2013: Inserting Shapes & Images	0.57						ds msv2013 04 enus
			Visio 2013: Formatting & Organizing Shapes	0.58						ds msv2013 05 enus
			Visio 2013: Inserting & Formatting Text	0.7						ds msv2013 06 enus
			Visio 2013: Adding Data to Diagrams	0.4						ds msv2013 07 enus
			Visio 2013: Creating Data Graphics & Reports	0.77						ds msv2013 08 enus
			Circuit for Web 2018 (No Assessments)							
			Circuit for Web: Signing In & Setting Up	0.52						ds circ18 01 enus
			Circuit for Web: Communicating with Others	0.52						ds circ18 02 enus
			Circuit for Web: Using the Meeting Tools	0.35						ds circ18 03 enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Dynamics 365 for Sales (No Assessments)							
			Microsoft Dynamics 365: Sign-in & Setup	0.93						ds_dy365s18_01_enus
			Microsoft Dynamics 365: Managing Leads, Opportunities & Accounts	1.45						ds_dy365s18_02_enus
			Microsoft Dynamics 365: Managing Sales Data	0.88						ds_dy365s18_04_enus
			Microsoft Dynamics 365: Keeping Track of Activities	0.98						ds_dy365s18_03_enus
			Jive-n Cloud 2018 (No Assessments)							
			Jive-n Cloud: Signing In & Setting Up	0.75						ds_jiven18_01_enus
			Jive-n Cloud: Using Streams to Collaborate	1.08						ds_jiven18_02_enus
			Jive-n Cloud: Using Departments, Spaces & Projects	1.3						ds_jiven18_03_enus
			Jive-n Cloud: Creating & Sharing Content	0.9						ds_jiven18_04_enus
			Jive-n Cloud: Finding Information	0.32						ds_jiven18_05_enus
			Jive-n Cloud: Creating & Organizing Events	0.3						ds_jiven18_06_enus
			Smartsheet 2018 (No Assessments)							
			Smartsheet: Signing in & Setting Up	0.32						ds_smtsh18_01_enus
			Smartsheet: Creating Projects	1						ds_smtsh18_02_enus
			Smartsheet: Creating & Managing Tasks	1.1						ds_smtsh18_03_enus
			Smartsheet: Tracking Projects	0.78						ds_smtsh18_04_enus
			Smartsheet: Using the Collaboration Tools	0.48						ds_smtsh18_05_enus
			Hootsuite (No Assessments)							
			Hootsuite: Adding & Managing Accounts	0.5						ds_hoot18_01_enus
			Hootsuite: Publishing & Scheduling Posts	0.48						ds_hoot18_02_enus
			Tableau Prep Builder							
			Tableau Prep Builder: Cleaning & Analyzing Data	0.72						ds_tblrp_03_enus
			Tableau Prep Builder: Working with Outputs	0.35						ds_tblrp_04_enus
			Tableau Prep Builder: Opening & Connecting Data Sources	0.57						ds_tblrp_01_enus
			Tableau Prep Builder: Working with Steps	0.8						ds_tblrp_02_enus
			Learn How to Touch Type							
			Learn How to Touch Type	0.62						ds_touty_01_enus
			Slack							
			Slack: Signing in & Setting Up	0.53						ds_slack20_01_enus
			Slack: Using Channels	0.55						ds_slack20_02_enus
			Slack: Using Private Messaging & Communication Tools	0.57						ds_slack20_03_enus
			Slack: Creating, Finding & Sharing Information	0.6						ds_slack20_04_enus
			Slack: Configuring Slack	0.57						ds_slack20_05_enus
			Graphics and Design							
			Balsamiq Mockups 3							
			Introduction to Balsamiq Mockups	2.13						wd_usba_a01_it_enus
			Working with Balsamiq Versions and Plugins	2.6						wd_usba_a02_it_enus
			Sketch 51							
			Sketch 51: Creating, Designing & Saving Documents	0.6						ds_skh512_02_enus
			Sketch 51: Creating Layers, Objects & Vectors	1.1						ds_skh512_03_enus
			Sketch 51: Sharing & Exporting Documents	0.6						ds_skh512_04_enus
			Sketch 51: Exploring the interface	0.5						ds_skh512_01_enus
			Mac OS Sierra Productivity Tools							
			Mac Contacts for Sierra (No Assessments)							
			Mac Contacts for Sierra: Using the Contacts App	0.37						ds_sracon_01_enus
			Mac Contacts for Sierra: Adding & Organizing Contacts	0.48						ds_sracon_02_enus
			Mac Contacts for Sierra: Sharing & Using Contact Details	0.4						ds_sracon_03_enus
			Mac Mail for Sierra (No Assessments)							
			Mac Mail for Sierra: Opening & Setting Up the Client	0.53						ds_sramail_01_enus
			Mac Mail for Sierra: Sending & Receiving Emails	1.08						ds_sramail_02_enus
			Mac Mail for Sierra: Formatting Emails	0.53						ds_sramail_03_enus
			Mac Mail for Sierra: Organizing your Emails	0.95						ds_sramail_04_enus
			Mac Mail for Sierra: Configuring the Account & Client Settings	0.42						ds_sramail_05_enus
			Mac Photos for Sierra (No Assessments)							
			Mac Photos for Sierra: Getting Started	0.47						ds_srapho_01_enus
			Mac Photos for Sierra: Organizing Photos	0.48						ds_srapho_02_enus
			Mac Photos for Sierra: Tagging & Editing Photos	0.43						ds_srapho_03_enus
			Mac Photos for Sierra: Sharing & Exporting Photos	0.68						ds_srapho_04_enus
			Collaboration Tools							
			Basecamp 2 (No Assessments)							
			Basecamp 2: Sign-in & Setup	0.33						ds_bcamp2_01_enus
			Basecamp 2: Setting Up Projects	0.6						ds_bcamp2_02_enus
			Basecamp 2: Tracking Projects	0.67						ds_bcamp2_03_enus
			Basecamp 2: Managing Project Tasks & Assets	0.8						ds_bcamp2_04_enus
			Basecamp 2: Discussion & Collaboration Tools	0.83						ds_bcamp2_05_enus
			Cisco Jabber 11.8 for Windows (No Assessments)							
			Cisco Jabber 11.8 for Windows: Setting Up the Client	0.48						ds_ccib118_01_enus
			Cisco Jabber 11.8 for Windows: Adding & Organizing Contacts	0.23						ds_ccib118_02_enus
			Cisco Jabber 11.8 for Windows: Using the Chat & Voice Tools	0.52						ds_ccib118_03_enus
			Cisco Jabber 11.8 for Windows: Using the Meeting Tools	0.37						ds_ccib118_04_enus
			Cisco WebEx for Windows (No Assessments)							
			Cisco WebEx for Windows: Sign-in & Setup	0.43						ds_ciwbox14_01_enus
			Cisco WebEx for Windows: Organizing & Hosting Meetings	0.4						ds_ciwbox14_02_enus
			Cisco WebEx for Windows: Using Meeting Tools	0.68						ds_ciwbox14_03_enus
			Convo (No Assessments)							

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Convo: Sign-in & Setup	0.33						ds_conv16_01_enus
			Convo: Communication Tools	0.77						ds_conv16_02_enus
			Convo: Working with Groups	0.5						ds_conv16_03_enus
			Convo: Creating, Finding, & Sharing Information	0.5						ds_conv16_04_enus
			Convo: Configuring Convo	0.28						ds_conv16_05_enus
			Convo: The Convo iOS App	0.77						ds_conv16_06_enus
			LogMeIn GoToMeeting (No Assessments)							
			LogMeIn GoToMeeting: Sign-in & Setup	0.28						ds_gotome16_01_enus
			LogMeIn GoToMeeting: Organizing & Hosting Meetings	0.7						ds_gotome16_02_enus
			LogMeIn GoToWebinar (No Assessments)							
			LogMeIn GoToWebinar: Planning & Participating in Webinars	0.77						ds_gotowe16_01_enus
			LogMeIn GoToWebinar: Managing Webinars	0.6						ds_gotowe16_02_enus
			Join.me for Windows (No Assessments)							
			Join.me for Windows: Signing In & Setting Up an Account	0.57						ds_joinme17_01_enus
			Join.me for Windows: Organizing, Hosting & Joining Meetings	0.65						ds_joinme17_02_enus
			Join.me for Windows: Using the Meeting Tools	0.78						ds_joinme17_03_enus
			Cisco WebEx for Web							
			Cisco Webex Meetings: Signing in & Setting Up	0.58						ds_ciwbrmq18_01_enus
			Cisco Webex Meetings: Organizing & Hosting Meetings	1.08						ds_ciwbrmq18_02_enus
			Cisco Webex Meetings: Using Meeting Tools	1.17						ds_ciwbrmq18_03_enus
			Cisco WebEx Teams							
			Cisco Webex Teams: Signing In & Managing Teams	0.5						ds_ciwbtm18_01_enus
			Cisco Webex Teams: Using the Conversation Tools	0.6						ds_ciwbtm18_02_enus
			Cisco Webex Teams: Using the Collaboration Tools	0.55						ds_ciwbtm18_03_enus
			Confluence Web							
			Confluence: Signing in & Navigating within Spaces	0.37						ds_atco18_01_enus
			Confluence: Setting Up & Managing Spaces	1.32						ds_atco18_02_enus
			Confluence: Working with Team Members	0.42						ds_atco18_04_enus
			Confluence: Working with Spaces	1.4						ds_atco18_03_enus
			Confluence: Configuring Spaces	0.7						ds_atco18_05_enus
			Gmail Web							
			The New Gmail: Signing in & Setting Up	0.48						ds_qooqm18_01_enus
			The New Gmail: Sending & Receiving Emails	1.15						ds_qooqm18_02_enus
			The New Gmail: Formatting Emails	0.58						ds_qooqm18_03_enus
			The New Gmail: Organizing Emails	1						ds_qooqm18_04_enus
			The New Gmail: Using the Contact Tools	0.85						ds_qooqm18_05_enus
			The New Gmail: Using the Calendar Tools	1.38						ds_qooqm18_06_enus
			The New Gmail: Customizing Gmail	0.93						ds_qooqm18_07_enus
			Facebook							
			Facebook for Web (No Assessments)							
			Facebook for Web: Sign-in & Setup	0.58						ds_face2016_01_enus
			Facebook for Web: Finding & Interacting with Friends	0.57						ds_face2016_02_enus
			Facebook for Web: Using the News Feed	0.67						ds_face2016_03_enus
			Facebook for Web: Posting Updates	0.82						ds_face2016_04_enus
			Facebook for Web: Photo Tools	0.6						ds_face2016_05_enus
			Facebook for Web: Group Tools	0.37						ds_face2016_06_enus
			Facebook for Web: Creating & Managing Pages	0.55						ds_face2016_07_enus
			Facebook for Web: Creating & Organizing Events	0.5						ds_face2016_08_enus
