



August 2022
Credly Tracking Form
Army e-Learning Program

The courses and exams provided in this form carry college credit recommendations from the American Council on Education's College Credit Recommendation Service! ACE has partnered with Credly, a leading digital credential provider, to provide you with badges and transcripts on their Acclaim platform.

Army users who would like to receive badges and transcripts for these courses must successfully complete all of the individual courses in the course modules and then complete each of the Course Test Prep Exams or Final Exams that are associated with those modules in a proctored environment and in certification mode.

The user has a limit of three attempts to pass the Test Prep or Final Exam in order to receive college credits. This does not apply to the individual courses, only the Test Prep or Final Exam that is completed in the presence of a proctor.

After the proctor has signed the Tracking Form in the space provided after each of the modules, send the form to the Army e-Learning Program Office: leslie.a.york.civ@army.mil and Kimberly.e.berry2.civ@army.mil . Upon verification of completions, the Army e-Learning Program Office will submit your information below to Credly to issue you your badge. Credly will then contact you to accept your badge. Once you've accepted the badge and set up your profile, you'll be able to order an official transcript directly from Acclaim at no cost.

To access the courses, log in to your Army e-Learning account at <https://usarmy.skillport.com>; click on the Browse the Library link in the top menu, then the ACE/Credly College Credit link under the Army's Custom Curricula column.

September 2022
ACE/Credly College Credit Tracking Form
Army e-Learning Program

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YOUR FULL LEGAL NAME: _____

SKILLPORT USER NAME: _____

ARMY E-MAIL ADDRESS: _____

Implementing Cisco Edge Network Security Solutions (SENSS)	
ACE #: SKIL-0161	
# of Credits: 2 Hours Lower Division in	
Network Security, Networking, or Computer Networks	
Expires: 12/31/2022	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
SENSS 1.0: IOS Security Configuration	it_ccsensstv_01_enus
SENSS 1.0: Role-Based Access Control	it_ccsensstv_02_enus
SENSS 1.0: Zone-Based Firewalls	it_ccsensstv_03_enus
SENSS 1.0: ASA Firewall Configuration & Access Control	it_ccsensstv_04_enus
SENSS 1.0: Twice NAT & Network Object NAT	it_ccsensstv_05_enus
SENSS 1.0: ASA Firewall Access Control	it_ccsensstv_06_enus
SENSS 1.0: IPv6 Support & Traffic Inspection	it_ccsensstv_07_enus
SENSS 1.0: Transparent Firewalls & Security Contexts	it_ccsensstv_08_enus
SENSS 1.0: High Availability & Private VLANs	it_ccsensstv_09_enus

SENSS 1.0: DHCP Snooping & IP Source Guard	it_ccsensstv_10_enus
SENSS 1.0: Cisco Port-Based Traffic Control	it_ccsensstv_11_enus
SENSS 1.0: Traffic & Device Monitoring	it_ccsensstv_12_enus
SENSS 1.0: Centralized Logging & Device Management	it_ccsensstv_13_enus
Test Prep: 300-206 Implementing Cisco Edge Network Security Solutions (SENSS)	
(User has 3 attempts to pass the Exam)	cc_sens_a01_tp_enus
Proctor Signature/Date Completed/Score:	

<u>Certified Business Analysis Professional (CBAP)</u>	
<u>ACE #: SKIL-0172</u>	
<u># of Credits: 2 Hour Lower Division</u>	
<u>Business Analysis</u>	
<u>EXPIRES 07/31/2025</u>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Business Analysis Overview	aba_02_a01_bs_enus
The BA Planning and Monitoring Knowledge Area	aba_02_a02_bs_enus
The BA Elicitation and Collaboration Knowledge Area	aba_02_a03_bs_enus
The Requirements Life Cycle Management Knowledge Area	aba_02_a04_bs_enus
The Strategy Analysis Knowledge Area	aba_02_a05_bs_enus
RADD Knowledge Area: Part 1	aba_02_a06_bs_enus
RADD Knowledge Area: Part 2	aba_02_a07_bs_enus
The Solution Evaluation Knowledge Area	aba_02_a08_bs_enus
Business Analysis Analytical Techniques	aba_03_a01_bs_enus
Business Analysis Activities and Tools	aba_03_a02_bs_enus
Business Analysis Documentation and Criteria	aba_03_a03_bs_enus
Personal Skills for Effective Business Analysis	aba_04_a01_bs_enus
Business Analysis Professional Effectiveness Competencies	aba_04_a02_bs_enus
Perspectives for Effective Business Analysis	aba_04_a03_bs_enus

Final Exam: Certified Professional in Business Analysis

aba_02_a01_fe_enus

Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)

Six Sigma Green Belt
ACE #: SKIL-0175
of Credits: 3 Hours Upper Division
Project Management
EXPIRES 07/31/2025

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Organizational Goals and Six Sigma	apr_01_a01_bs_enus
Lean Principles in Six Sigma Projects	apr_01_a02_bs_enus
FMEA and Design for Six Sigma	apr_01_a03_bs_enus
Identifying Six Sigma Projects	apr_02_a01_bs_enus
Six Sigma Voice of the Customer	apr_02_a02_bs_enus
Six Sigma Project Management Essentials	apr_02_a03_bs_enus
Management and Planning Tools for Six Sigma	apr_02_a04_bs_enus
Six Sigma Performance Metrics	apr_02_a05_bs_enus
Team Dynamics and Performance for Six Sigma Projects	apr_02_a06_bs_enus
Six Sigma Process Documentation and Analysis	apr_03_a01_bs_enus
Six Sigma Probability and Statistical Distributions	apr_03_a02_bs_enus
Six Sigma Data Classification, Sampling, and Collection	apr_03_a03_bs_enus
Six Sigma Statistics and Graphical Presentation	apr_03_a04_bs_enus
Six Sigma Measurement Systems Analysis	apr_03_a05_bs_enus
Six Sigma Process and Performance Capability Measurement	apr_03_a06_bs_enus
Six Sigma Exploratory Data Analysis	apr_04_a01_bs_enus
Six Sigma Hypothesis Testing Fundamentals	apr_04_a02_bs_enus
Six Sigma Hypothesis Tests for Variances and Proportions	apr_04_a03_bs_enus

Six Sigma Design of Experiments	apr_05_a01_bs_enus
Six Sigma Root Cause Analysis and Waste Elimination	apr_05_a02_bs_enus
Six Sigma Cycle-time Reduction and Kaizen Blitz	apr_05_a03_bs_enus
Six Sigma Statistical Process Control Basics	apr_06_a01_bs_enus
Six Sigma Control Charts	apr_06_a02_bs_enus
Six Sigma Process Control Tools	apr_06_a03_bs_enus
Test Prep: Six Sigma Green Belt, oper_ssgb_a02_tp_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

CompTIA Network+ N10-007	
ACE #: SKIL-0190	
# of Credits: 3 Hours Lower Division in	
Computer Networking, Computer Information Systems, CompTIA Network+	
Expires: 12/31/2022	
COURSE TITLE	COURSE NUMBER
CompTIA Network+ N10-007: Ports and Protocols and the OSI Model	cs_ctnp_a01_it_enus
CompTIA Network+ N10-007: Routing, Switching, & IP Addressing	cs_ctnp_a02_it_enus
CompTIA Network+ N10-007: Network Topologies & Technologies	cs_ctnp_a03_it_enus
CompTIA Network+ N10-007: Cloud Concepts, Network Services, & Cabling Solutions	cs_ctnp_a04_it_enus
CompTIA Network+ N10-007: Networking Devices	cs_ctnp_a05_it_enus
CompTIA Network+ N10-007: Network Storage, Virtualization, & WAN Technologies	cs_ctnp_a06_it_enus
CompTIA Network+ N10-007: Documentation and Diagrams & Business Continuity	cs_ctnp_a07_it_enus
CompTIA Network+ N10-007: Network Monitoring & Remote Access Methods	cs_ctnp_a08_it_enus
CompTIA Network+ N10-007: Policies and Best Practices	cs_ctnp_a09_it_enus
CompTIA Network+ N10-007: Security Devices, Wireless Security, & Access Control	cs_ctnp_a10_it_enus
CompTIA Network+ N10-007: Network Attacks & Device Hardening	cs_ctnp_a11_it_enus

CompTIA Network+ N10-007: Mitigation Techniques	cs ctnp a12 it enus
CompTIA Network+ N10-007: Troubleshooting Methodology & Tools	cs ctnp a13 it enus
CompTIA Network+ N10-007: Troubleshooting Connectivity & Performance Issues	cs ctnp a14 it enus
CompTIA Network+ N10-007: Troubleshooting Common Network Service Issues	cs ctnp a15 it enus
CompTIA Network+ N10-007: Additional Network Services	cs ctnp a16 it enus
Test Prep: N10-007 CompTIA Network+, ep_csctnp_a01_tp_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>CompTIA Advanced Security Practitioner (CASP) (CAS-003)</u>	
ACE #: SKIL-0191	
# of Credits: 2 Hours Lower Division in	
<u>Risk Management, Security Management, or Fundamentals of Security</u>	
Expires: 12/31/2022	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
CompTIA CASP+ CAS-003: Business and Industry Influences and Risks	cs casp a01 it enus
CompTIA CASP+ CAS-003: Organizational Security and Privacy Policies	cs casp a02 it enus
CompTIA CASP+ CAS-003: Risk Mitigation Strategies and Controls	cs casp a03 it enus
CompTIA CASP+ CAS-003: Risk Metric Scenarios for Enterprise Security	cs casp a04 it enus
CompTIA CASP+ CAS-003: Integrating Network and Security Components, Concepts, and Architectures	cs casp a05 it enus
CompTIA CASP+ CAS-003: Integrating Security Controls for Host Devices	cs casp a06 it enus
CompTIA CASP+ CAS-003: Integrating Controls for Mobile and Small Form Factor Devices	cs casp a07 it enus
CompTIA CASP+ CAS-003: Selecting Software Security Controls	cs casp a08 it enus
CompTIA CASP+ CAS-003: Conducting Security Assessments	cs casp a09 it enus
CompTIA CASP+ CAS-003: Implementing Incident Response and Recovery	cs casp a10 it enus
CompTIA CASP+ CAS-003: Integrating Hosts, Storage, and Applications in the Enterprise	cs casp a11 it enus
CompTIA CASP+ CAS-003: Integrating Cloud and Virtualization Technologies in the Enterprise	cs casp a12 it enus
CompTIA CASP+ CAS-003: Integrating and Troubleshooting Advanced AAA Technologies	cs casp a13 it enus

CompTIA CASP+ CAS-003: Implementing Cryptographic Techniques	cs_casp_a14_it_enus
CompTIA CASP+ CAS-003: Secure Communication and Collaboration Solutions	cs_casp_a15_it_enus
CompTIA CASP+ CAS-003: Applying Research Methods for Trend and Impact Analysis	cs_casp_a16_it_enus
CompTIA CASP+ CAS-003: Implementing Security Activities across the Technology Life Cycle	cs_casp_a17_it_enus
CompTIA CASP+ CAS-003: Interacting across Diverse Business Units	cs_casp_a18_it_enus
Test Prep: CAS-003 CompTIA Advanced Security Practitioner (CASP)	ep_cscasp_a01_tp_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>CompTIA A+ (200-1001)</u> <u>ACE #: SKIL-0192</u> <u># of Credits: 2 Hours Lower Division in</u> <u>Computer Information Systems and Computer Technology</u> <u>Expires: 12/31/2022</u>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
CompTIA A+ 220-1001: Installing Hardware and Display Components	it_cscoao_01_05_enus
CompTIA A+ 220-1001: Laptops Features and Mobile Device Types	it_cscoao_02_04_enus
CompTIA A+ 220-1001: Accessories and Mobile Device Synchronization	it_cscoao_03_04_enus
CompTIA A+ 220-1001: Mobile Device Network Connectivity and Application Support	it_cscoao_04_05_enus
CompTIA A+ 220-1001: TCP and UDP ports	it_cscoao_05_enus
CompTIA A+ 220-1001: Configuring a Wired/Wireless Network	it_cscoao_07_enus
CompTIA A+ 220-1001: Wireless Networking Protocols	it_cscoao_08_enus
CompTIA A+ 220-1001: Network Hosts	it_cscoao_09_enus
CompTIA A+ 220-1001: Networking	it_cscoao_06_enus
CompTIA A+ 220-1001: Implementing Network Concepts	it_cscoao_10_enus
CompTIA A+ 220-1001: Network Types	it_cscoao_11_enus
CompTIA A+ 220-1001: Networking Tools	it_cscoao_12_enus
CompTIA A+ 220-1001: Basic Cable Types	it_cscoao_13_enus
CompTIA A+ 220-1001: Connectors	it_cscoao_14_enus