			Facebook for Web: Private Communication Tools	0.52						ds_face2016_09_enus
			Facebook for Web: Privacy & Security Settings	0.6						ds_face2016_10_enus
			Facebook for iOS (No Assessments)							
			Facebook for iPad: Sign-in & Setup	0.6						ds_faceios_01_enus
			Facebook for iPad: Finding & Interacting with Friends	0.37						ds_faceios_02_enus
			Facebook for iPad: Using the News Feed	0.55						ds_faceios_03_enus
			Facebook for iPad: Posting Updates	0.6						ds_faceios_04_enus
			Facebook for iPad: Photo Tools	0.4						ds_faceios_05_enus
			Facebook for iPad: Group Tools	0.38						ds_faceios_06_enus
			Facebook for iPad: Creating & Managing Pages	0.47						ds_faceios_07_enus
			Facebook for iPad: Creating & Organizing Events	0.38						ds_faceios_08_enus
			Facebook for iPad: Privacy & Security Settings	0.38						ds_faceios_09_enus
			Facebook Messenger (No Assessments)							
			Facebook Messenger: Sign-in & Setup	0.35						ds_facemess_01_enus
			Facebook Messenger: Communication & Connections	0.75						ds_facemess_02_enus
			Facebook Messenger: Using Messenger on the Web	0.58						ds_facemess_03_enus
			Facebook Business: Facebook Pages (No Assessments)							
			Pages for Facebook Business: Building your Page Reach	0.48						ds_fbkpq17_03_enus
			Pages for Facebook Business: Setting Up a Page	1.42						ds_fbkpq17_01_04_enus
			Pages for Facebook Business: Creating Page Posts	0.95						ds_fbkpq17_02_06_enus
			Facebook Workplace (No Assessments)							
			Facebook Workplace: Signing In & Setting Up	0.9						ds_fbwork17_01_enus
			Facebook Workplace: Posting Updates	1						ds_fbwork17_02_enus
			Facebook Workplace: Using Groups	1.42						ds_fbwork17_03_enus
			Facebook Workplace: Using the Photo Tools	0.57						ds_fbwork17_04_enus
			Facebook Workplace: Using the Private Communication Tools	0.88						ds_fbwork17_05_enus
			Facebook Workplace: Creating & Organizing Events	0.4						ds_fbwork17_06_enus
			Facebook Workplace: Administering a Workplace Network	0.45						ds_fbwork17_07_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
	QuickBooks									
			QuickBooks Pro 2017 Fundamentals							
			Getting Started with QuickBooks Pro 2017	0.9						ds_qpro_a01_it_enus
			Interface and Company Settings	0.72						ds_qpro_a02_it_enus
			Vendors, Bills, Customers, and Income	0.8						ds_qpro_a03_it_enus
			Employees, Banking, and Reports	0.78						ds_qpro_a04_it_enus
	IBM for End Users									
			IBM Connections Cloud (No Assessments)							
			IBM Connections Cloud: Signing in & Managing Accounts	0.43						ds_ibmconn_01_enus
			IBM Connections Cloud: Adding & Organizing Contacts	0.45						ds_ibmconn_02_enus
			IBM Connections Cloud: Posting & Reacting to Status Updates	0.5						ds_ibmconn_03_enus
			IBM Connections Cloud: Using Meeting Tools	0.58						ds_ibmconn_04_enus
			IBM Connections Cloud: Creating, Importing, & Organizing Files	0.72						ds_ibmconn_05_enus
			IBM Connections Cloud: Using Communities	0.92						ds_ibmconn_06_enus
			IBM Notes 9 (No Assessments)							
			IBM Notes 8.5: Opening & Setting Up the Client	0.6						ds_ibmln85_01_enus
			IBM Notes 8.5: Sending & Receiving Emails	0.88						ds_ibmln85_02_enus
			IBM Notes 8.5: Formatting Emails	0.67						ds_ibmln85_03_enus
			IBM Notes 8.5: Organizing Emails	0.78						ds_ibmln85_04_enus
			IBM Notes 8.5: Contact Tools	0.5						ds_ibmln85_05_enus
			IBM Notes 8.5: Calendar Tools	0.63						ds_ibmln85_06_enus
			IBM Notes 8.5: Configuring the Client	0.95						ds_ibmln85_07_enus
			IBM Sametime Connect 9 (No Assessments)							
			IBM Sametime Connect 9: The Sametime Interface	0.3						ds_ibmsaco9_01_enus
			IBM Sametime Connect 9: Using the Chat Tools	0.5						ds_ibmsaco9_02_enus
			IBM Sametime Connect 9: Using the Contact Tools	0.28						ds_ibmsaco9_03_enus
			IBM Sametime Connect 9: Organizing & Hosting Meetings	0.87						ds_ibmsaco9_04_enus
			IBM Sametime Connect 9: Configuring Sametime Connect	0.3						ds_ibmsaco9_05_enus
			IBM Sametime Web Chat 9 (No Assessments)							
			IBM Sametime Web Chat 9: Sametime Configuration	0.32						ds_ibmsawb9_01_enus
			IBM Sametime Web Chat 9: Chatting & Calling	0.4						ds_ibmsawb9_02_enus
			IBM Sametime Web Chat 9: Organizing & Hosting Meetings	0.82						ds_ibmsawb9_03_enus
			IBM Verse 2016 (No Assessments)							
			IBM Verse 2016: Formatting Emails	0.58						ds_ibmverse_02_enus
			IBM Verse 2016: Organizing Emails	0.35						ds_ibmverse_03_enus
			IBM Verse 2016: Contact & Chat Tools	0.65						ds_ibmverse_04_enus
			IBM Verse 2016: Calendar Tools	0.5						ds_ibmverse_05_enus
			IBM Verse 2016: Sending & Receiving Emails	1.13						ds_ibmverse_01_08_enus
			IBM Notes 9							
			IBM Notes 9: Formatting Emails	0.97						ds_ibmnote9_03_enus
			IBM Notes 9: Organizing Emails	0.55						ds_ibmnote9_04_enus
			IBM Notes 9: Setting Up IBM Notes	0.53						ds_ibmnote9_01_enus
			IBM Notes 9: Sending & Receiving Emails	0.67						ds_ibmnote9_02_enus
			IBM Notes 9: Contact Tools	0.45						ds_ibmnote9_05_enus
			IBM Notes 9: Calendar Tools	0.67						ds_ibmnote9_06_enus
			IBM Notes 9: Configuration	0.55						ds_ibmnote9_07_enus
	Publisher 2016									
			Publisher 2016 for Windows (No Assessments)							
			Publisher 2016 for Windows: Creating, Opening & Saving Publications	0.88						ds_mspub16_01_enus
			Publisher 2016 for Windows: Editing Publications	0.7						ds_mspub16_02_enus
			Publisher 2016 for Windows: Designing & Structuring Publications	1.02						ds_mspub16_03_enus
			Publisher 2016 for Windows: Illustrating Publications	0.75						ds_mspub16_04_enus
			Publisher 2016 for Windows: Using the Merge Tools	0.55						ds_mspub16_05_enus
			Publisher 2016 for Windows: Configuring the Application	0.58						ds_mspub16_06_enus
	Firefox									
			Firefox 50 for End Users (No Assessments)							
			Firefox 50: Browsing the Web	0.68						ds_mzff50_01_enus
			Firefox 50: Searching the Web	0.35						ds_mzff50_02_enus
			Firefox 50: Saving & Bookmarking Websites	0.65						ds_mzff50_03_enus
			Firefox 50: Browsing Securely & Safely	0.43						ds_mzff50_04_enus
			Firefox 50: Customizing the Browser	0.88						ds_mzff50_05_enus
	Microsoft Edge									
			Microsoft Edge 2018							
			Microsoft Edge 2018: Browsing the Web	0.98						ds_msedge_01_enus
			Microsoft Edge 2018: Searching the Web	0.28						ds_msedge_02_enus
			Microsoft Edge 2018: Saving, Bookmarking & Sharing Websites	0.33						ds_msedge_03_enus
			Microsoft Edge 2018: Customizing the Browser	0.45						ds_msedge_04_enus
	Business Continuity									
			Business Continuity Planning							
			Forging Ahead with Perseverance and Resilience	0.5		0.5				bc_03_a01_bs_enus
			Responding Effectively to Risks	0.45	0.5	0.5				ast_01_a05_bs_enus
			Assessing Your Organization's Risks	0.48	0.5	0.5				ast_01_a04_bs_enus
			Establishing Effective Virtual Teams	0.5	0.5	0.5				ald_06_a01_bs_enus
			Facing Virtual Team Challenges	0.45	0.5	0.25				ald_06_a02_bs_enus
			Skype for Business 2016: Getting Started	0.63						ds_msskb16_01_enus
			LogMeIn GoToMeeting: Organizing & Hosting Meetings	0.7						ds_qotome16_02_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Google Hangouts Meet: Using Hangouts Meet on the Web	0.77						ds_qoohamt_01_enus
			Join.me for Windows: Organizing, Hosting & Joining Meetings	0.65						ds_joinme17_02_enus
			Managing in a Crisis	0.35	0.5	0.25				bs_ald09_a01_enus
			Cisco Webex Meetings: Organizing & Hosting Meetings	1.08						ds_ciwbmg18_02_enus
			Cisco Webex Teams: Using the Collaboration Tools	0.55						ds_ciwbtm18_03_enus
			Becoming a Successful Collaborator	0.48	0.5	0.5				bs_apd31_a01_enus
			Microsoft Teams: Communicating via the App	0.4						ds_msteam20_03_enus
			Business Continuity Programs	0.08						bs_cont20_01_enus
		Working Remotely								
			Take a Deep Breath and Manage Your Stress	0.37		0.5		0.4		pd_30_a03_bs_enus
			Organizations Change So Get Ready	0.5	0.5	0.5		0.5		pd_31_a01_bs_enus
			Organize Your Physical and Digital Workspace	0.45		0.5		0.4		pd_32_a01_bs_enus
			The Art of Staying Focused	0.5	0.5	0.5				apd_08_a03_bs_enus
			Navigating Challenging Situations with Diplomacy and Tact	0.5	0.5					acm_16_a02_bs_enus
			Facing Virtual Team Challenges	0.45	0.5	0.25				ald_06_a02_bs_enus
			Exploring Virtual Collaboration	0.43	0.5	0.5				bs_dqt08_a01_enus
			Contributing as a Virtual Team Member	0.3	0.5					bs_atm04_a01_enus
		Workplace Safety and Compliance								
			Safety Short: Coronaviruses and COVID-19	0.43						ehs_hsf_e77_sh_enus
		Post-pandemic Workplace								
			Compliance Brief: Resuming Retail or Restaurant Operations Post-pandemic	0.32						ehs_hsf_e78_sh_enus
			Leading in the Post-pandemic Workplace	0.48						bs_ppd01_a01_enus
			Navigating the Post-pandemic Workplace	0.13						bs_ppd01_a02_enus
Legal Compliance										
Legal Compliance Courseware										
	Compliance									
		Global Content								
			Global Anti-bribery	0.33						lchr_01_b82_lc_enus
			Global Anti-Money Laundering	0.3						lchr_01_b50_lc_enus
			Global Antitrust	0.38						lchr_01_a50_lc_enus
			Global Business Ethics	0.33						lchr_01_b01_lc_enus
			Global Conflicts of Interest	0.33						lchr_01_a58_lc_enus
			Global Cybersecurity Basics	0.25						lchr_01_b83_lc_enus
			Global Diversity	0.47						lchr_01_a96_lc_enus
			Global Export Compliance	0.77						lchr_01_a87_lc_enus
			Global Fraud	0.4						lchr_01_a99_lc_enus
			Global Gifts and Business Gratuities	0.22						lchr_01_b52_lc_enus
			Global Import Compliance	0.52						lchr_01_a98_lc_enus
			Global Insider Dealing	0.4						lchr_01_a57_lc_enus
			Global Internet, Social Media, and Electronic Communication	0.42						lchr_01_b53_lc_enus
			Global Privacy and Information Security	0.43						lchr_01_a51_lc_enus
			Global Record Retention	0.22						lchr_01_b51_lc_enus
			Preventing Harassment in the Global Workplace – Employee Edition, Version 1.0	0.5						lch_01_a63_lc_enus
			Preventing Harassment in the Global Workplace – Manager Edition, Version 1.0	0.5						lch_01_a64_lc_enus
			Preventing Harassment in the Global Workplace – Employee Edition, Version 2.0	0.47						lch_01_a59_lc_enus
			Preventing Harassment in the Global Workplace – Manager Edition, Version 2.0	0.45						lch_01_a60_lc_enus
		EU Content								
			EU Antitrust	0.52						lchr_01_a60_lc_enus
			EU General Data Protection Regulation	0.42						lchr_01_b66_lc_enus
		Ethics & Code of Conduct								
			Code of Conduct Awareness	0.22						lchr_01_a38_lc_enus
			Financial Integrity	0.42						lchr_01_a86_lc_enus
			Integrity in the Workplace	0.98				1		lchr_01_a16_lc_enus
			Preventing Fraud and Abuse	0.28						lchr_01_b08_lc_enus
		Workplace Compliance Essentials								
			Active Shooter 2.0	0.25						ehs_sec_b06_sh_enus
			A Manager's Guide to Discipline and Documentation	0.52				0.5		lchr_01_a53_lc_enus
			Americans with Disabilities Act: An Overview for Managers	0.25						lchr_01_c57_lc_enus
			Affirmative Action for Federal Contractors	0.77						lchr_01_b13_lc_enus
			Bullying and Hazing on Campus	0.57						lchr_01_b09_lc_enus
			California Consumer Privacy Act	0.32						lchr_01_c38_lc_enus
			Commercial Insider Threat Awareness	0.35						lchr_01_c40_lc_enus
			Conflict Minerals	0.55						lchr_01_b06_lc_enus
			Controlled Unclassified Information	0.27						lchr_01_b91_lc_enus
			EEO and Lawful Hiring	0.18						lchr_01_b93_lc_enus
			FMLA Leave and More: An Overview of Legally Protected Leave	0.3						lchr_01_b94_lc_enus
			Foreign Corrupt Practices Act	0.82						lchr_01_a27_lc_enus
			Human Trafficking Awareness for Employees of Federal Contractors	0.47						lchr_01_b16_lc_enus
			I-9 Compliance: Verifying Employment Eligibility of US and Non-US Citizens	1.17						lchr_01_a20_lc_enus
			Independent Contractors and Temporary Employees	0.37						lchr_01_a31_lc_enus
			Insider Trading	0.48						lchr_01_a32_lc_enus
			Intellectual Property Overview	1.03						lchr_01_a29_lc_enus
			Interviewing: Doing it Right	0.28						lchr_01_b95_lc_enus
			PCI DSS Compliance	0.25						lchr_01_b87_lc_enus
			Preventing Bullying and Violence	0.3						lchr_01_b88_lc_enus
			Preventing Identity Theft	0.5						lchr_01_b18_lc_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Promoting Respect in the Workplace for Employees	0.27						lchr 01 b84 lc enus
			Promoting Respect in the Workplace for Managers	0.27						lchr 01 b85 lc enus
			Privacy and Information Security	0.45				0.4		lchr 01 b15 lc enus
			Privacy Training for Federal Contractors	0.32						lchr 01 b56 lc enus
			Procurement Integrity	0.57						lchr 01 a72 lc enus
			Promoting a Substance-free Workplace	0.35						lchr 01 c39 lc enus
			Record Retention	0.3						lchr 01 b04 lc enus
			Rightful Employment Termination	0.52						lchr 01 b05 lc enus
			Sarbanes-Oxley: What You Need to Know	0.95						lchr 01 a19 lc enus
			Security Awareness for End Users	0.5				0.5		lchr 01 b11 lc enus
			Slips, Trips, and Falls 2.0	0.22						ehs_hsf_c67_sh enus
			Supply Chain Transparency	0.43						lchr 01 a80 lc enus
			Union Awareness	0.68						lchr 01 a64 lc enus
			US Antitrust	0.5						lchr 01 a41 lc enus
			US Export Controls	0.95						lchr 01 a81 lc enus
			Wage & Hour for Employees	0.25						lchr 01 c70 lc enus
			Wage & Hour for Managers	0.37						lchr 01 d71 lc enus
			Workplace Security	0.35						lchr 01 b19 lc enus
		Harassment								
			NCAA Sexual Violence Prevention	0.32						lch 01 a39 lc enus
			Workplace Harassment Prevention for Employees, State of California	1.25						lch 01 a42 lc enus
			Workplace Harassment Prevention for Employees, State of Delaware	0.63						lch 01 a43 lc enus
			Workplace Harassment Prevention for Employees, Version 3.0	0.43				0.5		lch 01 a24 lc enus
			Workplace Harassment Prevention for Managers - Multi-State Edition, Version 3.0	2						lch 01 a32 lc enus
			Workplace Harassment Prevention for Managers, State of Delaware	1.12						lch 01 a44 lc enus
			Workplace Harassment Prevention for Managers – Version 3.0	1.03				1.1		lch 01 a25 lc enus
		Modular Harassment Courses - NOT AUTO FULFILLABLE								
			Harassment Prevention for California Employees – Office 1	1.2						lch 01 a47e lc enus
			Harassment Prevention for California Employees – Office 2	1.27						lch 01 a47r lc enus
			Harassment Prevention for California Employees – Workplace	1.3						lch 01 a47b lc enus
			Harassment Prevention for California Managers – Office 1	2.47						lch 01 a48e lc enus
			Harassment Prevention for California Managers – Office 2	2.38						lch 01 a48r lc enus
			Harassment Prevention for California Managers – Workplace	2.35						lch 01 a48b lc enus
			Harassment Prevention for Connecticut Employees – Office 1	2.15						lch 01 a51e lc enus
			Harassment Prevention for Connecticut Employees – Office 2	2.13						lch 01 a51r lc enus
			Harassment Prevention for Connecticut Employees – Workplace	2.17						lch 01 a51b lc enus
			Harassment Prevention for Connecticut Managers – Office 1	2.33						lch 01 a52e lc enus
			Harassment Prevention for Connecticut Managers – Office 2	2.33						lch 01 a52r lc enus
			Harassment Prevention for Connecticut Managers – Workplace	2.38						lch 01 a52b lc enus
			Harassment Prevention for Delaware Employees – Office 1	0.77						lch 01 a49e lc enus
			Harassment Prevention for Delaware Employees – Office 2	0.75						lch 01 a49r lc enus
			Harassment Prevention for Delaware Employees – Workplace	0.8						lch 01 a49b lc enus
			Harassment Prevention for Delaware Managers – Office 1	1.47						lch 01 a50e lc enus
			Harassment Prevention for Delaware Managers – Office 2	1.27						lch 01 a50r lc enus
			Harassment Prevention for Delaware Managers – Workplace	1.25						lch 01 a50b lc enus
			Harassment Prevention for Illinois Employees – Office 1	0.83						lch 01 a66e lc enus
			Harassment Prevention for Illinois Employees – Office 2	0.85						lch 01 a66r lc enus
			Harassment Prevention for Illinois Employees – Workplace	0.87						lch 01 a66b lc enus
			Harassment Prevention for Illinois Managers – Office 1	1.52						lch 01 a67e lc enus
			Harassment Prevention for Illinois Managers – Office 2	1.32						lch 01 a67r lc enus
			Harassment Prevention for Illinois Managers – Workplace	1.48						lch 01 a67b lc enus
			Harassment Prevention for Maine Employees – Office 1	0.78						lch 01 a53e lc enus
			Harassment Prevention for Maine Employees – Office 2	0.77						lch 01 a53r lc enus
			Harassment Prevention for Maine Employees – Workplace	0.8						lch 01 a53b lc enus
			Harassment Prevention for Maine Managers – Office 1	1.28						lch 01 a54e lc enus
			Harassment Prevention for Maine Managers – Office 2	1.3						lch 01 a54r lc enus
			Harassment Prevention for Maine Managers – Workplace	1.32						lch 01 a54b lc enus
			Harassment Prevention for New York State & New York City Employees – Office 1	0.87						lch 01 a61e lc enus
			Harassment Prevention for New York State & New York City Employees – Office 2	0.87						lch 01 a61r lc enus
			Harassment Prevention for New York State & New York City Employees – Workplace	0.9						lch 01 a61b lc enus
			Harassment Prevention for New York State & New York City Managers – Office 1	1.37						lch 01 a62e lc enus
			Harassment Prevention for New York State & New York City Managers – Office 2	1.37						lch 01 a62r lc enus
			Harassment Prevention for New York State & New York City Managers – Workplace	1.35						lch 01 a62b lc enus
			Harassment Prevention for US Employees – Office 1	0.68						lch 01 a57e lc enus
			Harassment Prevention for US Employees – Office 2	0.73						lch 01 a57r lc enus
			Harassment Prevention for US Employees – Workplace	0.75						lch 01 a57b lc enus
			Harassment Prevention for US Managers – Office 1	1.2						lch 01 a58e lc enus