CompTIA A+ 220-1001: Random Access Memory	it_cscoa0_15_enus
CompTIA A+ 220-1001: Storage Solutions	it_cscoa0_16_enus
CompTIA A+ 220-1001: Working with Motherboards, CPUs, & Add-On Cards	it_cscoa0_17_enus
CompTIA A+ 220-1001: Working with Peripheral Devices	it_cscoa0_18_enus
CompTIA A+ 220-1001: Power Supplies	it_cscoa0_19_enus
CompTIA A+ 220-1001: Common Devices	it_cscoa0_20_enus
CompTIA A+ 220-1001: Custom PC configuration	it_cscoa0_21_enus
CompTIA A+ 220-1001: SOHO Devices	it_cscoa0_22_enus
CompTIA A+ 220-1001: Printers	it_cscoa0_23_enus
CompTIA A+ 220-1001: Cloud Computing	it_cscoa0_24_enus
CompTIA A+ 220-1001: Virtualization	it_cscoa0_25_enus
CompTIA A+ 220-1001: Resolving Problems	it_cscoa0_26_enus
CompTIA A+ 220-1001: Troubleshooting	it_cscoa0_27_enus
CompTIA A+ 220-1001: Troubleshooting Printers	it_cscoa0_28_enus
Test Prep: 220-1001 CompTIA A+, ep_cscoa0_a01_tp_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>CompTIA A+ (200-1002)</u> <u>ACE #: SKIL-0193</u> <u># of Credits: 1 Hours Lower Division in</u> <u>Computer Information Systems and Computer Technology</u> <u>Expires: 12/31/2022</u>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
CompTIA A+ 220-1002: System Utilities	it_cscoat_11_enus
CompTIA A+ 220-1002: Comparing Common Operating Systems	it_cscoat_01_enus
CompTIA A+ 220-1002: Microsoft Operating System Installation & Upgrade	it_cscoat_02_enus
CompTIA A+ 220-1002: Microsoft Command Line Tools	it_cscoat_03_enus
CompTIA A+ 220-1002: MS Operating System Administrative Tools	it_cscoat_04_enus
CompTIA A+ 220-1002: Windows Control Panel Utilities	it_cscoat_05_enus
CompTIA A+ 220-1002: Application Installation, Networking, & Tools	it_cscoat_06_enus
CompTIA A+ 220-1002: Security Fundamentals	it_cscoat_07_enus
CompTIA A+ 220-1002: Critical Security Concepts	it_cscoat_08_enus
CompTIA A+ 220-1002: Software Troubleshooting	it_cscoat_09_enus
CompTIA A+ 220-1002: Operational Procedures Best Practices	it_cscoat_10_enus
Test Prep: 220-1002 CompTIA A+, ep_cscoat_a01_tp_enus	

Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)

CompTIA Cloud+ (CV0-002)
ACE #: SKIL-0194
of Credits: 1 Hours Lower Division in
Introduction to Cloud Computing or Cloud Computing Fundamentals
Expires: 12/31/2022

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
CompTIA Cloud+ CV0-002: Planning Cloud Deployments	it_cscocp_01_enus
CompTIA Cloud+ CV0-002: Planning Cloud Networking	it_cscocp_02_enus
CompTIA Cloud+ CV0-002: Planning Cloud Compute Resources	it_cscocp_03_enus
CompTIA Cloud+ CV0-002: Planning Cloud Storage Resources	it_cscocp_04_enus
CompTIA Cloud+ CV0-002: Planning Cloud Migrations and Extensions	it_cscocp_05_enus
CompTIA Cloud+ CV0-002: Security Configurations and Compliance Controls	it_cscocp_06_enus
CompTIA Cloud+ CV0-002: Security Technologies and Automation Techniques	it_cscocp_07_enus
CompTIA Cloud+ CV0-002: System Patching and Maintenance	it_cscocp_08_enus
CompTIA Cloud+ CV0-002: Disaster Recovery	it_cscocp_09_enus
CompTIA Cloud+ CV0-002: Performance Management	it_cscocp_10_enus
CompTIA Cloud+ CV0-002: Troubleshooting Deployments	it_cscocp_11_enus
Final Exam: CompTIA Cloud+	it_cscocp_a01_fe_enu

Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)

Certified Ethical Hacker v10
ACE #: SKIL-0195
of Credits: 3 Hours Lower Division in
Network Defense and Computer Security or Information Assurance
Expires: 12/31/2022

COURSE TITLE	COURSE NUMBER
Certified Ethical Hacker - CEHv10: Ethical Hacking Overview and Threats	it_spceh10tv_01_05_enus
Certified Ethical Hacker - CEHv10: Hacking Concepts	it_spceh10tv_02_05_enus
Certified Ethical Hacker - CEHv10: Security Controls	it_spceh10tv_03_06_enus
Certified Ethical Hacker - CEHv10: Security Controls Part 2	it_spceh10tv_04_05_enus
Certified Ethical Hacker - CEHv10: Pentesting, Laws, and Standards	it_spceh10tv_05_05_enus
Certified Ethical Hacker - CEHv10: Footprinting	it_spceh10tv_06_06_enus
Certified Ethical Hacker - CEHv10: Host Discovery and Scanning with Nmap	it_spceh10tv_07_06_enus
Certified Ethical Hacker - CEHv10: ProxyChains and Enumeration	it_spceh10tv_08_04_enus
Certified Ethical Hacker - CEHv10: Vulnerability Analysis Concepts and Tools	it_spceh10tv_09_06_enus
Certified Ethical Hacker - CEHv10: Password Attacks	it_spceh10tv_10_06_enus
Certified Ethical Hacker - CEHv10: Password Attacks Part 2	it_spceh10tv_11_05_enus
Certified Ethical Hacker - CEHv10: Privilege Escalation	it_spceh10tv_12_04_enus
Certified Ethical Hacker - CEHv10: Covert Data Gathering	it_spceh10tv_13_04_enus
Certified Ethical Hacker - CEHv10: Hidden Files and Covering Tracks	it_spceh10tv_14_06_enus
Certified Ethical Hacker - CEHv10: Malware Threats	it_spceh10tv_15_04_enus
Certified Ethical Hacker - CEHv10: Malware Distribution	it_spceh10tv_16_06_enus
Certified Ethical Hacker - CEHv10: Network Sniffing	it_spceh10tv_17_05_enus
Certified Ethical Hacker - CEHv10: Social Engineering	it_spceh10tv_18_04_enus
Certified Ethical Hacker - CEHv10: Denial of Service	it_spceh10tv_19_06_enus
Certified Ethical Hacker - CEHv10: Session Hijacking	it_spceh10tv_20_04_enus
Certified Ethical Hacker - CEHv10: Evading IDS, Firewalls, and Honeypots	it_spceh10tv_21_04_enus
Certified Ethical Hacker - CEHv10: Evading IDS, Firewalls, and Honeypots Part 2	it_spceh10tv_22_04_enus
Certified Ethical Hacker - CEHv10: Evading IDS, Firewalls, and Honeypots Part 3	it_spceh10tv_23_04_enus
Certified Ethical Hacker - CEHv10: Hacking Web Servers	it_spceh10tv_24_05_enus
Certified Ethical Hacker - CEHv10: Common Web App Threats	it_spceh10tv_25_04_enus
Certified Ethical Hacker - CEHv10: Common Web App Threats Part 2	it_spceh10tv_26_04_enus
Certified Ethical Hacker - CEHv10: Practical Web App Hacking	it_spceh10tv_27_04_enus
Certified Ethical Hacker - CEHv10: SQL Injection	it_spceh10tv_28_06_enus
Certified Ethical Hacker - CEHv10: SQL Injection Types and Tools	it_spceh10tv_29_04_enus
Certified Ethical Hacker - CEHv10: Wireless Hacking Concepts	it_spceh10tv_30_04_enus
Certified Ethical Hacker - CEHv10: Wireless Hacking Tools	it_spceh10tv_31_04_enus
Certified Ethical Hacker - CEHv10: Wireless Hacking Common Threats	it_spceh10tv_32_04_enus
Certified Ethical Hacker - CEHv10: Cracking and Mobile Hacking	it_spceh10tv_33_04_enus
Certified Ethical Hacker - CEHv10: IoT Concepts	it_spceh10tv_34_04_enus
Certified Ethical Hacker - CEHv10: IoT Attacks	it_spceh10tv_35_04_enus
Certified Ethical Hacker - CEHv10: IoT Hacking and Countermeasures	it_spceh10tv_36_06_enus
Certified Ethical Hacker - CEHv10: Clouding Computing Concepts	it_spceh10tv_37_04_enus
Certified Ethical Hacker - CEHv10: Cloud Computer Attacks	it_spceh10tv_38_04_enus
Certified Ethical Hacker - CEHv10: Cryptography Concepts	it_spceh10tv_39_04_enus
Certified Ethical Hacker - CEHv10: Cryptography Concepts Part 2	it_spceh10tv_40_04_enus
Certified Ethical Hacker - CEHv10: Cryptography Concepts Part 3	it_spceh10tv_41_05_enus
Certified Ethical Hacker - CEHv10: Cryptography Attacks	it_spceh10tv_42_04_enus
Test Prep: 312-50 Certified Ethical Hacker, sp_ceth_a01_tp_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

Designing for Cisco Internetwork Solutions (DESGN) (200-310)

ACE #: SKIL-0196

**# of Credits: 2 Hours Lower Division in
Networking Engineering or Computer Networking**

Expires: 12/31/2022

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
DESGN 3.0: Enterprise Architecture	it_ccdatv_01_05_enus
DESGN 3.0: Design Lifecycle	it_ccdatv_02_05_enus
DESGN 3.0: Design Methodology	it_ccdatv_03_05_enus
DESGN 3.0: Networking Information Gathering and Auditing	it_ccdatv_04_05_enus
DESGN 3.0: Implementing Network Design	it_ccdatv_05_05_enus
DESGN 3.0: Design Modularity	it_ccdatv_06_05_enus
DESGN 3.0: Design Hierarchy	it_ccdatv_07_05_enus
DESGN 3.0: Design Scalability	it_ccdatv_08_05_enus
DESGN 3.0: Design Resiliency	it_ccdatv_09_04_enus
DESGN 3.0: Fault Domain Design	it_ccdatv_10_06_enus
DESGN 3.0: Scalable Addressing and IP Addressing Schemes	it_ccdatv_11_04_enus
DESGN 3.0: Routing Protocol Scalability	it_ccdatv_12_04_enus
DESGN 3.0: IGP Expansion	it_ccdatv_13_04_enus
DESGN 3.0: OSPF and BGP Expansion	it_ccdatv_14_04_enus
DESGN 3.0: Campus Design	it_ccdatv_15_04_enus
DESGN 3.0: Campus Design Part 2	it_ccdatv_16_04_enus
DESGN 3.0: Enterprise Network WAN and Edge	it_ccdatv_17_04_enus
DESGN 3.0: Branch Network Design	it_ccdatv_18_04_enus
DESGN 3.0: Wireless LAN Design	it_ccdatv_19_05_enus
DESGN 3.0: Wireless LAN Requirements	it_ccdatv_20_04_enus
DESGN 3.0: Security Control Considerations	it_ccdatv_21_04_enus
DESGN 3.0: Voice and Video Design Considerations	it_ccdatv_22_05_enus
DESGN 3.0: Virtualization in Network Design	it_ccdatv_23_04_enus
DESGN 3.0: Network Programmability and Data Center Component Design	it_ccdatv_24_05_enus
Test Prep: 200-310 Designing for Cisco Internetwork Solutions (DESGN), cc_desn_a01_tp_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

CCNA Cloud – Understanding Cisco Cloud Fundamentals (CLDFND)