			Harassment Prevention for US Managers – Office 2	1.25						lch 01 a58r lc enus
			Harassment Prevention for US Managers – Workplace	1.38						lch 01 a58b lc enus
			Harassment: Bystander Intervention for Employees	0.15						lch 01 a65 lc enus
			Harassment: Bystander Intervention for Managers	0.18						lch 01 a56 lc enus
		Health Insurance Portability and Accountability Act								
			HIPAA Privacy Essentials	1.1				1		lchp 01 a01 lc enus
			HIPAA – Privacy Rule for Business Associates	0.38						lchp 01 a02 lc enus
			HIPAA - Privacy Rule for Covered Entities	0.48						lchp 01 a03 lc enus
			HIPAA - Security Rule for Business Associates	0.45						lchp 01 a04 lc enus
			HIPAA - Security Rule for Covered Entities	0.4						lchp 01 a05 lc enus

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			HIPAA for Non-Medical Employers	0.43						lchp_01_a06_lc_enus
		State/Local Government and Higher Education								
			Campus Security Obligations Under Federal Law	0.68						lchr_01_a93_lc_enus
			Code of Conduct Awareness – Higher Education Edition	0.25						lchr_01_a91_lc_enus
			FERPA for Higher Education	0.52						lchr_01_a85_lc_enus
			Harassment Prevention for Employees - Higher Education Edition	0.52						lch_01_a12_lc_enus
			Harassment Prevention for Employees - State and Local Government Edition	0.52						lch_01_a14_lc_enus
			Harassment Prevention for Managers - Higher Education Edition	0.88						lch_01_a13_lc_enus
			Harassment Prevention for Managers - State and Local Government Edition	0.88						lch_01_a15_lc_enus
			Improper Business Practices in Government Contracting	0.6						lchr_01_c02_lc_enus
			Protecting the Rights of Minors on Campus	0.43						lchr_01_b68_lc_enus
			Student Rights Overview	0.4						lchr_01_a94_lc_enus
			Time Charging for Federal Contractors	0.13						lchr_01_b54_lc_enus
			Title IV and Financial Aid	0.32						lchr_01_b69_lc_enus
			Title IX for Higher Education	0.38						lchr_01_a79_lc_enus
		Unconscious Bias								
			Understanding Unconscious Bias	0.42	0.5	0.5				apd_14_a01_bs_enus
			Overcoming Your Own Unconscious Biases	0.37	0.5	0.5				apd_14_a02_bs_enus
			Overcoming Unconscious Bias in the Workplace	0.42	0.5					apd_14_a03_bs_enus
		Diversity on the Job								
			Bridging the Diversity Gap	0.45	0.5	0.5		0.4		apd_01_a01_bs_enus
			Your Role in Workplace Diversity	0.5	0.5	0.5		0.4		apd_01_a02_bs_enus
		German Compliance								
			AGG (GETA) – Information for Employees	1.05						lchr_01_a39_lc_enus
			AGG (GETA) - Information for Management	1.75						lchr_01_a42_lc_enus
		Compliance Impact Series								
			COMPLIANCE IMPACT: Antitrust – Rigging the Bid	0.1						lchr_ci_a02_lc_enus
			COMPLIANCE IMPACT: Antitrust – Trade Association Meeting	0.1						lchr_ci_a12_lc_enus
			COMPLIANCE IMPACT: Bribery – The High Commission Red Flag	0.1						lchr_ci_a13_lc_enus
			COMPLIANCE IMPACT: Bribery – The Shipment	0.1						lchr_ci_a11_lc_enus
			COMPLIANCE IMPACT: Business Ethics – Adjusting the Figures	0.1						lchr_ci_a08_lc_enus
			COMPLIANCE IMPACT: Conflict of Interest – Just Helping a Friend	0.1						lchr_ci_a05_lc_enus
			COMPLIANCE IMPACT: Harassment -- A Legacy of Hurt	0.03						lchr_ci_a49_lc_enus
			COMPLIANCE IMPACT: Harassment -- Danielle's Story	0.1						lchr_ci_a41_lc_enus
			COMPLIANCE IMPACT: Harassment - Handling the Complaint	0.1						lchr_ci_a17_lc_enus
			COMPLIANCE IMPACT: Harassment - It's No Joke	0.1						lchr_ci_a16_lc_enus
			COMPLIANCE IMPACT: Harassment -- Myrah's Story	0.08						lchr_ci_a42_lc_enus
			COMPLIANCE IMPACT: Harassment -- Rachanee's Story	0.1						lchr_ci_a43_lc_enus
			COMPLIANCE IMPACT: Harassment -- Ronnel's Story	0.07						lchr_ci_a44_lc_enus
			COMPLIANCE IMPACT: Harassment -- Rusty's Story	0.08						lchr_ci_a45_lc_enus
			COMPLIANCE IMPACT: Harassment -- Sam's Story	0.05						lchr_ci_a46_lc_enus
			COMPLIANCE IMPACT: Harassment -- Sarah's Story	0.1						lchr_ci_a47_lc_enus
			COMPLIANCE IMPACT: Harassment -- Sophia's Story	0.1						lchr_ci_a48_lc_enus
			COMPLIANCE IMPACT: Information Security – The Break-In	0.1						lchr_ci_a03_lc_enus
			COMPLIANCE IMPACT: Insider Dealing - The Memo	0.1						lchr_ci_a14_lc_enus
			COMPLIANCE IMPACT: Insider Dealing – The Tipping Point	0.1						lchr_ci_a04_lc_enus
			COMPLIANCE IMPACT: PCI – Verifying the Transaction	0.1						lchr_ci_a09_lc_enus
			COMPLIANCE IMPACT: Political Activities – Keep It Personal	0.1						lchr_ci_a20_lc_enus
			COMPLIANCE IMPACT: Reasonable Accommodation – The Ask	0.1						lchr_ci_a06_lc_enus
			COMPLIANCE IMPACT: Reporting Misconduct – Trust Your Instincts	0.1						lchr_ci_a19_lc_enus
			COMPLIANCE IMPACT: Respectful Workplace – One Bad Apple	0.1						lchr_ci_a18_lc_enus
			COMPLIANCE IMPACT: Respectful Workplace – Reuben's Story	0.1						lchr_ci_a01_lc_enus
			COMPLIANCE IMPACT: Respectful Workplace – The Bully	0.1						lchr_ci_a21_lc_enus
			COMPLIANCE IMPACT: Social Media - Blogger Gone Bad	0.1						lchr_ci_a15_lc_enus
			COMPLIANCE IMPACT: Using the Internet – Beware the Share	0.1						lchr_ci_a07_lc_enus
			COMPLIANCE IMPACT: Wage and Hour - Working Off the Clock	0.1						lchr_ci_a22_lc_enus
			COMPLIANCE IMPACT: Workplace Violence – The Warning Signs	0.1						lchr_ci_a10_lc_enus
			COMPLIANCE IMPACT: Harassment -- Chris's Story	0.1						lchr_ci_a40_lc_enus
		Compliance Expert Series								
			COMPLIANCE EXPERT: Bullying - Not in the Workplace	0.08						lchr_ci_a38_lc_enus
			COMPLIANCE EXPERT: Bullying - The Manager's Role	0.15						lchr_ci_a39_lc_enus
			COMPLIANCE EXPERT: Diversity - Ensuring a Diverse Applicant Pool	0.05						lchr_ci_a37_lc_enus
			COMPLIANCE EXPERT: Diversity - Its Value in the Workplace	0.05						lchr_ci_a33_lc_enus
			COMPLIANCE EXPERT: Diversity - Overcoming Barriers	0.05						lchr_ci_a34_lc_enus
			COMPLIANCE EXPERT: Export Compliance - The Decision Tree	0.15						lchr_ci_a25_lc_enus
			COMPLIANCE EXPERT: Export Compliance - What's the Risk?	0.03						lchr_ci_a26_lc_enus
			COMPLIANCE EXPERT: Harassment - A Case Study	0.15						lchr_ci_a28_lc_enus
			COMPLIANCE EXPERT: Harassment - A Case Study for Managers	0.2						lchr_ci_a30_lc_enus
			COMPLIANCE EXPERT: Harassment and Retaliation	0.12						lchr_ci_a27_lc_enus
			COMPLIANCE EXPERT: Harassment and Retaliation for Managers	0.17						lchr_ci_a29_lc_enus
			COMPLIANCE EXPERT: Import Compliance - Country of Origin	0.07						lchr_ci_a35_lc_enus
			COMPLIANCE EXPERT: Import Compliance - Product Classification	0.05						lchr_ci_a36_lc_enus
			COMPLIANCE EXPERT: IT Security - Safeguarding Mobile Devices	0.1						lchr_ci_a32_lc_enus
			COMPLIANCE EXPERT: IT Security - Phishing	0.08						lchr_ci_a31_lc_enus
			COMPLIANCE EXPERT: Privacy & Information Security - Examples	0.08						lchr_ci_a24_lc_enus
			COMPLIANCE EXPERT: Privacy & Information Security - The Basics	0.07						lchr_ci_a23_lc_enus
		Compliance Short Series								

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			COMPLIANCE SHORT: Accommodating Disabilities	0.08						lchr_01_b79_lc_enus
			COMPLIANCE SHORT: Accounting and Financial Integrity	0.07						lchr_01_c29_lc_enus
			COMPLIANCE SHORT: Anti-bribery	0.12						lchr_01_c06_lc_enus
			COMPLIANCE SHORT: Anti-bribery2	0.12						lchr_01_c07_lc_enus
			COMPLIANCE SHORT: Anti-money Laundering	0.13						lchr_01_c24_lc_enus
			COMPLIANCE SHORT: Antitrust	0.07						lchr_01_c08_lc_enus
			COMPLIANCE SHORT: Antitrust 2	0.08						lchr_01_c09_lc_enus
			COMPLIANCE SHORT: Avoiding Conflicts of Interest	0.08						lchr_01_c13_lc_enus
			COMPLIANCE SHORT: Business Ethics	0.08						lchr_01_c19_lc_enus
			COMPLIANCE SHORT: Cybersecurity	0.12						lchr_01_c27_lc_enus
			COMPLIANCE SHORT: Cybersecurity 2	0.12						lchr_01_b77_lc_enus
			COMPLIANCE SHORT: GDPR	0.12						lchr_01_c03_lc_enus
			COMPLIANCE SHORT: Gifts, Gratuities, and Entertainment	0.1						lchr_01_c22_lc_enus
			COMPLIANCE SHORT: Government Contracting	0.1						lchr_01_c25_lc_enus
			COMPLIANCE SHORT: Insider Trading	0.1						lchr_01_c12_lc_enus
			COMPLIANCE SHORT: Intellectual Property Protection	0.1						lchr_01_b76_lc_enus
			COMPLIANCE SHORT: International Trade Compliance	0.12						lchr_01_c26_lc_enus
			COMPLIANCE SHORT: Preventing Harassment and Promoting Respect	0.08						lchr_01_c14_lc_enus
			COMPLIANCE SHORT: Preventing Harassment and Promoting Respect 2	0.1						lchr_01_c15_lc_enus
			COMPLIANCE SHORT: Privacy and Information Security	0.1						lchr_01_c10_lc_enus
			COMPLIANCE SHORT: Privacy and Information Security 2	0.12						lchr_01_c11_lc_enus
			COMPLIANCE SHORT: Promoting Diversity and Avoiding Discrimination	0.1						lchr_01_c23_lc_enus
			COMPLIANCE SHORT: Promoting Safety and Security at Work	0.12						lchr_01_c28_lc_enus
			COMPLIANCE SHORT: Promoting the Reporting of Misconduct	0.08						lchr_01_c21_lc_enus
			COMPLIANCE SHORT: Protecting Customer Information	0.1						lchr_01_b80_lc_enus