ACE #: SKIL-0197

**# of Credits: 1 Hours Lower Division in
Introduction to Cloud Computing or Cloud Computing Fundamentals**

Expires: 12/31/2022

COURSE TITLE	COURSE NUMBER
CLDFND: Cloud Characteristics	it_ccnacdtv_01_03_enus
CLDFND: Cloud Service Models	it_ccnacdtv_02_04_enus
CLDFND: IaaS, PaaS, & SaaS	it_ccnacdtv_03_03_enus
CLDFND: Public & Private Cloud Deployment Models	it_ccnacdtv_04_03_enus
CLDFND: Community & Hybrid Cloud	it_ccnacdtv_05_03_enus
CLDFND: Cisco CloudCenter	it_ccnacdtv_06_04_enus
CLDFND: Cisco CloudCenter Components	it_ccnacdtv_07_03_enus
CLDFND: Cisco UCS	it_ccnacdtv_08_04_enus
CLDFND: Server & Infrastructure Virtualization	it_ccnacdtv_09_03_enus
CLDFND: Cisco Cloud Virtualization	it_ccnacdtv_10_04_enus
CLDFND: Virtual Networking Services	it_ccnacdtv_11_03_enus
CLDFND: VLANs & VXLANs	it_ccnacdtv_12_enus
CLDFND: Virtual Application Containers	it_ccnacdtv_13_04_enus
CLDFND: Cisco Unified Fabric	it_ccnacdtv_14_enus
CLDFND: Software-Defined Networking	it_ccnacdtv_15_enus
CLDFND: Cisco Application Centric Infrastructure	it_ccnacdtv_16_enus
CLDFND: Storage Provisioning	it_ccnacdtv_17_enus
CLDFND: Storage Access Technologies	it_ccnacdtv_18_enus
CLDFND: Block & File Storage Access	it_ccnacdtv_19_enus
CLDFND: SAN, NAS, & Cisco Storage Network Devices	it_ccnacdtv_20_enus
CLDFND: Integrated Infrastructure & Cisco InterCloud Fabric	it_ccnacdtv_21_enus
Test Prep: 210-451 Understanding Cisco Cloud Fundamentals (CLDFND), cc_uccf_a01_tp_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

Microsoft Server 2016 – Install, Store, and Compute (70-740)	
ACE #: SKIL-0198	
# of Credits: 3 Hours Lower Division in	
Network Operating Systems or Network Servers	
Expires: 12/31/2022	
COURSE TITLE	COURSE NUMBER
Server 2016: Install, Store, and Compute: Installation Options	it_oscsao_01_enus
Server 2016: Install, Store, and Compute: Upgrades, Migrations, & Activation Models	it_oscsao_02_enus
Server 2016: Install, Store, and Compute: Backup Strategies & Server Monitoring	it_oscsao_03_enus
Server 2016: Install, Store, and Compute: Image Deployment Management	it_oscsao_04_enus
Server 2016: Install, Store, and Compute: Disk & Volume Configuration	it_oscsao_06_enus

Server 2016: Install, Store, and Compute: Server Storage Solutions	it_oscsao_07_enus
Server 2016: Install, Store, and Compute: Data Deduplication & Hyper-V Setup	it_oscsao_08_enus
Server 2016: Install, Store, and Compute: Virtual Machine (VM) Settings	it_oscsao_09_enus
Server 2016: Install, Store, and Compute: Hyper-V Storage Configuration	it_oscsao_10_enus
Server 2016: Install, Store, and Compute: Hyper-V Networking Configuration	it_oscsao_11_enus
Server 2016: Install, Store, and Compute: Windows Container Deployment	it_oscsao_12_enus
Server 2016: Install, Store, and Compute: Windows Container Management and Hyper-V	it_oscsao_13_enus
Server 2016: Install, Store, and Compute: Failover Clustering Strategies	it_oscsao_14_enus
Server 2016: Install, Store, and Compute: Managing High Availability Solutions	it_oscsao_15_enus
Server 2016: Install, Store, and Compute: VM Motion and Network Load Balancing	it_oscsao_16_enus
Test Prep: 70-740 Installation, Storage, and Compute with Windows Server 2016, os_csao_a01_tp_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>Microsoft Server 2016 – Networking (70-741)</u>	
ACE #: SKIL-0199	
# of Credits: 3 Hours Lower Division in	
<u>Network Operating Systems or Network Servers</u>	
Expires: 12/31/2022	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Server 2016: Networking: IPv4 & IPv6 Address Management	it_oscsat_01_enus
Server 2016: Networking: DHCP Configuration	it_oscsat_02_enus
Server 2016: Networking: DHCP Management	it_oscsat_03_enus
Server 2016: Networking: DNS Configuration	it_oscsat_04_enus
Server 2016: Networking: DNS Zones & Records	it_oscsat_05_enus
Server 2016: Networking: IP Address Management Configuration	it_oscsat_06_enus
Server 2016: Networking: DNS & DHCP Management Using IPAM	it_oscsat_07_enus
Server 2016: Networking: Network Connectivity & Remote Access	it_oscsat_08_enus
Server 2016: Networking: Network Policy Server	it_oscsat_09_enus

Server 2016: Networking: Distributed File System & Branch Office Solutions	it oscsat 10 enus
Server 2016: Networking: Advanced Network Infrastructures	it oscsat 11 enus
Test Prep: 70-741 Networking with Windows Server 2016, ep_oscsat_a01_tp_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>Microsoft Server 2016 – Identity (70-742)</u> <u>ACE #: SKIL-0200</u> <u># of Credits: 3 Hours Lower Division in</u> <u>Network Operating Systems or Network Servers</u> <u>Expires: 12/31/2022</u>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Server 2016 - Identity: Active Directory Domain Controllers	it oscsaw 01 enus
Server 2016 - Identity: Active Directory Accounts & Permissions	it oscsaw 02 enus
Server 2016 - Identity: Active Directory Groups & Organizational Units	it oscsaw 03 enus
Server 2016 - Identity: Active Directory Service Authentication & Account Policies	it oscsaw 04 enus
Server 2016 - Identity: Active Directory Maintenance & Recovery	it oscsaw 05 enus
Server 2016 - Identity: Active Directory Trusts & Sites	it oscsaw 06 enus
Server 2016 - Identity: Active Directory Group Policy Objects	it oscsaw 07 enus
Server 2016 - Identity: Active Directory Group Policy Processing	it oscsaw 08 enus
Server 2016 - Identity: Active Directory Group Policy Settings	it oscsaw 09 enus
Server 2016 - Identity: Active Directory Group Policy Preferences	it oscsaw 10 enus
Server 2016 - Identity: Active Directory Certificate Services	it oscsaw 11 enus
Server 2016 - Identity: Active Directory Federation Services & Web Application Proxy	it oscsaw 12 enus
Server 2016 - Identity: Active Directory Rights Management Services	it oscsaw 13 enus
Test Prep: 70-742 Identity with Windows Server 2016, ep_oscsaw_a01_tp_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

Microsoft SQL Server 2016 – Querying (70-761)

ACE #: SKIL-0201

of Credits: 1 Hours Lower Division in

Relational Databases or SQL

Expires: 12/31/2022

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
T-SQL Querying	df sqlq_a01_it_enus
Querying and Manipulating Data	df sqlq_a02_it_enus
Filter and Modify Data in SQL Server 2016	df sqlq_a03_it_enus
Using Functions in SQL Server 2016	df sqlq_a04_it_enus
Aggregating Data in SQL Server 2016	df sqlq_a05_it_enus
Subqueries and Predicate	df sqlq_a06_it_enus
Operators and Expressions in SQL Server 2016	df sqlq_a07_it_enus
Database Programmability Objects and Non-Relational Data	df sqlq_a08_it_enus
Test Prep: 70-761 Querying Data with Transact SQL, ep_dfsqlq_a01_tp_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

Oracle Database 12c R2 SQL (1Z0-071)

ACE #: SKIL-0202

of Credits: 3 Hours Lower Division in

Relational Databases or SQL

Expires: 12/31/2022

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Oracle Database 12c R2 SQL: Using Structured Query Language (SQL)	it dfosfd_01_enus
Oracle Database 12c R2 SQL: Data Manipulation Language and Transaction Control Language	it dfosfd_02_enus
Oracle Database 12c R2 SQL: Using Basic SELECT statements	it dfosfd_03_enus
Oracle Database 12c R2 SQL: Conversion Functions and Conditional Expressions	it dfosfd_04_enus
Oracle Database 12c R2 SQL: Displaying Data from Multiple Tables	it dfosfd_05_enus
Oracle Database 12c R2 SQL: Using the Set Operators	it dfosfd_06_enus

Oracle Database 12c R2 SQL: Managing Objects with Data Dictionary Views	it_dfosfd_07_enus
Oracle Database 12c R2 SQL: Managing Schema Objects	it_dfosfd_08_enus
Oracle Database 12c R2 SQL: Data Definition Language (DDL)	it_dfosfd_09_enus
Oracle Database 12c R2 SQL: SQL*Plus	it_dfosfd_10_enus
Oracle Database 12c R2 SQL: Restricting and Sorting Data	it_dfosfd_11_enus
Oracle Database 12c R2 SQL: Using Single-Row Functions to Customize Output	it_dfosfd_12_enus
Oracle Database 12c R2 SQL: Reporting Aggregated Data Using the Group Functions	it_dfosfd_13_enus
Oracle Database 12c R2 SQL: Using Subqueries to Solve Queries	it_dfosfd_14_enus
Oracle Database 12c R2 SQL: Creating Other Schema Objects	it_dfosfd_15_enus
Oracle Database 12c R2 SQL: Controlling User Access	it_dfosfd_16_enus
Oracle Database 12c R2 SQL: Manipulating Data Using Advanced Queries	it_dfosfd_17_enus
Test Prep: 1Z0-071 Oracle Database SQL, it_dfosfd_a01_tp_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>Oracle Java SE 8 Programmer I (1Z0-808) and Programmer II (1Z0-809)</u>	
<u>ACE #: SKIL-0203</u>	
<u># of Credits: 3 Hours Lower Division in</u>	
<u>Introduction to Programming or Java</u>	
<u>Expires: 12/31/2022</u>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Java SE 8 Fundamentals: Introduction to Java	jl_jsee_a01_it_enus
Java SE 8 Fundamentals: Classes and Objects	jl_jsee_a02_it_enus
Java SE 8 Fundamentals: Methods, Encapsulation, and Conditionals	jl_jsee_a03_it_enus
Java SE 8 Fundamentals: Data Manipulation and Inheritance	jl_jsee_a04_it_enus
Java SE 8 Fundamentals: Interfaces, Exceptions, and Deployment	jl_jsee_a05_it_enus
Java SE 8 Programming: Encapsulation, Polymorphism, and Abstraction	jl_sepr_a01_it_enus

Java SE 8 Programming: Interfaces, Lambda Expressions, Collections, and Generics	jl_sepr_a02_it_enus
Java SE 8 Programming: Inheritance, Interfaces, Exceptions, and Deployment	jl_sepr_a03_it_enus
Java SE 8 Programming: Date/Time API, I/O and File I/O (NIO.2), and Concurrency	jl_sepr_a04_it_enus
Java SE 8 Programming: Concurrency, Parallelism, the JDBC API, and Localization	jl_sepr_a05_it_enus
TestPrep: 1Z0-808 Java SE 8 Programmer I, jl_jsee_a01_tp_enus and TestPrep 1Z0-809 Java SE 8 Programmer II, jl_sepr_a01_tp_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>Skillsoft Data Science Aspire Journey – Data Analyst Track</u>	
<u>ACE #: SKIL-0204</u>	
<u># of Credits: 2 Hours Lower Division in</u>	
<u>Data Science</u>	
<u>Expires: 12/31/2022</u>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Python - Introduction to NumPy for Multi-dimensional Data	it_dspydsdj_01_enus
Python - Advanced Operations with NumPy Arrays	it_dspydsdj_02_enus
Python - Introduction to Pandas and DataFrames	it_dspydsdj_03_enus
Python - Manipulating & Analyzing Data in Pandas DataFrames	it_dspydsdj_04_enus
R Data Structures	it_dsrfdsdj_01_enus
Importing & Exporting Data using R	it_dsrfdsdj_02_enus
Data Exploration using R	it_dsrfdsdj_03_enus
R Regression Methods	it_dsrfdsdj_04_enus
R Classification & Clustering	it_dsrfdsdj_05_enus
Simple Descriptive Statistics	it_dssds1dj_01_enus
Common Approaches to Sampling Data	it_dssds1dj_02_enus
Inferential Statistics	it_dssds1dj_03_enus
Apache Spark Getting Started	it_dsadskdj_01_enus
Hadoop & MapReduce Getting Started	it_dshpfddj_01_enus
Developing a Basic MapReduce Hadoop Application	it_dshpfddj_02_enus
Hadoop HDFS Getting Started	it_dshdfsdj_01_enus
Introduction to the Shell for Hadoop HDFS	it_dshdfsdj_02_enus
Working with Files in Hadoop HDFS	it_dshdfsdj_03_enus
Hadoop HDFS File Permissions	it_dshdfsdj_04_enus
Data Silos, Lakes, & Streams Introduction	it_dsdslsdj_01_enus
Data Lakes on AWS	it_dsdslsdj_02_enus