			COMPLIANCE SHORT: Protecting Human Rights	0.08						lchr_01_b78_lc_enus
			COMPLIANCE SHORT: Protection of Company Information	0.1						lchr_01_c18_lc_enus
			COMPLIANCE SHORT: Records Management	0.1						lchr_01_c20_lc_enus
			COMPLIANCE SHORT: Religious Accommodation	0.07						lchr_01_c05_lc_enus
			COMPLIANCE SHORT: Social Media and Electronic Communications	0.1						lchr_01_c16_lc_enus
			COMPLIANCE SHORT: Social Media and Electronic Communications 2	0.12						lchr_01_c17_lc_enus
			COMPLIANCE SHORT: Unconscious Bias	0.08						lchr_01_c04_lc_enus
Environmental, Safety & Health and Transportation										
Environmental, Safety & Health and Transportation Courseware										
	Environmental, Safety & Health, and Transportation									
		Workplace Health and Safety								
			Access to Employee Medical and Exposure Records	0.3						ehs_hsf_c10_sh_enus
			Aerial Work Platforms	0.28						ehs_hsf_c11_sh_enus
			Ammonia Safety	0.53						ehs_hsf_d80_sh_enus
			Asbestos	0.73						ehs_hsf_c73_sh_enus
			Back Safety and Injury Prevention 2.0	0.25						ehs_hsf_c91_sh_enus
			Behavior-based Safety for Supervisors	0.38						ehs_hsf_d63_sh_enus
			Benzene Awareness	0.88						ehs_hsf_d78_sh_enus
			Beryllium	0.43						ehs_hsf_b10_sh_enus
			Bloodborne Pathogen Awareness 2.0	0.42						ehs_hsf_c92_sh_enus
			Carcinogen Safety	0.48						esh_sah_a81_sh_enus
			Chlorine Safety	1.25						esh_sah_a03_sh_enus
			Cold Stress	0.52						ehs_hsf_d25_sh_enus
			Combustible Dust	0.3						ehs_hsf_d94_sh_enus
			Compressed Gas Safety	0.47						ehs_hsf_c12_sh_enus
			Computer Ergonomics	0.32						ehs_hsf_c44_sh_enus
			Confined Spaces 2.0	0.6						ehs_hsf_b98_sh_enus
			Confined Spaces in Construction 2.0	0.43						ehs_hsf_c46_sh_enus
			Construction: Caught-in or Caught-between	0.38						ehs_hsf_d22_sh_enus
			Construction: Cranes Orientation	0.52						ehs_hsf_d23_sh_enus
			Construction: Electrocution	0.55						ehs_hsf_d20_sh_enus
			Construction: Lead Awareness	0.68						ehs_hsf_d13_sh_enus
			Construction: Struck By	0.43						ehs_hsf_d21_sh_enus
			Construction Safety Orientation	1.02						ehs_hsf_c09_sh_enus
			Contractor Safety	0.33						ehs_hsf_e03_sh_enus
			Crane Signaling and Communications	0.32						esh_sah_b67_sh_enus
			Cryogenic Safety	1						esh_sah_a04_sh_enus
			Disaster Site Workers	0.45						ehs_hsf_a60_sh_enus
			Electric Pallet Jack Safety	0.4						ehs_hsf_a58_sh_enus
			Electrical Safety 2.0	0.5						ehs_hsf_b94_sh_enus
			Electrical Safety: Qualified Worker – Part 1	0.68						ehs_hsf_a69_sh_enus
			Electrical Safety: Qualified Worker – Part 2	1.32						ehs_hsf_a72_sh_enus
			Electrostatic Discharge Safety	0.62						ehs_hsf_d83_sh_enus
			Emergency and Disaster Preparedness	0.37						ehs_hsf_a98_sh_enus
			Emergency Response in the Workplace	0.37						ehs_hsf_c68_sh_enus
			Ergonomics in the Workplace 2.0	0.33						ehs_hsf_c47_sh_enus
			Ergonomics for Housekeeping Work 2.0	0.52						ehs_hsf_d15_sh_enus
			Fall Prevention	0.32						ehs_hsf_a99_sh_enus
			Fatigue Management	0.42						ehs_hsf_a90_sh_enus
			Fire Safety and Prevention 2.0	0.27						ehs_hsf_a93_sh_enus
			First Aid: Automated External Defibrillator	0.28						ehs_hsf_d82_sh_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			First Aid: Basic	1.27						ehs_hsf_c75_sh_enus
			First Aid: CPR	0.33						ehs_hsf_d31_sh_enus
			First Aid: CPR (Compression-only)	0.17						ehs_hsf_d46_sh_enus
			First Aid: Medical Emergencies	0.7						ehs_hsf_d37_sh_enus
			First Aid: Mental Health Awareness	0.48						ehs_hsf_d24_sh_enus
			Flammable Liquids	0.82						ehs_hsf_a08_sh_enus
			Food Allergen Safety	0.72						esh_sah_b91_sh_enus
			Food Safety and Handling	0.67						ehs_hsf_d79_sh_enus
			Foodservice Worker Safety	0.47						esh_sah_b58_sh_enus
			Forklift Operation 1: Safety Inspection and Maintenance	0.47						ehs_hsf_d68_sh_enus
			Forklift Operation 2: Stability and Capacity	0.38						ehs_hsf_d72_sh_enus
			Forklift Operation 3: Load Handling	0.37						ehs_hsf_d71_sh_enus
			Forklift Operation 4: Traveling and Maneuvering	0.42						ehs_hsf_d73_sh_enus
			Forklift Safety Awareness 2.0	0.38						ehs_hsf_b95_sh_enus
			Globally Harmonized System of Classification and Labeling of Chemicals (GHS)	0.6						ehs_hsf_d17_sh_enus
			Hand and Power Tool Safety	0.3						ehs_hsf_b01_sh_enus
			Hazard Communication: An Employee's Right to Understand 2.0	0.38						ehs_hsf_c94_sh_enus
			Hazardous Material Handling and Storage	0.67						ehs_hsf_d42_sh_enus
			Hazardous Materials and Spills in the Workplace	1						ehs_hsf_d38_sh_enus
			Hazards to Outdoor Workers	0.47						ehs_hsf_d77_sh_enus
			Hearing Conservation 2.0	0.25						ehs_hsf_c95_sh_enus
			Heat Stress Recognition and Prevention	0.27						ehs_hsf_c06_sh_enus
			Hexavalent Chromium	0.73						esh_sah_a41_sh_enus
			Hot Work Permits	0.55						ehs_hsf_d08_sh_enus
			Housekeeping on the Job	0.42						ehs_hsf_a59_sh_enus
			Hydrogen Sulfide	0.43						ehs_hsf_d57_sh_enus
			Incident Investigation and Reporting	0.55						ehs_hsf_c77_sh_enus
			Indoor Hoisting and Rigging	0.42						ehs_hsf_c03_sh_enus
			Industrial Ergonomics	0.43						ehs_hsf_d43_sh_enus
			Industrial Robot Safety Awareness	0.57						ehs_hsf_c08_sh_enus
			Infectious Diseases	1.12						ehs_hsf_a82_sh_enus
			Injury and Illness Prevention Program	0.35						ehs_hsf_d69_sh_enus
			Introduction to Industrial Hygiene	0.65						ehs_hsf_d91_sh_enus
			Introduction to OSHA	0.85						ehs_hsf_d93_sh_enus
			Isocyanates	0.52						esh_sah_b89_sh_enus
			Job Hazard Analysis	0.22						ehs_hsf_c39_sh_enus
			Laboratory Safety	0.38						ehs_hsf_c02_sh_enus
			Ladder Safety 2.0	0.33						ehs_hsf_b96_sh_enus
			Laser Safety	0.38						ehs_hsf_c48_sh_enus
			Lead and Cadmium	1.08						esh_sah_a02_sh_enus
			Lead Awareness in General Industry	0.67						ehs_hsf_d06_sh_enus
			Liquefied Petroleum Gas (LPG) Safety	0.35						esh_sah_a89_sh_enus
			Lockout/Tagout 2.0	0.42						ehs_hsf_c01_sh_enus
			Lockout/Tagout for Authorized Persons 2.0	0.92						ehs_hsf_c78_sh_enus
			Machine Guarding 2.0	0.47						ehs_hsf_a66_sh_enus
			Mobile Crane Operator Safety	0.72						esh_sah_b68_sh_enus
			Mold Awareness	0.37						ehs_hsf_d99_sh_enus
			Navigating OSHA's Injury Reporting Standards and Post-accident Protocols	0.35						ehs_hsf_c15_sh_enus
			NFPA 70E Electrical Safety in the Workplace 2018 Edition	1						ehs_hsf_b11_sh_enus
			Non-Ionizing Radiation Safety	0.65						ehs_hsf_d14_sh_enus
			Nuisance Dust	0.47						ehs_hsf_a61_sh_enus
			Office Ergonomics	0.3						ehs_hsf_c04_sh_enus
			Office Safety 2.0	0.52						ehs_hsf_b99_sh_enus
			OSHA 300 Recordkeeping	1.05						ehs_hsf_d16_sh_enus
			Pandemics	1.2						ehs_hsf_e16_sh_enus
			Patient Handling	0.35						ehs_hsf_a83_sh_enus
			Portable Fire Extinguishers 2.0	0.67						ehs_hsf_c72_sh_enus
			Powered Industrial Truck Safety	1.08						ehs_hsf_d28_sh_enus
			PPE: Body Protection	0.38						ehs_hsf_d55_sh_enus
			PPE: Eye and Face Protection	0.42						ehs_hsf_c79_sh_enus
			PPE: Foot Protection	0.57						ehs_hsf_d41_sh_enus
			PPE: Hand Protection	0.4						ehs_hsf_d26_sh_enus
			PPE: Head Protection	0.35						ehs_hsf_d59_sh_enus
			PPE: Personal Protective Equipment 2.0	0.42						ehs_hsf_c97_sh_enus
			Process Safety Management (PSM) Programs	0.78						ehs_hsf_d97_sh_enus
			Process Safety Management Overview	0.58						ehs_hsf_d87_sh_enus
			Radiation Safety	0.82						ehs_hsf_d07_sh_enus
			Radio Frequency Safety for Communications Workers	0.55						esh_sah_b49_sh_enus
			Regulatory Information	0.4						esh_sah_a91_sh_enus
			Respiratory Protection 2.0	0.55						ehs_hsf_b97_sh_enus
			Retail Safety	0.5						ehs_hsf_c49_sh_enus
			Rigging Equipment and Inspection	0.5						ehs_hsf_d89_sh_enus
			Safe Work Practices	0.47						ehs_hsf_c66_sh_enus
			Safety at Work: A Systematic Approach	0.43						ehs_hsf_d70_sh_enus
			Safety Data Sheets	0.73						ehs_hsf_d45_sh_enus
			Scaffolding Safety	0.25						ehs_hsf_c05_sh_enus
			Scissor Lifts	0.33						ehs_hsf_d65_sh_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Signs and Tags	0.2						ehs_hsf_d86_sh_enus
			Silica in Construction	0.47						ehs_hsf_a89_sh_enus
			Silica in General Industry	0.42						ehs_hsf_a88_sh_enus
			Slips, Trips, and Falls 2.0	0.22						ehs_hsf_c67_sh_enus
			Sprains and Strains	0.52						ehs_hsf_d48_sh_enus
			Stop Work Authority	0.32						ehs_hsf_e08_sh_enus
			Trenching and Excavation Safety	0.35						ehs_hsf_c07_sh_enus
			Tuberculosis: Prevention and Control	0.32						ehs_hsf_d40_sh_enus
			Warehouse Safety	0.43						ehs_hsf_d56_sh_enus
			Welding, Cutting, and Brazing	0.53						ehs_hsf_d09_sh_enus
			Working Alone – Safety Awareness	0.28						ehs_hsf_d85_sh_enus
			Workplace Inspections	0.45						ehs_hsf_d10_sh_enus
			Workplace Safety Orientation 2.0	0.58						ehs_hsf_c43_sh_enus
			Cal/OSHA Workplace Health and Safety							
			Accident Investigation and Reporting – Cal/OSHA	0.53						ehs_cal_a14_sh_enus