Data Lake Sources, Visualizations, & ETL Operations Applied Data Analysis	it_dsdsldj_03_enus it_dsdaapdj_01_enus
Final Exam: Data Science Track 1: Data Analyst	ds_dadsdj_a01_fe_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>Skillsoft Data Science Aspire Journey – Data Wrangler Track</u>	
<u>ACE #: SKIL-0205</u>	
<u># of Credits: 2 Hours Lower Division in</u>	
<u>Data Science or Data Engineering</u>	
<u>Expires: 12/31/2022</u>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Python - Using Pandas to Work with Series & DataFrames	it_dsdwppdj_01_enus
Python - Using Pandas for Visualizations and Time-Series Data	it_dsdwppdj_02_enus
Python - Pandas Advanced Features	it_dsdwppdj_03_enus
Cleaning Data in R	it_dscdirj_01_enus
Technology Landscape & Tools for Data Management	it_dsprtdj_01_enus
Machine Learning & Deep Learning Tools in the Cloud	it_dsprtdj_02_enus
Data Wrangling with Trifacta	it_dstrdwdj_01_enus
MongoDB Querying	it_dsmgswdj_01_enus
MongoDB Aggregation	it_dsmgswdj_02_enus
Getting Started with Hive	it_dsgshvdj_01_enus
Loading & Querying Data with Hive	it_dsgshvdj_02_enus
Viewing & Querying Complex Data with Hive	it_dsgshvdj_03_enus
Optimizing Query Executions with Hive	it_dsgshvdj_04_enus
Using Hive to Optimize Query Executions with Partitioning	it_dsgshvdj_05_enus
Bucketing & Window Functions with Hive	it_dsgshvdj_06_enus
Filtering Data Using Hadoop MapReduce	it_dshpfddj_03_enus
Hadoop MapReduce Applications With Combiners	it_dshpfddj_04_enus
Advanced Operations Using Hadoop MapReduce	it_dshpfddj_05_enus
Data Analysis Using the Spark DataFrame API	it_dsadskdj_02_enus
Data Analysis using Spark SQL	it_dsadskdj_03_enus
Data Lake Framework & Design Implementation	it_dsdlipdj_01_enus
Data Lake Architectures & Data Management Principles	it_dsdlipdj_02_enus
Data Architecture Deep Dive - Design & Implementation	it_dsfdadj_01_enus
Data Architecture Deep Dive - Microservices & Serverless Computing	it_dsfdadj_02_enus

ds_dwdsdj_a01_fe_en us
Final Exam: Data Science Track 2: Data Wrangler
Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)

<u>Skillsoft Data Science Aspire Journey – Data Ops Track</u> <u>ACE #: SKIL-0206</u> <u># of Credits: 3 Hours Lower Division in</u> <u>Data Science, Cloud Development, or Data Project Development</u> Expires: 12/31/2022	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Data Science Tools	it_dsdtaldj_01_enus
Delivering Dashboards - Management Patterns	it_dsdedsdj_01_enus
Delivering Dashboards - Exploration & Analytics	it_dsdedsdj_02_enus
Cloud Architecture & Containerization	it_dsadardj_01_enus
Cloud Data Management & Adoption Frameworks	it_dsadardj_02_enus
Data Compliance Issues & Strategies	it_dsgistdj_01_enus
Implementing Governance Strategies	it_dsengsdj_01_enus
Data Access Governance & IAM	it_dsgpaccdj_01_enus
Data Classification, Encryption, & Monitoring	it_dsgpaccdj_02_enus
Getting Started with Streaming Data Architectures in Spark	it_dssdardj_01_enus
Processing Streaming Data with Spark	it_dssdardj_02_enus
Scalable Data Architectures Getting Started	it_dssdarcdj_01_enus
Scalable Data Architectures Using Amazon Redshift	it_dssdarcdj_02_enus
Scalable Data Architectures using Amazon Redshift & QuickSight	it_dssdarcdj_03_enus
Building Data Pipelines	it_dsbdpidj_01_enus
Data Pipeline: Process Implementation Using Tableau & AWS	it_dsdpbdj_01_enus
Data Pipeline: Using Frameworks for Advanced Data Management	it_dsdpbdj_02_enus
Integrating Data Sources from the Edge	it_dsidsedj_01_enus
Implementing Edge Data on the Cloud	it_dsidsedj_02_enus
Securing Big Data Streams	it_dssdssdj_01_enus
Turning Big Data into Smart Data	it_dshdvvdj_01_enus
Transaction Rollbacks & Their Impact	it_dsdrldj_01_enus
Transaction Management & Rollbacks in NoSQL	it_dsdrldj_02_enus
ds_dodsdj_a01_fe_enu s	
Final Exam: Data Science Track 3: DataOps	
Proctor Signature/Date Completed/Score:	
(User has 3 attempts to pass the Exam)	

Skillsoft Data Science Aspire Journey – Data Scientist Track

ACE #: SKIL-0207

**# of Credits: 3 Hours Upper Division in
Data Science**

Expires: 12/31/2022

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
The Four Vs of Data	it_dsbfvddj_01_enus
Data Driven Organizations	it_dsevtddj_01_enus
Raw Data Ingestion & Statistical Analysis	it_dsrdindj_01_enus
Raw Data Management & Decision Making Insights	it_dsrdindj_02_enus
Real Time Dashboards with Tableau	it_dscrdsdj_01_enus
Crafting a Story with Data	it_dssttdj_01_enus
Storytelling with Tableau and PowerBI	it_dssttdj_02_enus
Data Visualization Using Python and Seaborn	it_dspydsdj_05_enus
Advanced Data Visualization Using Python & Seaborn	it_dspydsdj_06_enus
Using Python to Compute & Visualize Statistics	it_dssds2dj_01_enus
Advanced Dashboards Using Python	it_dsavdsdj_01_enus
R Data Visualization	it_dsrfdsdj_06_enus
Advanced Data Visualization Using R	it_dsavdsdj_02_enus
Data Recommendation Engines	it_dsprendj_01_enus
Data Insights, Anomalies, & Verification - Handling Anomalies	it_dsdiavdj_01_enus
Data Insights, Anomalies, & Verification - Machine Learning & Visualization Tools	it_dsdiavdj_02_enus
Applied Inferential Statistics	it_dssds2dj_02_enus
Data Research Techniques	it_dsdrptdj_01_enus
Data Research Exploration Techniques	it_dsdrptdj_02_enus
Data Research Statistical Approaches	it_dsdrptdj_03_enus
Machine & Deep Learning Algorithms and Introduction	it_dsmdladj_01_enus
Machine & Deep Learning Algorithms Regression & Clustering	it_dsmdladj_02_enus
Machine & Deep Learning Algorithms Data Preparation in Pandas ML	it_dsmdladj_03_enus
Machine & Deep Learning Algorithms Imbalanced Datasets Using Pandas ML	it_dsmdladj_04_enus
Creating Data APIs Using Node.js	it_dscdacdj_01_enus
	ds_dsdscj_a01_fe_enu s
Final Exam: Data Science Track 4: Data Scientist	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

Application Developer to Blockchain Solutions Architect

ACE #: SKIL-0209

of Credits: 3

Expires: 31 August 2024

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Blockchain Aspire Journey - Blockchain Application Developer	
Blockchains & Ethereum: Introduction	it_bcinbedj_01_enus
Blockchains & Ethereum: Performing Transactions in Ethereum	it_bcinbedj_02_enus
Blockchains & Ethereum: Mining & Smart Contracts in Ethereum	it_bcinbedj_03_enus
Working with Ethereum: Storing Data	it_bcwktdj_01_enus
Working with Ethereum: Smart Contract Development	it_bcwktdj_02_enus
Working with Ethereum: Metamask & the Ethereum Wallet	it_bcwktdj_03_enus
Working with Ethereum: The Geth Client	it_bcwktdj_04_enus
Working with Ethereum: Lifecycle of a Smart Contract	it_bcwktdj_05_enus
Working with Ethereum: Tools for Smart Contract Development	it_bcwktdj_06_enus
Blockchain Application Developer – Mandatory Lab	pit_bledj1
Blockchain Aspire Journey - Blockchain Smart Contracts Programmer	
Smart Contracts & Hyperledger Fabric: Foundations of Hyperledger Fabric	it_bcbschdj_01_enus
Smart Contracts & Hyperledger Fabric: Setting Up a Hyperledger Fabric Network	it_bcbschdj_02_enus
Smart Contracts & Hyperledger Fabric: Working with Fabric Chaincode in Golang	it_bcbschdj_03_enus
Smart Contracts & Hyperledger Fabric: Working with Fabric Chaincode in Node.js	it_bcbschdj_04_enus
Smart Contracts & Hyperledger Fabric: Hyperledger Fabric Web App	it_bcbschdj_05_enus
Smart Contracts & Hyperledger Fabric: Hyperledger Composer Playground	it_bcbschdj_06_enus
Smart Contracts & Hyperledger Fabric: Web Apps for Hyperledger Composer Networks	it_bcbschdj_07_enus
Ethereum Smart Contracts with Solidity: An Overview of Ethereum and Solidity	it_bccscsdj_01_enus
Ethereum Smart Contracts with Solidity: Features of the Solidity Language	it_bccscsdj_02_enus
Ethereum Smart Contracts with Solidity: The Remix Solidity IDE	it_bccscsdj_03_enus
Ethereum Smart Contracts with Solidity: Functions in Solidity	it_bccscsdj_04_enus
Ethereum Smart Contracts with Solidity: Ether Transfer Operations in Solidity	it_bccscsdj_05_enus
Ethereum Smart Contracts with Solidity: Data & Control Structures in Solidity	it_bccscsdj_06_enus
Ethereum Smart Contracts with Solidity: Build Decentralized Apps	it_bccscsdj_07_enus
Smart Contracts Programmer – Mandatory Lab	pit_bledj2
Blockchain Aspire Journey - Blockchain Engineer	
Blockchain & Hyperledger Fabric: An Overview of Blockchain Technology	it_bcihfhdj_01_enus
Blockchain & Hyperledger Fabric: An Overview of Hyperledger	it_bcihfhdj_02_enus
Blockchain & Hyperledger Fabric: The Hyperledger Fabric	it_bcihfhdj_03_enus
Truffle Suite: Introduction	it_bcwtfsdj_01_enus

Truffle Suite: BlockBuilding Private Blockchain Networks with Ganache	it_bcwtfsdj_02_enus
Truffle Suite: Automating Development with the Truffle Framework	it_bcwtfsdj_03_enus
Truffle Suite: Using Drizzle to Build Decentralized Apps	it_bcwtfsdj_04_enus
Blockchain Engineer – Mandatory Lab	pit_bledj3
Blockchain Aspire Journey - Blockchain Solutions Architect	
Cloud Blockchains: An Introduction to Blockchain on the Cloud	it_bcachfdj_01_enus
Cloud Blockchains: Single Organization Networks on Amazon Managed Blockchain	it_bcachfdj_02_enus
Cloud Blockchains: Multi-Organization Networks on Amazon Managed Blockchain	it_bcachfdj_03_enus
Cloud Blockchains: Building Apps on the Azure Blockchain Workbench	it_bcachfdj_04_enus
Building Decentralized Applications for Ethereum: An Introduction to dApps	it_bcbdaedj_01_enus
Building Decentralized Applications for Ethereum: Building the Back End	it_bcbdaedj_02_enus
Building Decentralized Applications for Ethereum: Building the Front End	it_bcbdaedj_03_enus
Building Decentralized Applications for Ethereum: Bespoke Ethereum	it_bcbdaedj_04_enus
Blockchain Tokens	
Blockchain Solutions Architect – Mandatory Lab	pit_bledj3
Final Exam: Blockchain Application Developer	it_febca_01_enus
Final Exam: Blockchain Smart Contracts Programmer	it_febca_02_enus
Final Exam: Blockchain Engineer	it_febca_03_enus
Final Exam: Blockchain Solutions Architect	it_febca_04_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>AI Apprentice to AI Architect</u> ACE #: SKIL-0210 # of Credits: 3 Expires: 31 August 2024	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
AI Developer Aspire Journey - AI Apprentice	
Artificial Intelligence: Basic AI Theory	it_aiaptdj_01_enus
Artificial Intelligence: Types of Artificial Intelligence	it_aiaptdj_02_enus
Artificial Intelligence: Human-computer Interaction Overview	it_aiaphcidj_01_enus
Artificial Intelligence: Human-computer Interaction Methodologies	it_aiaphcidj_02_enus
Python AI Development: Introduction	it_aiappddj_01_enus
Python AI Development: Practice	it_aiappddj_02_enus
Computer Vision: Introduction	it_aiapcvdj_01_enus
Computer Vision: AI & Computer Vision	it_aiapcvdj_02_enus
Cognitive Models: Overview of Cognitive Models	it_aiapcmdj_01_enus