			Asbestos – Cal/OSHA	0.62						ehs_cal_a01_sh_enus
			Bloodborne Pathogen Awareness 2.0 - Cal/OSHA	0.6						ehs_cal_a25_sh_enus
			Confined Spaces – Cal/OSHA	0.8						ehs_cal_a10_sh_enus
			Electrical Safety 2.0 – Cal/OSHA	0.58						ehs_cal_a33_sh_enus
			Emergency and Disaster Preparedness - Cal/OSHA	0.58						ehs_cal_a31_sh_enus
			Ergonomics in the Workplace 2.0 - Cal/OSHA	0.45						ehs_cal_a23_sh_enus
			Fall Prevention – Cal/OSHA	0.52						ehs_cal_a34_sh_enus
			Flagger – Cal/OSHA	1.3						ehs_cal_a16_sh_enus
			Forklift Safety Awareness - Cal/OSHA	0.6						ehs_cal_a19_sh_enus
			Hazard Communication: An Employee's Right to Understand 2.0 - Cal/OSHA	0.52						ehs_cal_a26_sh_enus
			Hearing Conservation 2.0 - Cal/OSHA	0.42						ehs_cal_a35_sh_enus
			Heat Stress Recognition and Prevention – Cal/OSHA	0.43						ehs_cal_a24_sh_enus
			Heat Illness Prevention for Supervisors – Cal/OSHA	0.35						ehs_cal_a22_sh_enus
			Injury and Illness Prevention Program (IIPP) – Cal/OSHA	0.45						ehs_cal_a29_sh_enus
			Laboratory Safety – Cal/OSHA	0.37						ehs_cal_a20_sh_enus
			Lockout/Tagout 2.0 – Cal/OSHA	0.43						ehs_cal_a30_sh_enus
			Office Safety 2.0 - Cal/OSHA	0.62						ehs_cal_a27_sh_enus
			PPE: Personal Protective Equipment 2.0 - Cal/OSHA	0.63						ehs_cal_a32_sh_enus
			Respiratory Protection – Cal/OSHA	0.8						ehs_cal_a21_sh_enus
			Slips, Trips, and Falls 2.0 – Cal/OSHA	0.4						ehs_cal_a28_sh_enus
			Trenching and Excavation Safety – Cal/OSHA	0.4						ehs_cal_a12_sh_enus
			Hazardous Waste Operations and Emergency Response Annual 8-hour Refresher Module							
			Decontamination (HAZWOPER)	0.42						ehs_hsf_d47_sh_enus
			Emergency Response and Spill Control (HAZWOPER)	0.42						ehs_hsf_d67_sh_enus
			Fire and Explosion Hazards (HAZWOPER)	0.43						ehs_hsf_e05_sh_enus
			Hazard Communication (HAZWOPER)	0.72						esh_sah_a80_sh_enus
			Heat and Cold Exposure Management (HAZWOPER)	0.53						ehs_hsf_d95_sh_enus
			Personal Protective Equipment (HAZWOPER)	0.53						ehs_hsf_d62_sh_enus
			Regulatory Overview (HAZWOPER)	0.52						ehs_hsf_d81_sh_enus
			Site Control (HAZWOPER)	0.5						esh_sah_b11_sh_enus
			Site Safety and Health Plan Procedures (HAZWOPER)	0.32						esh_sah_b12_sh_enus
			Toxicology (HAZWOPER)	0.43						esh_sah_b13_sh_enus
		Environmental								
			Biosafety Hazardous Waste Handling and Disposal	0.4						ehs_hsf_d88_sh_enus
			Environmental Management Systems (EMS)	0.88						ehs_hsf_d64_sh_enus
			Environmental Regulations Overview	0.58						ehs_hsf_d54_sh_enus
			Hazardous Waste Generator (RCRA)	0.42						ehs_hsf_d27_sh_enus
			Ozone-depleting Chemicals	0.63						ehs_hsf_a80_sh_enus
			Spill Prevention and Control	0.45						ehs_hsf_d44_sh_enus
			Spill Prevention, Control, and Countermeasure Plan	0.45						ehs_hsf_d39_sh_enus
			Stormwater Pollution Prevention	0.58						ehs_hsf_d60_sh_enus
			Toxic Substances Control Act (TSCA)	0.45						ehs_hsf_a63_sh_enus
			Universal Waste Rule	0.5						ehs_hsf_d52_sh_enus
			Used Oil Management	0.37						ehs_hsf_d90_sh_enus
			Waste Minimization and Pollution Prevention for Employees	0.3						esh_env_a02_sh_enus
		Transportation - Safe Driving								
			Accident Procedures Involving Large Vehicles	0.52						esh_sah_b52_sh_enus
			Collision Avoidance	0.47						ehs_hsf_d51_sh_enus
			Defensive Driving 2.0	0.27						ehs_hsf_c96_sh_enus
			Defensive Driving: Truck Safety	1.35						ehs_hsf_c80_sh_enus
			Distracted Driving 2.0	0.32						ehs_hsf_c74_sh_enus
			Driving Safely, Driving Smarter	0.82						ehs_hsf_c70_sh_enus
			Emergency Situations While Driving	0.43						ehs_hsf_d30_sh_enus
			Ergonomics and Injury Prevention for Commercial Vehicle Operators	0.62						esh_sah_b70_sh_enus
			Flagging Safety	1.3						esh_sah_a75_sh_enus
			Flatbed Cargo Securement	0.38						ehs_hsf_d76_sh_enus
			Hazardous Weather Driving for Commercial Vehicle Operators	0.8						esh_sah_b72_sh_enus
			Loading Dock Safety	0.52						esh_sah_b75_sh_enus
			Negotiating Hazards for Commercial Vehicles	0.7						esh_sah_b74_sh_enus
			Safe Backing of Tractor-Trailers	0.43						ehs_hsf_d19_sh_enus
			Safe Vehicle Backing	0.45						ehs_hsf_d29_sh_enus
			Trailer Coupling and Uncoupling	0.68						esh_sah_b69_sh_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Urban Driving	0.35						ehs hsf d61 sh enus
		Federal Motor Carrier Safety								
			DOT: Air Brakes	0.52						esh sah b53 sh enus
			DOT: Cross-border Requirements (US and Canada)	0.5						ehs trn a02 sh enus
			DOT: CSA Fundamentals	0.4						ehs hsf d50 sh enus
			DOT: Hours of Service	0.57						ehs hsf d12 sh enus
			DOT: Inspections	0.38						ehs hsf e06 sh enus
			DOT: Reasonable Suspicion (Drug and Alcohol Awareness)	2.15						ehs trn a06 sh enus
		Hazardous Materials Transportation by Road								
			DOT: Security for Shipment of Hazardous Materials	0.9						ehs hsf d36 sh enus
			DOT 1: Introduction, Classification, and the Hazardous Materials Table	0.68						ehs hsf d32 sh enus
			DOT 2: Packaging, Labeling, Marking, and Placarding	0.88						ehs hsf d33 sh enus
			DOT 3: Shipping Papers	0.43						ehs hsf d35 sh enus
			DOT 4: Loading and Storage	0.53						ehs hsf d34 sh enus
			Hazardous Materials: How to Package Small Quantities	0.78						ehs trn a01 sh enus
			Hazardous Materials: Infectious Materials Transportation by Ground	0.77						ehs trn a04 sh enus
			Hazardous Materials: Shipping Lithium Batteries under DOT Exemptions	0.78						ehs trn a03 sh enus
		Hazardous Materials Transportation by Air								
			Hazardous Materials: Shipping Lithium Batteries by Air	0.48						ehs trn a05 sh enus
			IATA 1: Hazard Class Identification/Classification	0.72						esh sah a94 sh enus
			IATA 2: Marking and Labeling	0.43						esh sah a95 sh enus
			IATA 3: Packaging	0.57						esh sah a96 sh enus
			IATA 4: Documentation	0.35						esh sah a97 sh enus
			IATA 5: Limitations and Shipment Review	0.47						esh sah a98 sh enus
		Dangerous Goods Shipment by Sea								
			IMDG 1: Introduction, General Provisions, and Classifications	1.07						esh sah a57 sh enus
			IMDG 2: Dangerous Goods List, Special Provisions and Exceptions	1.18						esh sah a58 sh enus
			IMDG 3: Packaging, Marking, Labeling, Placarding, and Documentation	1.53						esh sah a59 sh enus
			IMDG 4: Loading, Unloading, and Offering Dangerous Goods	1.03						esh sah a79 sh enus
		Security								
			Active Shooter on Campus	0.4						ehs hsf d75 sh enus
			Active Shooter 2.0	0.25						ehs sec b06 sh enus
			Business Travel Safety and Security	0.68						ehs hsf d11 sh enus
			Campus Safety	0.5						ehs sec a01 sh enus
			NFPA 1600 Business Continuity Programs	1.07						esh sec a02 sh enus
			NFPA 1600 Disaster/Emergency Management	1						esh sec a01 sh enus
			Security Personnel: Responding to Potential Threats	0.37						ehs sec a04 sh enus
			Workplace Security Awareness	0.7						ehs hsf c76 sh enus
			Workplace Violence Prevention in Healthcare	0.27						ehs sec a05 sh enus
		Compliance Briefs								
			Compliance Brief: Filtering Facepiece Respirators and Masks	0.2						ehs hsf e80 sh enus
			Compliance Brief: Resuming Retail or Restaurant Operations Post-pandemic	0.32						ehs hsf e78 sh enus
		Global Safety Principles								
			Global Safety Principles: Access to Employee Medical and Exposure Records	0.2						ehs hsf c25 sh enus
			Global Safety Principles: Aerial Work Platforms	0.35						ehs hsf c26 sh enus
			Global Safety Principles: Back Safety and Injury Prevention 2.0	0.25						ehs hsf c18 sh enus
			Global Safety Principles: Bloodborne Pathogen Awareness 2.0	0.57						ehs hsf c20 sh enus
			Global Safety Principles: Business Travel and Security	0.67						ehs hsf d05 sh enus
			Global Safety Principles: Compressed Gas Safety	0.65						ehs hsf c27 sh enus
			Global Safety Principles: Confined Spaces 2.0	0.55						ehs hsf c37 sh enus
			Global Safety Principles: Construction Safety Orientation	1.02						ehs hsf c24 sh enus
			Global Safety Principles: Electrical Safety 2.0	0.5						ehs hsf c35 sh enus
			Global Safety Principles: Fire Safety and Prevention 2.0	0.37						ehs hsf c17 sh enus
			Global Safety Principles: Fall Prevention	0.45						ehs hsf b03 sh enus
			Global Safety Principles: Forklift Safety Awareness 2.0	0.38						ehs hsf c33 sh enus
			Global Safety Principles: Hand and Power Tool Safety	0.3						ehs hsf c22 sh enus
			Global Safety Principles: Hazardous Substances in the Workplace 2.0	0.48						ehs hsf c40 sh enus
			Global Safety Principles: Hearing Conservation 2.0	0.32						ehs hsf c19 sh enus
			Global Safety Principles: Heat Stress Recognition and Prevention	0.35						ehs hsf c32 sh enus
			Global Safety Principles: Hot Work Permits	0.5						ehs hsf c89 sh enus
			Global Safety Principles: Housekeeping on the Job	0.55						ehs hsf c81 sh enus