Cognitive Models: Approaches to Cognitive Learning AI Apprentice – Mandatory Lab	it_aiapcmdj_02_enus pit_aiadj1
AI Developer Aspire Journey - AI Developer	
Implementing AI With Amazon ML	it_aiamldj_01_enus
AI Framework Overview: AI Developer Role	it_aifidodj_01_enus
AI Framework Overview: Development Frameworks	it_aifidodj_02_enus
Working with Google BERT: Elements of BERT	it_aigbrtdj_01_enus
Keras - a Neural Network Framework	it_aikeradj_01_enus
Working With Microsoft Cognitive Toolkit (CNTK)	it_aimsdkdj_01_enus
Applying AI to Robotics	it_airbctdj_01_enus
Implementing AI Using Cognitive Modeling	it_aispcgdj_01_enus
Introducing Apache Spark for AI Development	it_aisprkdj_01_enus
AI Developer – Mandatory Lab	pit_aiadj2
AI Developer Aspire Journey - AI Practitioner	
Using Intelligent Information Systems in AI	it_aibiisdj_01_enus
Extending Amazon Machine Learning	it_aiexamdj_01_enus
Working With the Keras Framework	it_aiexksdj_01_enus
Advanced Functionality of Microsoft Cognitive Toolkit (CNTK)	it_aiexmsdj_01_enus
Using Apache Spark for AI Development	it_aiexspdj_01_enus
The AI Practitioner: Role & Responsibilities	it_aiopracdj_01_enus
The AI Practitioner: Optimizing AI Solutions	it_aiopracdj_02_enus
The AI Practitioner: Tuning AI Solutions	it_aiopracdj_03_enus
AI Practitioner	pit_aiadj3
AI Developer Aspire Journey - AI Architect	
Elements of an Artificial Intelligence Architect	it_aiarchdj_01_enus
Leveraging Reusable AI Architecture Patterns	it_aidsptdj_01_enus
AI Enterprise Planning	it_aientpdj_01_enus
Evaluating Current and Future AI Technologies and Frameworks	it_aievaldj_01_enus
Explainable AI	it_aiexpldj_01_enus
AI in Industry	it_aiindtdj_01_enus
AI Architect – Mandatory Lab	pit_aiadj4
Final Exam: AI Apprentice	it_feaia_01_enus
Final Exam: AI Developer	it_feaia_02_enus
Final Exam: AI Architect	it_feaia_04_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

Cisco Certified Network Associate

ACE #: SKIL-0211

of Credits: 3

Expires: 31 August 24

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
CCNA 2020: Networking Components	it_ccna2020tv_01_enus
CCNA 2020: Networking Components - NGFW, NGIPS, & Cisco DNA Center	it_ccna2020tv_02_enus
CCNA 2020: WLCs, Access Points, Servers, & Endpoints	it_ccna2020tv_03_enus
CCNA 2020: Network Topology Architectures	it_ccna2020tv_04_enus
CCNA 2020: Network Topology Architectures - WAN, Cloud, & SOHO	it_ccna2020tv_05_enus
CCNA 2020: Layer 1 Interfaces & Cabling	it_ccna2020tv_06_enus
CCNA 2020: Layer 1 Physical & Configuration Issues	it_ccna2020tv_07_enus
CCNA 2020: Networking Protocols	it_ccna2020tv_08_enus
CCNA 2020: IP Addressing Basics & Configuration	it_ccna2020tv_09_enus
CCNA 2020: IPv4 Subnetting	it_ccna2020tv_10_enus
CCNA 2020: IPv6 Addressing & Configuration	it_ccna2020tv_11_enus
CCNA 2020: Virtualization Concepts	it_ccna2020tv_12_enus
CCNA 2020: Network Access, VLAN Configuration, & Interswitch Connectivity	it_ccna2020tv_13_enus
CCNA 2020: L2 Discovery Protocols & L2 and L3 EtherChannel Configuration	it_ccna2020tv_14_enus
CCNA 2020: Spanning Tree Protocol	it_ccna2020tv_15_enus
CCNA 2020: Cisco Wireless Architecture & WLAN Components	it_ccna2020tv_16_enus
CCNA 2020: Cisco WLC Configuration & Wireless Management Access	it_ccna2020tv_17_enus
CCNA 2020: Static Routing	it_ccna2020tv_18_enus
CCNA 2020: Dynamic Routing	it_ccna2020tv_19_enus
CCNA 2020: Configuring & Verifying NAT	it_ccna2020tv_20_enus
CCNA 2020: NTP, DNS, & DHCP	it_ccna2020tv_21_enus
CCNA 2020: SNMP, Syslog, & PHB for QoS	it_ccna2020tv_22_enus
CCNA 2020: Configuring SSH, FTP, & TFTP	it_ccna2020tv_23_enus
CCNA 2020: IT Security Concepts	it_ccna2020tv_24_enus
CCNA 2020: Security Program & Password Policy Components	it_ccna2020tv_25_enus
CCNA 2020: AAA Security & VPN Types	it_ccna2020tv_26_enus
CCNA 2020: Configuring & Verifying ACLs	it_ccna2020tv_27_enus
CCNA 2020: Configuring Port Security, DHCP Snooping, & DAI	it_ccna2020tv_28_enus
CCNA 2020: Automation, Network Programmability, & SDN Architectures	it_ccna2020tv_29_enus
CCNA 2020: APIs & Cisco DNA Center	it_ccna2020tv_30_enus
CCNA 2020: Configuration Management & JSON Encoded Data	it_ccna2020tv_31_enus
Cisco Certified Network Associate (CCNA) – Optional Lab	pit_200_301
TestPrep: Cisco Certified Network Associate (CCNA)	it_ccna20_a01_tp_enus

Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)

CompTIA Security+ (SY0-601)

ACE #: SKIL-0212

of Credits: 3

Expires: 31 August 24

COURSE TITLE

COURSE NUMBER

CompTIA Security+: Social Engineering Techniques & Other Attack Types	it_cssecp2020_01_enus
CompTIA Security+: Analyzing Application & Network Attacks	it_cssecp2020_02_enus
CompTIA Security+: Threat Actors, Intelligence Sources, & Vulnerabilities	it_cssecp2020_03_enus
CompTIA Security+: Security Assessment & Penetration Testing Techniques	it_cssecp2020_04_enus
CompTIA Security+: Security Concepts in an Enterprise Environment	it_cssecp2020_05_enus
CompTIA Security+: Implementing Cybersecurity Resilience	it_cssecp2020_06_enus
CompTIA Security+: Virtualization, Cloud Computing, & Cloud Cybersecurity Solutions	it_cssecp2020_07_enus
CompTIA Security+: Controls & Application Development, Deployment, & Automation	it_cssecp2020_08_enus
CompTIA Security+: Authentication & Authorization Design Concepts	it_cssecp2020_09_enus
CompTIA Security+: Implementing Identity and Account Management & AAA Solutions	it_cssecp2020_10_enus
CompTIA Security+: Physical Security Controls	it_cssecp2020_11_enus
CompTIA Security+: Basic Cryptography & Public Key Infrastructure	it_cssecp2020_12_enus
CompTIA Security+: Implementing Secure Protocols & Application Security Solutions	it_cssecp2020_13_enus
CompTIA Security+: Implementing Secure Network Designs	it_cssecp2020_14_enus
CompTIA Security+: Wireless, Mobile, & Embedded Device Security	it_cssecp2020_15_enus
CompTIA Security+: Organizational Security Assessment Tools & Mitigation Controls	it_cssecp2020_16_enus
CompTIA Security+: Incident Response, Digital Forensics, & Supporting Investigations	it_cssecp2020_17_enus
CompTIA Security+: Security Policies, Regulations, Standards, & Frameworks	it_cssecp2020_18_enus
CompTIA Security+: Risk Management, Privacy, & Sensitive Data Security	it_cssecp2020_19_enus
CompTIA Security+: Monitoring, Visibility, & Reporting	it_cssecp2020_20_enus
CompTIA Security+ (SY0-601) – Optional Lab	pit_sy0_601

TestPrep: CompTIA Security+ (SY0-601)

it_sy0601_a01_tp_enus

**Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)**

Apprentice Programmer Journey - Web Programmer and Web Apps Developer

ACE #: SKIL-0213

of Credits: 3

Expires: 31 August 24

COURSE TITLE

COURSE NUMBER

Apprentice Programmer Journey - Web Programmer

JavaScript: Introduction	it_apcgjsdj_01_enus
JavaScript: Getting Started with JavaScript Programming	it_apcgjsdj_02_enus
JavaScript: Types, Operators, & Control Structures in JavaScript	it_apcgjsdj_03_enus
JavaScript: Functions & Arrays in JavaScript	it_apcgjsdj_04_enus
JavaScript: Objects	it_apcgjsdj_05_enus
JavaScript: Advanced Function Operations	it_apcgjsdj_06_enus
JavaScript: Closures & Prototypes	it_apcgjsdj_07_enus
JavaScript: Working with the DOM & Events	it_apcgjsdj_08_enus
JavaScript: Form Validation & Async Programming	it_apcgjsdj_09_enus
Web Programmer – Mandatory Lab	pit_wpap1

Apprentice Programmer Journey - Web Apps Developer

Build Apps Using React: Introducing React for Web Applications	it_apbiardj_01_enus
Build Apps Using React: Local Machine & Online Playgrounds	it_apbiardj_02_enus
Build Apps Using React: Props & State	it_apbiardj_03_enus
Build Apps Using React: Working with Events	it_apbiardj_04_enus
Build Apps Using React: Working with Forms	it_apbiardj_05_enus
Build Apps Using React: Advanced Features in React	it_apbiardj_06_enus
Build Apps Using React: In Development & Production	it_apbiardj_07_enus
Web Apps Developer – Mandatory Lab	pit_wpap2

Final Exam: Web Programmer

it_fewpap_01_enus

Final Exam: Web Apps Developer

it_fewpap_02_enus

Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)

Apprentice Programmer Journey - Novice and Apprentice Programmer

ACE #: SKIL-0214

of Credits: 3

Expires: 31 August 24

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Apprentice Programmer Journey - Novice Programmer	
Building Web Apps Using Django: Introduction to Web Frameworks & Django	it_apbwaddj_01_enus
Building Web Apps Using Django: Building a Basic Website	it_apbwaddj_02_enus
Building Web Apps Using Django: Templates & User Administration	it_apbwaddj_03_enus
Building Web Apps Using Django: Models & User Registration	it_apbwaddj_04_enus
Building Web Apps Using Django: Implementing Login & Logout	it_apbwaddj_05_enus
Building Web Apps Using Django: Generic Views	it_apbwaddj_06_enus
MySQL: Getting Started	it_aplumgdj_01_enus
MySQL: Creating & Updating Tables	it_aplumgdj_02_enus
MySQL: Querying Data	it_aplumgdj_03_enus
MySQL: Understanding & Implementing Joins	it_aplumgdj_04_enus
MySQL: Grouping & Aggregation Operations	it_aplumgdj_05_enus
MySQL: Views, Indices, & Normal Forms	it_aplumgdj_06_enus
MySQL: Triggers & Stored Procedures	it_aplumgdj_07_enus
MySQL: Transactions, Savepoints, & Locks	it_aplumgdj_08_enus
Novice Programmer – Mandatory Lab	pit_wpap3
Apprentice Programmer Journey - Apprentice Programmer	
Design Patterns in JavaScript: Getting Started	it_apdpjsdj_01_enus
Design Patterns in JavaScript: Constructor, Factory, & Abstract Factory Creational Patterns	it_apdpjsdj_02_enus
Design Patterns in JavaScript: Singleton, Prototype, & Builder Creational Patterns	it_apdpjsdj_03_enus
Design Patterns in JavaScript: Module, Revealing Module, Façade, Decorator, & Mixin Structural Patterns	it_apdpjsdj_04_enus
Design Patterns in JavaScript: Flyweight, Adapter, Composite, & Proxy Structural Patterns	it_apdpjsdj_05_enus
Design Patterns in JavaScript: Observer & Iterator Behavioral Patterns	it_apdpjsdj_06_enus
Design Patterns in JavaScript: Mediator, State, & Command Behavioral Patterns	it_apdpjsdj_07_enus
Unit Testing in JavaScript: Mocha & Unit.js	it_aputjsdj_01_enus
Unit Testing in JavaScript: Should.js & Must.js	it_aputjsdj_02_enus

Unit Testing in JavaScript: Exploring & Configuring the Mocha Testing Framework	it_aputjsdj_03_enus
Unit Testing in JavaScript: Mocha & Chai	it_aputjsdj_04_enus
Unit Testing in JavaScript: SinonJS	it_aputjsdj_05_enus
Apprentice Programmer - Mandatory Lab	pit_wpap4
Final Exam: Novice Programmer	it_fewpap_03_enus
Final Exam: Apprentice Programmer	it_fewpap_04_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>Security Architect Journey</u> <u>ACE #: SKIL-0215</u> <u># of Credits: 3</u> <u>Expires: 31 August 24</u>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Security Architect - Security Analyst	
Information Security: APT Defenses	it_saseandj_01_enus
Information Security: NACs & Gateways	it_saseandj_02_enus
Information Security: Subnetting & DNS for Security Architects	it_saseandj_03_enus
Information Security: Securing Networking Protocols	it_saseandj_04_enus
Information Security: Hardened Security Topologies	it_saseandj_05_enus
Information Security: Continual Infrastructure Testing	it_saseandj_06_enus
Information Security: Security Governance	it_saseandj_07_enus
Information Security: Honey Pots	it_saseandj_08_enus
Information Security: Pen Testing	it_saseandj_09_enus
Session & Risk Management	it_spcs101dj_01_enus
Auditing & Incident Response	it_spcs101dj_02_enus
An Executive's Guide to Security: Understanding Security Threats	it_spcsegdj_01_enus
An Executive's Guide to Security: Protecting Your Information	it_spcsegdj_02_enus
Security Analyst – Mandatory Lab	pit_sadj1
Security Architect - Forensic Analyst	
Anomaly Detection: Aspects of Anomaly Detection	it_saandtdj_01_enus
Anomaly Detection: Network Anomaly Detection	it_saandtdj_02_enus
Cryptography: Introduction to Cryptography Services	it_sabacrdj_01_enus
Cryptography: Introduction to PKI	it_sabacrdj_02_enus

Digital Forensic Techniques & Investigative Approaches	it_sadgfrdj_01_enus
Ethics & Privacy: Digital Forensics	it_saetpvdj_01_enus
End-User Security: The End-User Perspective	it_saeusadj_01_enus
End-User Security: The Security Administrator Perspective	it_saeusadj_02_enus
End-User Security: Securing End Users against Attackers	it_saeusadj_03_enus
Risk Analysis: Security Risk Management	it_sarkandj_01_enus
Cyber Security Audits	it_saseaudj_01_enus
Security Software Assessments	it_sassasdj_01_enus
Forensics Analyst	pit_sadj2
Final Exam: Forensics Analyst	it_fesasa_02_enus

Security Architect - Vulnerability Analyst

Authentication & Encryption: Best Practices	it_saaugendj_01_enus
Security Topologies: Developing Secure Networks	it_sadstodj_01_enus
Intrusion Detection: Best Practices	it_saidbpdj_01_enus
Intrusion Prevention: Best Practices	it_saipbpdj_01_enus
Defensible Security	it_saseardj_01_enus
Security Architect: Secure Coding Concepts	it_saseccdj_01_enus
Incident Tracking & Response	it_satracdj_01_enus
Security Vulnerabilities: Managing Threats & Vulnerabilities	it_savatsdj_01_enus
Vulnerability Analyst – Mandatory Lab	pit_sadj3

Security Architect - Security Architect

Data Security Breach Notification Process	it_sabrnpdj_01_enus
Security Architect: Ethical Hacking Best Practices	it_saehbpdj_01_enus
Intelligent Orchestration: Automating Security Incident Processing	it_sainsodj_01_enus
Security Program Regulatory Integration	it_sargmddj_01_enus
Security Rules: Rules of Engagement	it_saroegdj_01_enus
Security Incident Triage	it_sastradj_01_enus
Unified Security: Playbook Approach to Security	it_saunpydj_01_enus
Security Architect – Mandatory Lab	pit_sadj4

Final Exam: Security Analyst	it_fesasa_01_enus
Final Exam: Vulnerability Analyst	it_fesasa_03_enus
Final Exam: Security Architect	it_fesasa_04_enus

Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)

Agile for Software Development

ACE #: SKIL-0216

of Credits: 3

Expires: 31 August 24

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Agile Foundations: Fundamentals	it_agsafdj_01_enus
Agile Foundations: Scrum Methodology	it_agsafdj_02_enus
Final Exam: Agile Foundations	it_fea4sd_01_enus
Agile Software Projects: Software Requirements	it_agsrddj_01_enus
Agile Software Projects: Software Design	it_agsrddj_02_enus
Agile Software Projects: Estimation Methods	it_agsrddj_03_enus
Final Exam: Software Project Requirements & Design with Agile	it_fea4sd_02_enus
Development & Testing with Agile: Agile Methodologies in Software Development	it_agsdtdj_01_enus
Development & Testing with Agile: Extreme Programming	it_agsdtdj_02_enus
Development & Testing with Agile: Agile Self-organizing Teams	it_agsdtdj_03_enus
Development & Testing with Agile: Team Meetings	it_agsdtdj_04_enus
Development & Testing with Agile: Project Management	it_agsdtdj_05_enus
Agile Organizations: Cloud for Agile Software Development	it_agsaodj_01_enus
Agile Organizations: DevOps & Agile	it_agsaodj_02_enus
Agile Organizations: Agile Models & Scaling Agile	it_agsaodj_03_enus
Agile Organizations: Building an Agile Culture	it_agsaodj_04_enus
Final Exam: Software Development and Testing with Agile	it_fea4sd_03_enus
Final Exam: Agile Organization	it_fea4sd_04_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

Human Resource Professional

ACE #: SKIL-0217

of Credits: 2

Expires: 31 August 24

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Recruiting, Screening, and Onboarding Effectively	
Ensuring Onboarding Success	bs_ahr01_a03_enus
Hitting the Recruitment Bull's-eye	bs_ahr01_a01_enus
Applicant Screening: The First Step in Hiring the Best	bs_ahr01_a02_enus
Transformational HR and Talent Management	
Planning for Skills Needs and Managing Performance	bs_ahr02_a01_enus
Building Career Development Programs and Succession Planning	bs_ahr02_a02_enus
Implementing Transformational HR	bs_ahr02_a03_enus
Individual Behavior in Organizations	bs_ahr02_a04_enus
Effective Hiring Practices	
Conducting an Effective Hiring Interview	bs_ald11_a01_enus
Managing a Crisis	
Professional in Human Resources: Employment Legislation	bs_hr23_02_enus
Managing in a Crisis	bs_ald09_a01_enus
Professional in Human Resources Exam Prep	
Professional in Human Resources: Introduction to PHR® Exam	bs_hr23_01_enus
Professional in Human Resources: Employee Relations	bs_hr23_17_enus
Professional in Human Resources: Employment Legislation	bs_hr23_02_enus
Professional in Human Resources: Business Environment	bs_hr23_03_enus
Professional in Human Resources: Business Planning	bs_hr23_04_enus
Professional in Human Resources: HR Organization	bs_hr23_05_enus
Professional in Human Resources: HR Tools and Processes	bs_hr23_06_enus
Professional in Human Resources: Talent Planning	bs_hr23_07_enus
Professional in Human Resources: Talent Sourcing	bs_hr23_08_enus
Professional in Human Resources: Recruiting	bs_hr23_09_enus
Professional in Human Resources: Organizational Development	bs_hr23_10_enus
Professional in Human Resources: Performance Management	bs_hr23_11_enus
Professional in Human Resources: Learning	bs_hr23_12_enus
Professional in Human Resources: Job Architecture	bs_hr23_13_enus
Professional in Human Resources: Compensation	bs_hr23_14_enus
Professional in Human Resources: Benefits	bs_hr23_15_enus
Professional in Human Resources: Organizational Relations	bs_hr23_16_enus
Professional in Human Resources: Organizational Risk	bs_hr23_18_enus
Professional in Human Resources: Labor Relations	bs_hr23_19_enus
Professional in Human Resources: PHR® Exam Summary	bs_hr23_20_enus
TestPrep: Professional in Human Resources bs_phr_a01_tp_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	



Improving Your Leadership Skills

ACE #: SKIL-0218

of Credits: 2

Expires: 31 August 24

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Fundamentals of Business Planning	
Preparing and Implementing a Business Plan	bs_ast02_a01_enu
Thinking Strategically and Managing Risk	
Thinking Strategically as a Manager	bs_ast01_a01_enu
Using Strategic Thinking to Consider the Big Picture	bs_ast01_a02_enu
Identifying Risks in Your Organization	bs_ast01_a03_enu
Assessing Your Organization's Risks	bs_ast01_a04_enu
Responding Effectively to Risks	bs_ast01_a05_enu
Big Data Basics	
Big Data Fundamentals	bs_aba01_a01_enu
Big Data Interpretation	bs_aba01_a02_enu
Accounting for non-financial Professionals	
Basic Accounting Concepts for Non-financial Professionals	bs_fin08_a01_enu
Basic Budgeting for Non-financial Professionals	bs_fin08_a02_enu
Comprehending Financials: A Guide to Financial Statements	bs_fin08_a03_enu
Financial Statement Analysis for Non-financial Professionals	bs_fin08_a04_enu
Transformational HR and Talent Management	
Planning for Skills Needs and Managing Performance	bs_ahr02_a01_enu
Building Career Development Programs and Succession	bs_ahr02_a02_enu
Implementing Transformational HR	bs_ahr02_a03_enu
Individual Behavior in Organizations	bs_ahr02_a04_enu
Managing Employee Performance	
Keeping Top Performers Challenged	bs_amg03_a01_enu
Planning an Effective Performance Appraisal	bs_amg03_a02_enu
Creating a Plan for Performance Management	bs_amg03_a03_enu
Detecting and Dealing with Performance Problems	bs_amg03_a04_enu
Advanced Management Techniques	
Gauging Your Organization's High-performing Potential	bs_amg04_a01_enu
Managing for Cross-functionality	bs_amg04_a02_enu
Managing Your Company's Talent	bs_amg04_a03_enu
Managing the Unique Needs of Experts	bs_amg04_a04_enu
Fostering Mentoring Relationships	bs_amg04_a05_enu
Managing a Multi-generational Workforce	

Maintaining a Cohesive Multigenerational Workforce	bs_amg05_a01_enus
Managing Multigenerational Employees	bs_amg05_a02_enus
Managing in Difficult Times	
Being an Effective Manager When Times Are Tough	bs_amg06_a01_enus
Managing Motivation during Organizational Change	bs_amg06_a02_enus
How to Manage Difficult Conversations	bs_amg06_a03_enus
Creating Lasting Organizational Change	
Facilitating Sustainable Change	bs_apd18_a01_enus
Moving Forward with Change Planning	bs_apd18_a02_enus
Making Change Stick	bs_apd18_a03_enus
Improving Your Leadership Skills	
Leading by Motivating	bs_ald14_a01_enus
Sharing a Vision	bs_ald14_a02_enus
Influencing through Positive Leadership	bs_ald14_a03_enus
Developing Emotional Intelligence	bs_ald14_a04_enus
Leveraging Leadership Techniques	
Key Elements of Business Execution	bs_ald02_a01_enus
Building Innovation Cultures and Leaders	bs_ald02_a02_enus
Leading Your Team through Change	bs_ald02_a03_enus
Building a Leadership Development Plan	bs_ald02_a04_enus
Aligning Unit Goals and Imperatives	bs_ald02_a05_enus
Creating a Positive Atmosphere	
Positive Atmosphere: Establishing an Engaged Workforce	bs_ald03_a01_enus
Positive Atmosphere: Establishing a Positive Work Environment	bs_ald03_a02_enus
Positive Atmosphere: How Organizational Learning Drives Positive Change	bs_ald03_a03_enus
Final Exam: Improving Your Leadership Skillsbs_iyls_a01_fe_enus	
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