			Global Safety Principles: Incident Investigation and Reporting	0.52						ehs hsf c86 sh enus
			Global Safety Principles: Indoor Hoisting and Rigging	0.57						ehs hsf c28 sh enus
			Global Safety Principles: Industrial Ergonomics	0.57						ehs qed a07 sh enus
			Global Safety Principles: Industrial Robot Safety Awareness	0.63						ehs hsf c69 sh enus
			Global Safety Principles: Job Hazard Analysis	0.22						ehs hsf c23 sh enus
			Global Safety Principles: Laboratory Safety	0.43						ehs hsf c41 sh enus
			Global Safety Principles: Ladder Safety 2.0	0.45						ehs hsf c34 sh enus
			Global Safety Principles: Laser Safety	0.47						ehs hsf c84 sh enus
			Global Safety Principles: Lead Awareness in Construction	0.43						ehs hsf c98 sh enus
			Global Safety Principles: Lead Awareness in General Industry	0.45						ehs hsf c87 sh enus
			Global Safety Principles: Lockout/Tagout 2.0	0.42						ehs hsf c38 sh enus
			Global Safety Principles: Machine Guarding 2.0	0.33						ehs hsf c16 sh enus
			Global Safety Principles: Non-Ionizing Radiation Safety	0.65						ehs hsf c99 sh enus
			Global Safety Principles: Office Ergonomics	0.3						ehs hsf c29 sh enus
			Global Safety Principles: PPE: Personal Protective Equipment 2.0	0.5						ehs hsf c21 sh enus
			Global Safety Principles: Radiation Safety	0.78						ehs hsf c88 sh enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Global Safety Principles: Respiratory Protection 2.0	0.72						ehs_hsf_c36_sh_enus
			Global Safety Principles: Scaffolding Safety	0.38						ehs_hsf_c30_sh_enus
			Global Safety Principles: Silica in Construction	0.45						ehs_hsf_c83_sh_enus
			Global Safety Principles: Silica in General Industry	0.38						ehs_hsf_c82_sh_enus
			Global Safety Principles: Slips, Trips, and Falls 2.0	0.25						ehs_hsf_c85_sh_enus
			Global Safety Principles: Trenching and Excavation Safety	0.42						ehs_hsf_c31_sh_enus
			Global Safety Principles: Welding, Cutting, and Brazing	0.53						ehs_hsf_c90_sh_enus
			Global Safety Principles: Workplace Inspection	0.43						ehs_hsf_c93_sh_enus
			Compliance Short Series							
			Global Safety Short: Asbestos Awareness	0.12						ehs_hsf_d01_sh_enus
			Global Safety Short: Back Safety and Injury Prevention	0.13						ehs_hsf_c59_sh_enus
			Global Safety Short: Bloodborne Pathogen Awareness	0.15						ehs_hsf_c60_sh_enus
			Global Safety Short: Chemical Safety Principles	0.1						ehs_hsf_c50_sh_enus
			Global Safety Short: Confined Space Hazards	0.1						ehs_hsf_c61_sh_enus
			Resumo de segurança global: Coronavírus e COVID-19 (Português)	0.43						ehs_hsf_e79_sh_enus
			Global Safety Short: Electrical Safety Principles	0.1						ehs_hsf_c53_sh_enus
			Global Safety Short: Emergency and Disaster Preparedness	0.08						ehs_hsf_c54_sh_enus
			Global Safety Short: Ergonomics for Safety	0.12						ehs_hsf_c55_sh_enus
			Global Safety Short: Fall Protection	0.08						ehs_hsf_c57_sh_enus
			Global Safety Short: Fire Safety Principles	0.12						ehs_hsf_c51_sh_enus
			Global Safety Short: Forklift Trucks in the Workplace	0.1						ehs_hsf_d02_sh_enus
			Global Safety Short: Hand and Power Tool Safety	0.12						ehs_hsf_c62_sh_enus
			Global Safety Short: Hearing Conservation	0.1						ehs_hsf_c58_sh_enus
			Global Safety Short: Ladder Safety	0.15						ehs_hsf_d03_sh_enus
			Global Safety Short: Lockout and Tagout Guidelines	0.1						ehs_hsf_c63_sh_enus
			Global Safety Short: Machine Guarding Principles	0.1						ehs_hsf_c64_sh_enus
			Global Safety Short: Manual Handling	0.12						ehs_hsf_c65_sh_enus
			Global Safety Short: Personal Protective Equipment	0.12						ehs_hsf_c56_sh_enus
			Global Safety Short: Respiratory Protection Awareness	0.13						ehs_hsf_d04_sh_enus
			Global Safety Short: Slips, Trips, and Falls	0.08						ehs_hsf_c52_sh_enus
			Retail Short: Completing Work Tasks Safely	0.12						ehs_hsf_e09_sh_enus
			Retail Short: Personal Safety	0.08						ehs_hsf_e13_sh_enus
			Retail Short: Slips, Trips, and Falls	0.13						ehs_hsf_e10_sh_enus
			Retail Short: Working with Electrical Equipment	0.08						ehs_hsf_e12_sh_enus
			Retail Short: Workplace Hazards	0.1						ehs_hsf_e11_sh_enus
			Safety Short: Coronaviruses and COVID-19	0.43						ehs_hsf_e77_sh_enus
			Compliance Impact Series							
			Bloodborne Pathogens Impact: Controls That Reduce or Eliminate Transmission	0.13						ehs_ci_b51_sh_enus
			Bloodborne Pathogens Impact: Decontamination Procedures	0.07						ehs_ci_b53_sh_enus
			Bloodborne Pathogens Impact: Measures to Take For Skin or Eye Exposures	0.07						ehs_ci_b54_sh_enus
			Bloodborne Pathogens Impact: Modes of Transmission	0.15						ehs_ci_b50_sh_enus
			Bloodborne Pathogens Impact: Procedures to Follow if an Exposure Occurs	0.1						ehs_ci_b55_sh_enus
			Bloodborne Pathogens Impact: Proper Use and Handling of PPE	0.07						ehs_ci_b52_sh_enus
			Cold Stress Impact: Precautions and Safe Work Practices	0.12						ehs_ci_a84_sh_enus
			Cold Stress Impact: Symptoms	0.1						ehs_ci_a82_sh_enus
			Cold Stress Impact: Treatment	0.1						ehs_ci_a83_sh_enus
			Electrical Safety Impact: Basic Rules of Electricity	0.07						ehs_ci_a88_sh_enus
			Electrical Safety Impact: Common Hazards	0.1						ehs_ci_a91_sh_enus
			Electrical Safety Impact: Common Injuries	0.07						ehs_ci_a89_sh_enus
			Electrical Safety Impact: Electrical Fires	0.07						ehs_ci_a90_sh_enus
			Electrical Safety Impact: Methods to Reduce or Eliminate Hazards	0.08						ehs_ci_a92_sh_enus
			Electrical Safety Impact: Overhead and Underground Power Lines	0.07						ehs_ci_a93_sh_enus
			Emergencies and Disasters Impact: Bomb Threats	0.12						ehs_ci_b35_sh_enus
			Emergencies and Disasters Impact: Components of an Emergency Action Plan	0.13						ehs_ci_b32_sh_enus
			Emergencies and Disasters Impact: Natural Disasters	0.15						ehs_ci_b34_sh_enus
			Emergencies and Disasters Impact: Preparing for Evacuations	0.13						ehs_ci_b33_sh_enus
			Emergencies and Disasters Impact: Threats from outside the Workplace	0.08						ehs_ci_b37_sh_enus
			Emergencies and Disasters Impact: Workplace Violence	0.12						ehs_ci_b36_sh_enus
			Ergonomics Impact: Administrative Controls	0.15						ehs_ci_a19_sh_enus
			Ergonomics Impact: Computer Ergonomics	0.13						ehs_ci_a15_sh_enus
			Ergonomics Impact: Engineering Controls	0.08						ehs_ci_a17_sh_enus
			Ergonomics Impact: Furniture and Equipment	0.13						ehs_ci_a18_sh_enus
			Ergonomics Impact: Musculoskeletal Disorders	0.07						ehs_ci_a16_sh_enus
			Ergonomics Impact: Workplace Programs	0.07						ehs_ci_a20_sh_enus
			Fall Protection Impact: Common Trip Hazards	0.07						ehs_ci_a47_sh_enus
			Fall Protection Impact: Equipment Guidelines	0.05						ehs_ci_a49_sh_enus
			Fall Protection Impact: Fall Hazards	0.1						ehs_ci_a46_sh_enus
			Fall Protection Impact: Other Aspects of Fall Protection	0.07						ehs_ci_a51_sh_enus
			Fall Protection Impact: Safety Monitoring and Other Protective Systems	0.08						ehs_ci_a50_sh_enus
			Fall Protection Impact: Techniques and Methods	0.07						ehs_ci_a48_sh_enus
			Fire Safety Impact: Characteristics of Fire	0.08						ehs_ci_b26_sh_enus
			Fire Safety Impact: Characteristics of Handheld Extinguishers	0.08						ehs_ci_b30_sh_enus
			Fire Safety Impact: How to Prevent Workplace Fires	0.12						ehs_ci_b28_sh_enus
			Fire Safety Impact: Responding to Fire Emergencies	0.08						ehs_ci_b29_sh_enus
			Fire Safety Impact: Types of Fire Extinguishers	0.1						ehs_ci_b27_sh_enus
			Fire Safety Impact: Using the Correct Extinguisher for the Material	0.1						ehs_ci_b31_sh_enus
			Forklift Safety Impact: Capacity	0.07						ehs_ci_a53_sh_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Forklift Safety Impact: Loading and Unloading Principles	0.07						ehs_ci_a56_sh_enus
			Forklift Safety Impact: Load Center	0.08						ehs_ci_a52_sh_enus
			Forklift Safety Impact: Refueling and Recharging	0.07						ehs_ci_a57_sh_enus
			Forklift Safety Impact: Safe Operation and Work Practices	0.13						ehs_ci_a55_sh_enus
			Forklift Safety Impact: Sit-down Inspection	0.07						ehs_ci_b56_sh_enus
			Forklift Safety Impact: Walk-around Inspection	0.15						ehs_ci_a54_sh_enus
			Hand and Power Tool Safety Impact: Electrical Tools	0.1						ehs_ci_a69_sh_enus
			Hand and Power Tool Safety Impact: Grinders	0.07						ehs_ci_a68_sh_enus
			Hand and Power Tool Safety Impact: Hazards and Controls	0.1						ehs_ci_a64_sh_enus
			Hand and Power Tool Safety Impact: Pneumatic Tools	0.08						ehs_ci_a66_sh_enus
			Hand and Power Tool Safety Impact: Powder-actuated Tools	0.07						ehs_ci_a67_sh_enus
			Hand and Power Tool Safety Impact: Specific Hazards	0.07						ehs_ci_a65_sh_enus
			Hazard Communication Impact: Health Hazards	0.1						ehs_ci_a23_sh_enus
			Hazard Communication Impact: Physical Hazards	0.12						ehs_ci_a22_sh_enus
			Hazard Communication Impact: Reducing and Eliminating Contact with Chemicals	0.1						ehs_ci_a26_sh_enus
			Hazard Communication Impact: Routes of Chemical Entry	0.08						ehs_ci_a21_sh_enus
			Hazard Communication Impact: Safety Data Sheets	0.07						ehs_ci_a25_sh_enus
			Hazard Communication Impact: Warning Labels	0.08						ehs_ci_a24_sh_enus
			Hazardous Material Handling and Storage Impact: Drum and Container Hazards	0.08						ehs_ci_b21_sh_enus
			Hazardous Material Handling and Storage Impact: Handling Drums and Containers	0.08						ehs_ci_b22_sh_enus
			Hazardous Material Handling and Storage Impact: Handling Gas Cylinders	0.07						ehs_ci_b23_sh_enus
			Hazardous Material Handling and Storage Impact: Lifting Techniques	0.07						ehs_ci_b20_sh_enus
			Hazardous Material Handling and Storage Impact: Routine Maintenance	0.05						ehs_ci_b25_sh_enus
			Hazardous Material Handling and Storage Impact: Transporting Gas Cylinders	0.07						ehs_ci_b24_sh_enus
			Hearing Conservation Impact: Effects of Noise on Hearing	0.1						ehs_ci_a27_sh_enus
			Hearing Conservation Impact: Engineering and Administrative Controls	0.12						ehs_ci_a32_sh_enus
			Hearing Conservation Impact: Monitoring, Testing, and Training	0.12						ehs_ci_a28_sh_enus
			Hearing Conservation Impact: Precautions When Using Hearing Protection	0.08						ehs_ci_a31_sh_enus
			Hearing Conservation Impact: Selection, Use, and Care	0.08						ehs_ci_a29_sh_enus
			Hearing Conservation Impact: Types of Hearing Protection	0.08						ehs_ci_a30_sh_enus
			Heat Stress Impact: Precautions and Safe Work Practices	0.13						ehs_ci_a87_sh_enus
			Heat Stress Impact: Symptoms	0.1						ehs_ci_a85_sh_enus
			Heat Stress Impact: Treatment	0.07						ehs_ci_a86_sh_enus
			Indoor Hoisting and Rigging Impact: Indoor Crane Hazards	0.1						ehs_ci_b14_sh_enus
			Indoor Hoisting and Rigging Impact: Crane and Hoist Inspections	0.08						ehs_ci_b16_sh_enus
			Indoor Hoisting and Rigging Impact: Load Handling	0.1						ehs_ci_b17_sh_enus
			Indoor Hoisting and Rigging Impact: Safe Crane Operation	0.07						ehs_ci_b15_sh_enus
			Indoor Hoisting and Rigging Impact: Sling Types and Inspections	0.1						ehs_ci_b18_sh_enus
			Indoor Hoisting and Rigging Impact: Standard Practices for Signalers	0.07						ehs_ci_b19_sh_enus
			Infectious Disease Impact: An Overview of Infectious Diseases	0.1						ehs_ci_b44_sh_enus
			Infectious Disease Impact: Ebola and Smallpox	0.08						ehs_ci_b46_sh_enus
			Infectious Diseases Impact: Legionnaires' Disease and Anthrax	0.1						ehs_ci_b48_sh_enus
			Infectious Disease Impact: Measles and Norovirus	0.08						ehs_ci_b45_sh_enus
			Infectious Disease Impact: MRSA and Meningococcal Disease	0.08						ehs_ci_b47_sh_enus
			Infectious Disease Impact: Zika Virus	0.1						ehs_ci_b49_sh_enus
			Laboratory Safety Impact: Emergency Guidelines and Procedures	0.08						ehs_ci_b41_sh_enus
			Laboratory Safety Impact: Laboratory Safety Requirements	0.08						ehs_ci_b38_sh_enus
			Laboratory Safety Impact: Preventing Fire and Burn Hazards	0.08						ehs_ci_b42_sh_enus
			Laboratory Safety Impact: Safety Data Sheets and Chemical Storage	0.08						ehs_ci_b43_sh_enus
			Laboratory Safety Impact: Safety Guidelines and Procedures	0.07						ehs_ci_b40_sh_enus
			Ladder Safety Impact: Care and Maintenance	0.07						ehs_ci_a63_sh_enus
			Ladder Safety Impact: Fixed Ladder Use, Capacity, and Safety	0.07						ehs_ci_a61_sh_enus
			Ladder Safety Impact: Ladder Setup and The 4:1 Rule	0.08						ehs_ci_a60_sh_enus
			Ladder Safety Impact: Ladder Selection	0.1						ehs_ci_a59_sh_enus
			Ladder Safety Impact: Safe Work Practices	0.08						ehs_ci_a58_sh_enus
			Ladder Safety Impact: Transportation and Storage	0.08						ehs_ci_a62_sh_enus
			Lockout/Tagout Impact: Company Procedures	0.07						ehs_ci_a99_sh_enus
			Lockout/Tagout Impact: Individual and Group Applications	0.07						ehs_ci_a97_sh_enus
			Lockout/Tagout Impact: Program Overview	0.07						ehs_ci_a95_sh_enus
			Lockout/Tagout Impact: Properties of Devices	0.08						ehs_ci_a96_sh_enus
			Lockout/Tagout Impact: Removing Devices	0.07						ehs_ci_a98_sh_enus
			Lockout/Tagout Impact: Terminology	0.07						ehs_ci_a94_sh_enus
			Machine Guarding Impact: Actions That Can Result in Injury	0.05						ehs_ci_b03_sh_enus
			Machine Guarding Impact: Advantages of Guard Construction	0.08						ehs_ci_b05_sh_enus
			Machine Guarding Impact: Areas Where Mechanical Hazards Exist	0.07						ehs_ci_b01_sh_enus
			Machine Guarding Impact: Definitions and General Requirements	0.08						ehs_ci_b07_sh_enus
			Machine Guarding Impact: Inspections	0.08						ehs_ci_b06_sh_enus
			Machine Guarding Impact: Minimum Requirements of Safeguards	0.08						ehs_ci_b04_sh_enus
			Machine Guarding Impact: Where Accidents Are Most Likely to Occur	0.08						ehs_ci_b02_sh_enus
			OSHA Recordkeeping Impact: Non-recordable Cases	0.1						ehs_ci_a14_sh_enus
			OSHA Recordkeeping Impact: OSHA's Form 300	0.08						ehs_ci_a10_sh_enus
			OSHA Recordkeeping Impact: OSHA's Form 300A	0.05						ehs_ci_a11_sh_enus
			OSHA Recordkeeping Impact: OSHA's Form 301	0.08						ehs_ci_a12_sh_enus
			OSHA Recordkeeping Impact: Privacy Cases	0.08						ehs_ci_a13_sh_enus
			OSHA Recordkeeping Impact: Recordable Cases	0.08						ehs_ci_a09_sh_enus
			OSHA Recordkeeping Impact: Required Reporting	0.08						ehs_ci_a08_sh_enus
			Personal Protective Equipment Impact: Donning and Doffing PPE	0.08						ehs_ci_a80_sh_enus

Solution Area	Curriculum	Series	Course Title	Estimated Duration Hours	NASBA CREDIT	PMI PDU	HRCI	BRN CREDIT	SHRM PDC	Course#
			Personal Protective Equipment Impact: Inspecting PPE	0.07						ehs_ci_a79_sh_enus
			Personal Protective Equipment Impact: Limitations of PPE	0.1						ehs_ci_a78_sh_enus
			Personal Protective Equipment Impact: Maintenance and Storage	0.08						ehs_ci_a81_sh_enus
			Personal Protective Equipment Impact: Responsibilities	0.07						ehs_ci_a76_sh_enus
			Personal Protective Equipment Impact: Types of PPE	0.12						ehs_ci_a77_sh_enus
			Respiratory Protection Impact: Donning and Doffing	0.07						ehs_ci_a38_sh_enus
			Respiratory Protection Impact: Limitations of Respirators	0.1						ehs_ci_a35_sh_enus
			Respiratory Protection Impact: Types of Respirators	0.08						ehs_ci_a34_sh_enus
			Respiratory Protection Impact: Inspections	0.07						ehs_ci_a37_sh_enus
			Respiratory Protection Impact: Maintenance and Storage	0.07						ehs_ci_a39_sh_enus
			Respiratory Protection Impact: Responsibilities	0.08						ehs_ci_a33_sh_enus
			Respiratory Protection Impact: Respirator Selection	0.07						ehs_ci_a36_sh_enus
			Safety Principles Impact: Accident Factors	0.08						ehs_ci_a01_sh_enus
			Safety Principles Impact: Accident Investigation	0.08						ehs_ci_a05_sh_enus
			Safety Principles Impact: Near Misses	0.07						ehs_ci_a06_sh_enus
			Safety Principles Impact: Reporting an Accident	0.08						ehs_ci_a04_sh_enus
			Safety Principles Impact: Safe Work Habits and Behaviors	0.08						ehs_ci_a02_sh_enus
			Safety Principles Impact: Safety Awareness	0.1						ehs_ci_a03_sh_enus
			Safety Principles Impact: Stop Work Authority	0.08						ehs_ci_a07_sh_enus
			Slips, Trips, and Falls Impact: Fall Prevention Techniques and Methods	0.08						ehs_ci_b13_sh_enus
			Slips, Trips, and Falls Impact: Identifying Fall Hazards	0.08						ehs_ci_b08_sh_enus
			Slips, Trips, and Falls Impact: Minimizing Walking and Working Surface Hazards	0.07						ehs_ci_b10_sh_enus
			Slips, Trips, and Falls Impact: Preventing Injuries on Ladders	0.08						ehs_ci_b09_sh_enus
			Slips, Trips, and Falls Impact: Stairs	0.05						ehs_ci_b12_sh_enus
			Slips, Trips, and Falls Impact: Specific Applications	0.1						ehs_ci_b11_sh_enus
			Spill Response and Control Impact: Boundaries When Hazards Are Present	0.07						ehs_ci_a73_sh_enus
			Spill Response and Control Impact: Defining Hazardous Materials	0.05						ehs_ci_a70_sh_enus
			Spill Response and Control Impact: Hazardous Spill Sizes	0.08						ehs_ci_a74_sh_enus
			Spill Response and Control Impact: Responding to a Spill	0.1						ehs_ci_a72_sh_enus
			Spill Response and Control Impact: Responsibilities During a Spill	0.12						ehs_ci_a75_sh_enus
			Spill Response and Control Impact: Work Practices to Prevent Spills	0.1						ehs_ci_a71_sh_enus
			Welding Impact: Fire Prevention Techniques	0.07						ehs_ci_a40_sh_enus
			Welding Impact: Handling and Storing Gas Cylinders	0.07						ehs_ci_a45_sh_enus
			Welding Impact: Health Hazards	0.07						ehs_ci_a42_sh_enus
			Welding Impact: Oxy-Acetylene Torch Safety	0.07						ehs_ci_a41_sh_enus
			Welding Impact: PPE Requirements	0.07						ehs_ci_a43_sh_enus
			Welding Impact: Safety Considerations	0.05						ehs_ci_a44_sh_enus
		Post-pandemic Workplace								
			Compliance Brief: Resuming Retail or Restaurant Operations Post-pandemic	0.32						ehs_hsf_e78_sh_enus
			Leading in the Post-pandemic Workplace	0.48						bs_ppd01_a01_enus
			Navigating the Post-pandemic Workplace	0.13						bs_ppd01_a02_enus