Java Novice to Javanista
ACE #: SKIL-0220
of Credits: 3
Expires: 31 August 24

COURSE TITLE	COURSE NUMBER
Java Novice	
Getting Started with Java: The Fundamentals of Java Programming	it_jpgsjadj_01_enus
Getting Started with Java: Writing & Running Java Programs	it_jpgsjadj_02_enus
Getting Started with Java: Variables & Primitive Types	it_jpgsjadj_03_enus
Getting Started with Java: Operators	it_jpgsjadj_04_enus
Control Structures in Java: Implementing Java Control Structures	it_jpcsjadj_01_enus
Modeling Entities in Java: Getting Started with Classes & Objects	it_jpmecodj_01_enus
Modeling Entities in Java: Defining Custom Classes & Objects	it_jpmecodj_02_enus
Modeling Entities in Java: Methods, Method Overloading, & Constructors	it_jpmecodj_03_enus
Modeling Entities in Java: Static Members, Arguments, & Method Overriding	it_jpmecodj_04_enus
Mapping Relationships in Java: Modeling Is-a Relationships Using Inheritance	it_jpmriidj_01_enus
Mapping Relationships in Java: Constructors & Polymorphism	it_jpmriidj_02_enus
Mapping Relationships in Java: Overriding Methods and Using Access Modifiers	it_jpmriidj_03_enus
Mapping Relationships in Java: Working with Interfaces & Class Loaders	it_jpmriidj_04_enus
Interactive Java & JShell: Writing Java Programs with the Interactive JShell	it_jpijjsdj_01_enus
Java Novice – Mandatory Lab	pit_jnj3
Java Apprentice	
Handling Errors: An Introduction to Exceptions	it_jpheexdj_01_enus
Handling Errors: Handling Exceptions in Java	it_jpheexdj_02_enus
Handling Errors: Advanced Topics in Exceptions	it_jpheexdj_03_enus
Collections in Java: Arrays & Non-parameterized Array Lists	it_jpcacodj_01_enus
Collections in Java: Lists & List Operations	it_jpcacodj_02_enus
Collections in Java: Sets & Maps	it_jpcacodj_03_enus
Generics in Java: Creating Classes and Methods Using Generics	it_jpptgedj_01_enus
Generics in Java: Bounded Type Parameters & Wildcards	it_jpptgedj_02_enus
Classes in Java: Working with Static Nested, Inner, & Local Classes	it_jpnclcdj_01_enus
Classes in Java: Creating & Using Anonymous Classes	it_jpnclcdj_02_enus
Classes in Java: Implementing Functional Interfaces Using Lambdas	it_jpnclcdj_03_enus
Java: Getting Started with Reflection	it_jprfridj_01_enus
Java: Accessing Constructors, Methods, & Fields Using Reflection	it_jprfridj_02_enus
Java: Working with Annotations, Generics, & Arrays Using Reflection	it_jprfridj_03_enus
Java: Leveraging Reflection to Build Dynamic Proxies & Unit Tests	it_jprfridj_04_enus
Java Archive (JAR): Building Java Archives	it_jpbjjldj_01_enus
Java Archive (JAR): Packaging Java Apps Using Maven	it_jpbjjldj_02_enus
Java Apprentice – Mandatory Lab	pit_jnj3

Javanist

Serialization in Java: Getting Started with Object Serialization	it_jppjadj_01_enus
Serialization in Java: Using JSON Simple for Serialization & Parsing	it_jppjadj_02_enus
Serialization in Java: Using JSON in Java for Serialization & Parsing	it_jppjadj_03_enus
HTTP Requests in Java: Sending Simple HTTP Requests	it_jphtrdj_01_enus
HTTP Requests in Java: HTTP Requests with Java's HttpClient	it_jphtrdj_02_enus
Java Database Connectivity (JDBC): An Introduction to JDBC	it_jpcqddj_01_enus
Java Database Connectivity (JDBC): Interacting with Databases using RowSets	it_jpcqddj_02_enus
Java Database Connectivity (JDBC): Joining & Filtering Data with RowSets	it_jpcqddj_03_enus
Java Database Connectivity (JDBC): Batch Executions & Transactions with JDBC	it_jpcqddj_04_enus
Building Web Applications with JSP: An Introduction to JSP	it_jpbwapdj_01_enus
Building Web Applications with JSP: Handling Errors	it_jpbwapdj_02_enus
Building Web Applications with JSP: Customizing Responses with Servlets	it_jpbwapdj_03_enus
Building Web Applications with JSP: Integrating a JSP App with a Database	it_jpbwapdj_04_enus
Java Web Services: Getting Started with SOAP-based Web Services	it_jpbwsjdj_01_enus
Java Web Services: Integrating Web Services with a Database	it_jpbwsjdj_02_enus
Java Web Services: Building REST APIs	it_jpbwsjdj_03_enus
Java Web Services: Enabling CRUD Operations with REST APIs	it_jpbwsjdj_04_enus
Javanista – Mandatory Lab	pit_jnj3

Final Exam: Java Novice	it_fejnj_01_enus
Final Exam: Java Apprentice	it_fejnj_02_enus
Final Exam: Javanista	it_fejnj_03_enus

Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)

ACE #: SKIL-0221
of Credits: 3
Expires: 31 August 24

COURSE TITLE**COURSE NUMBER****Data Visualization with Excel**

Data Visualization: Best Practices for Creating Visuals	it_dadabpdj_01_enus
Excel Visualization: Getting Started with Excel for Data Visualization	it_dadvexdj_01_enus
Excel Visualization: Building Column Charts, Bar Charts, & Histograms	it_dadvexdj_02_enus

Excel Visualization: Visualizing Data Using Line Charts & Area Charts	it_dadvxdj_03_enus
Excel Visualization: Plotting Stock Charts, Radar Charts, Treemaps, & Donuts	it_dadvxdj_04_enus
Excel Visualization: Building Box Plots, Sunburst Plots, Gantt Charts, & More	it_dadvxdj_05_enus
Data Visualization with BI Tools	
QlikView: Getting Started with QlikView for Data Visualization	it_daqkvwdj_01_enus
QlikView: Creating Line Charts, Combo Charts, Pivot Tables, & Block Charts	it_daqkvwdj_02_enus
QlikView: Creating Mekko Charts, Radar Charts, Gauge Charts, & Scatter Charts	it_daqkvwdj_03_enus
Data Visualization with Excel and BI Tools – Mandatory Lab	pit_dvp1
Creating Infographics for Data Visualizations	
Infogram: Getting Started	it_daigigdj_01_enus
Infogram: Advanced Features	it_daigigdj_02_enus
Visme: Introduction	it_daigvmdj_01_enus
Visme: Exploring Charts	it_daigvmdj_02_enus
Visme: Designing a Presentation	it_daigvmdj_03_enus
Data Visualization with Python	
Python & Matplotlib: Getting Started with Matplotlib for Data Visualization	it_dapmpsdj_01_enus
Python & Matplotlib: Creating Box Plots, Scatter Plots, Heatmaps, & Pie Charts	it_dapmpsdj_02_enus
Data Visualization: Building Interactive Visualizations with Bokeh	it_davbapdj_01_enus
Data Visualization: More Specialized Visualizations in Bokeh	it_davbapdj_02_enus
Data Visualization: Getting Started with Plotly	it_davbapdj_03_enus
Data Visualization: Visualizing Data Using Advanced Charts in Plotly	it_davbapdj_04_enus
Creating Infographics and Data Visualization with Python – Mandatory Lab	pit_dvp2
Final Exam: Data Visualization with Excel	it_fedvp_01_enus
Final Exam: Data Visualization with BI Tools	it_fedvp_02_enus
Final Exam: Creating Infographics for Data Visualizations	it_fedvp_03_enus
Final Exam: Data Visualization with Python	it_fedvp_04_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

Security Threat Intelligence
ACE #: SKIL-0222
of Credits: 2
Expires: 31 August 24

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Introduction to Cyber Operations	it_cygsodj_01_enus
Security Programming: Command Line Essentials	it_cypgsodj_01_enus
Security Programming: Code Identification	it_cypgsodj_02_enus
Security Programming: Scripting Essentials	it_cypgsodj_03_enus
Security Programming: System Essentials	it_cypgsodj_04_enus
Malware Removal: Identifying Malware Types & Classification Approaches	it_cymlcudj_01_enus
Malware Removal: Analyzing an Infected System	it_cymlcudj_02_enus
Malware Removal: Remediating an Infected System	it_cymlcudj_03_enus
Malware Removal: Reporting Findings & Preventing Future Infections	it_cymlcudj_04_enus
Network Survey & Extraction: Network Analysis	it_cynsexdj_01_enus
Network Survey & Extraction: Network Monitoring	it_cynsexdj_02_enus
Network & Host Analysis: Protocol Analysis	it_cynthadj_01_enus
Network & Host Analysis: Network Protocols	it_cynthadj_02_enus
Network & Host Analysis: Network Observations	it_cynthadj_03_enus
Network & Host Analysis: Network Analysis Formats	it_cynthadj_04_enus
Network & Host Analysis: Network Operations	it_cynthadj_05_enus
Forensic Analysis: Cybercrime Investigations	it_cyforadj_01_enus
CyberOps Windows Hardening: Windows Server Hardening Best Practices	it_cywnhddj_01_enus
CyberOps Windows Hardening: Windows Workstation Hardening Best Practices	it_cywnhddj_02_enus
Threat Intelligence & Attribution Best Practices: Threat Intelligence Concepts	it_cytibpdj_01_enus
Threat Intelligence & Attribution Best Practices: Attribution Analysis	it_cytibpdj_02_enus
Security Threat Intelligence – Optional Lab	pit_stidj1
Final Exam: Security Threat Intelligence	it_festi_01_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

Python Novice to Pythonista
ACE #: SKIL-0223
of Credits: 6
Expires: 31 August 24

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Python Novice	
Getting Started with Python: Introduction	it_pygdpydj_01_enus
Complex Data Types in Python: Working with Lists & Tuples in Python	it_pycdpydj_01_enus
Complex Data Types in Python: Working with Dictionaries & Sets in Python	it_pycdpydj_02_enus
Complex Data Types in Python: Shallow & Deep Copies in Python	it_pycdpydj_03_enus
Conditional Statements & Loops: If-else Control Structures in Python	it_pycslpdj_01_enus
Conditional Statements & Loops: The Basics of for Loops in Python	it_pycslpdj_02_enus
Conditional Statements & Loops: Advanced Operations Using for Loops in Python	it_pycslpdj_03_enus
Conditional Statements & Loops: While Loops in Python	it_pycslpdj_04_enus
Functions in Python: Introduction	it_pyfcaldj_01_enus
Functions in Python: Gaining a Deeper Understanding of Python Functions	it_pyfcaldj_02_enus
Functions in Python: Working with Advanced Features of Python Functions	it_pyfcaldj_03_enus
Python Novice – Mandatory Lab	pit_pydj1
Python Apprentice	
Advanced Python Topics: File Operations in Python	it_pyatpydj_01_enus
Advanced Python Topics: Exceptions & Command Line Arguments	it_pyatpydj_02_enus
Advanced Python Topics: Modules & Virtual Environments	it_pyatpydj_03_enus
Advanced Python Topics: Migrating from Python 2 to Python 3	it_pyatpydj_04_enus
Python Classes & Inheritance: Introduction	it_pycipydj_01_enus
Python Classes & Inheritance: Getting Started with Classes in Python	it_pycipydj_02_enus
Python Classes & Inheritance: Working with Inheritance in Python	it_pycipydj_03_enus
Python Classes & Inheritance: Advanced Functionality Using Python Classes	it_pycipydj_04_enus
Data Structures & Algorithms in Python: Fundamental Data Structures	it_pydsapdj_01_enus
Data Structures & Algorithms in Python: Implementing Data Structures	it_pydsapdj_02_enus
Data Structures & Algorithms in Python: Sorting Algorithms	it_pydsapdj_03_enus
Data Structures & Algorithms in Python: Implementing Sorting Algorithms	it_pydsapdj_04_enus
Data Structures & Algorithms in Python: Trees & Graphs	it_pydsapdj_05_enus
Data Structures & Algorithms in Python: Implementing Trees & Graphs	it_pydsapdj_06_enus
Python Apprentice – Mandatory Lab	pit_pydj2
Python Journeyman	
Python Unit Testing: An Introduction to Python's unittest Framework	it_pyutpydj_01_enus

Python Unit Testing: Advanced Python Testing Using the unittest Framework	it_pyutpydj_02_enus
Python Unit Testing: Testing Python Code Using pytest	it_pyutpydj_03_enus
Python Unit Testing: Testing Python Code Using doctest	it_pyutpydj_04_enus
Python Requests: HTTP Requests with Python	it_pywhpydj_01_enus
Flask in Python: An Introduction to Web Frameworks & Flask	it_pybwafdj_01_enus
Flask in Python: Building a Simple Web Site Using Flask	it_pybwafdj_02_enus
Flask in Python: User Interactions in Flask Applications	it_pybwafdj_03_enus
Flask in Python: User Authentication in a Flask Application	it_pybwafdj_04_enus
Python Concurrent Programming: Introduction to Concurrent Programming	it_pymcpydj_01_enus
Python Concurrent Programming: Multithreading in Python	it_pymcpydj_02_enus
Python Concurrent Programming: Multiprocessing in Python	it_pymcpydj_03_enus
Python Concurrent Programming: Asynchronous Executions in Python	it_pymcpydj_04_enus
Python Journeyman – Mandatory Lab	pit_pydj3

Pythonist

Introduction to Using PyCharm IDE	it_pyddupdj_01_enus
Excel with Python: Working with Excel Spreadsheets from Python	it_pyexpydj_01_enus
Excel with Python: Performing Advanced Operations	it_pyexpydj_02_enus
Excel with Python: Constructing Data Visualizations	it_pyexpydj_03_enus
Socket Programming in Python: Introduction	it_pynpspdj_01_enus
Socket Programming in Python: Advanced Topics	it_pynpspdj_02_enus
Python Design Patterns: Principles of Good Design	it_pydppydj_01_enus
Python Design Patterns: Working with Creational Design Patterns	it_pydppydj_02_enus
Python Design Patterns: Working with Structural Design Patterns	it_pydppydj_03_enus
Python Design Patterns: Working with Behavioral Design Patterns	it_pydppydj_04_enus
Pythonista – Mandatory Lab	pit_pydj4

Final Exam: Python Novice it_fepnp_01_enus
Final Exam: Python Apprentice it_fepnp_02_enus
Final Exam: Python Journeyman it_fepnp_03_enus
Final Exam: Pythonista it_fepnp_04_enus

Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)

Software Project Analyst to Senior Software Project Manager

ACE #: SKIL-0224

of Credits: 3
Expires: 31 August 24

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Software Project Analyst	
Agile for Software Development: Lean, Agile, & Scrum Methodologies	it_pmlasdj_01_enus
Project Management Tools: Understanding PM Tools	it_pmunptdj_01_enus
Project Management Tools: Understanding the Collaboration Tools	it_pmcltdj_01_enus
Software Project Management Communication Skills	it_pmspmcdj_01_enus
Software Requirements Planning	it_apisrpldj_01_enus
Software Development Concepts: Software Development Glossary	it_pmsdglj_01_enus
Software Project Lead	
Project Evaluation: Defining Success Metrics	it_pmdsmtj_01_enus
Skills for Project Analysts: Negotiation Skills	it_pmnnspadj_01_enus
Managing and Engaging Stakeholders	it_pmisnddj_01_enus
Business Analysis for Project Management: Practices for Early Project Stages	it_pmbapmdj_01_enus
Business Analysis for Project Management: Practices for Later Project Stages	it_pmbapmdj_02_enus
Risk Management: Project Risk Assessment	it_pmprradj_01_enus
Software Project Manager	
Agile Software Development: Agile Development Life Cycle	it_pmapsddj_01_enus
Agile Software Development: Agile Project Management Techniques	it_pmapsddj_02_enus
Project Management: Scrum Framework for Software Development	it_pmscrmdj_01_enus
Decision Making for Software Project Managers	it_pmdmspdj_01_enus
Software Data Analysis: Project Management Metrics	it_pmpdasdj_01_enus
Project Meetings: Agile Project Meetings	it_pmcspmdj_01_enus
Stakeholder Communication: Software Projects & Stakeholder Communication	it_pmscsddj_01_enus
Project Management Needs vs. Expectations	it_pmbnexdj_01_enus
Advanced Agile: Software Project Management	it_pmadapdj_01_enus
Advanced Agile: Software Development Concepts	it_pmadapdj_02_enus
Senior Software Project Manager	
Software Projects: Recruiting the Project Team	it_pmrctswprdj_01_enus
Advanced Agile: Tools & Techniques	s it_pmaapmdj_01_enus
Advanced Agile: Leadership Techniques	it_pmaapmdj_02_enus
Advanced Scrum for Project Management	it_pmadsmj_01_enus
Business Intelligence: Project Data Analysis	it_pmapdadj_01_enus
Business Strategy: Managing Organizational Value	it_pmorvmdj_01_enus
Business Orientation: Strategic Organizational Goals	it_pmsosgdj_01_enus
Agile Hybrid Approaches	it_pmhyaadj_01_enus
Value-driven Delivery: Delivering Value in Agile Projects	it_pmacdddj_01_enus

Final Exam: Software Project Analyst	it_fepapm_01_enus
Final Exam: Software Project Lead	it_fepapm_02_enus
Final Exam: Software Project Manager	it_fepapm_03_enus
Final Exam: Senior Software Project Manager	it_fepapm_04_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>Software Project Lead to Advanced Scrum Master</u>	
<u>ACE #: SKIL-0225</u>	
<u># of Credits: 2</u>	
<u>Expires: 31 August 24</u>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Software Project Lead	
Transition to Scrum: Agile Foundation to Scrum	it_smfasndj_01_enus
Transitioning to Scrum	it_smtrnsdj_01_enus
Scrum Practices: Managing the Scrum Project	it_smscmdpdj_01_enus
Lean in Scrum: Lean Development Practices	it_smmleandj_01_enus
Applying Scrum Development Practices	it_smscrmdj_01_enus
Software Product Owner	
Scrum Concepts & the Product Owner	it_smpdowdj_01_enus
Scrum Product: Defining the Why & How of the Product	it_smpdcsdj_01_enus
Scrum: Product Development Framework	it_smodvsdj_01_enus
Scrum: Product Backlog	it_smpblsdj_01_enus
Scrum: Creating Effective Product Backlogs	it_smpdlgdj_01_enus
Product Development Practices	it_smpdpdj_01_enus
Scrum Master	
Scrum Master: Scrum for the Team	it_smposmdj_01_enus
Scrum Master: Sprint Goals & Planning	it_smstpldj_01_enus
SCRUM Meetings: On-target Daily Meetings	it_smotsmdj_01_enus
Scrum Sprint: Review	it_smsrrtdj_01_enus
Scrum Sprint: Retrospective	it_smsrrtdj_02_enus

SCRUM Quality, Planning, and Completion: Quality & Productivity	it_smqplcdj_01_enus
SCRUM Quality, Planning, and Completion: Effective User Stories	it_smqplcdj_02_enus
SCRUM Quality, Planning, and Completion: The Definition of Done	it_smqplcdj_03_enus
Advanced Scrum Master	
Scrum Team Velocity: Exploring Team Velocity	it_smstmvdj_01_enus
Advanced Lean, Agile, & Scrum Concepts	it_smalscdj_01_enus
Scaling an Organization's Scrum Process	it_smscsmdj_01_enus
Scaling Scrum: Challenges	it_smocssdj_01_enus
Scaling Scrum: Choosing Scaled Agile Frameworks	it_smcsafdj_01_enus
Advanced Scrum Metrics	it_smadsmdj_01_enus
Accessing the Business Value of Scrum	it_smsmbvdj_01_enus
Final Exam: Software PM Lead	it_feasm_01_enus
Final Exam: Software Product Owner	it_feasm_02_enus
Final Exam: Scrum Master	it_feasm_03_enus
Final Exam: Advanced Scrum Master	it_feasm_04_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>Network Admin to Site Reliability Engineer</u> <u>ACE #: SKIL-0226</u> <u># of Credits: 2</u> <u>Expires: 31 August 24</u>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Network Admin	
Site Reliability: Engineering	it_sregsredj_01_enus
Site Reliability: Tools & Automation	it_sregsredj_02_enus
OS Deployment Strategies: Upgrading & Maintaining Systems	it_sremoseddj_01_enus
OS Deployment Strategies: Deploying Modern Systems	it_sremoseddj_02_enus
OS Deployment Strategies: Maintaining & Managing Modern Systems	it_sremoseddj_03_enus
Backup & Recovery: Business Continuity & Disaster Recovery	it_srebrbpdj_01_enus
Backup & Recovery: Enterprise Backup Strategies	it_srebrbpdj_02_enus
Backup & Recovery: Windows Client Backup and Recovery Tools	it_srebrbpdj_03_enus
Describing Distributed Systems	it_sremndsdj_01_enus
Monitoring Distributed Systems	it_sremndsdj_02_enus
Site Reliability Engineering: Scenario Planning	it_srescpldj_01_enus

Network Admin – Mandatory Lab	pit_sre1
DevOps Engineer	
Build & Release Engineering Best Practices: Release Engineering	it_srerebpdj_01_enus
Build & Release Engineering Best Practices: Release Management	it_srerebpdj_02_enus
Best Practices for the SRE: Automation	it_sreaubpdj_01_enus
Best Practices for the SRE: Use Cases for Automation	it_sreaubpdj_02_enus
SRE Simplicity: Software System Complexity	it_srespbpdj_01_enus
SRE Simplicity: Simple Software Systems	it_srespbpdj_02_enus
SRE Postmortems: Blameless Postmortem Culture Creation	it_srepcbpdj_01_enus
Cloud and Containers for the SRE: Cloud Architectures & Solutions	it_sreccarcdj_01_enus
Cloud and Containers for the SRE: Containers	it_sreccarcdj_02_enus
Cloud and Containers for the SRE: Implementing Container Solutions	it_sreccarcdj_03_enus
DevOps Engineering – Mandatory Lab	pit_sre2
Chaos Engineer	
SRE Troubleshooting Processes	it_sreeftsdj_01_enus
SRE Troubleshooting: Tools	it_sreeftsdj_02_enus
SRE Emergency & Incident Response: Responding to Emergencies	it_sreeriddj_01_enus
SRE Emergency & Incident Response: Incident Response	it_sreeriddj_02_enus
SRE Testing Tasks: Software Reliability & Testing	it_sretsrldj_01_enus
SRE Testing Tasks: Testing Considerations	it_sretsrldj_02_enus
SRE Load Balancing Techniques: Front-end Load Balancing	it_sreldbldj_01_enus
SRE Load Balancing Techniques: Data Center Load Balancing	it_sreldbldj_02_enus
Site Reliability Engineer: Managing Overloads	it_sreolcfdj_01_enus
Site Reliability Engineer: Managing Cascading Failures	it_sreolcfdj_02_enus
Distributed Reliability: SRE Critical State Management	it_sredsrldj_01_enus
Distributed Reliability: SRE Distributed Periodic Scheduling	it_sredsrldj_02_enus
SRE Data Pipelines & Integrity: Data Pipelines	it_sredpindj_01_enus
SRE Data Pipelines & Integrity: Pipeline Design	it_sredpindj_02_enus
SRE Data Pipelines & Integrity: Data Integrity	it_sredpindj_03_enus
SRE Products at Scale: Product Launches	it_sredppsdj_01_enus
Chaos Engineer – Mandatory Lab	pit_sre2
Site Reliability Engineer	
SRE Team Management: Scaling the Team	it_srescstdj_01_enus
SRE Team Management: Managing Operational Loads	it_sreinovdj_01_enus
SRE Team Management: Operational Overload	it_sreinovdj_02_enus
Core Skills for Site Reliability Engineers: SRE Collaboration & Communication	it_srecmcldj_01_enus
SRE Metric Management: Software Reliability Metrics	it_sremetsdj_01_enus
SRE Metric Management: Software Reliability Monitoring and Reporting	it_sremetsdj_02_enus
SRE Engagement: Production Readiness Review	it_sreenmddj_01_enus
SRE Engagement: The SRE Engagement Model	it_sreenmddj_02_enus

Site Reliability Engineer	it_fesre_04_enus
Final Exam: Network Admin	it_fesre_01_enus
Final Exam: SRE DevOps Engineer	it_fesre_02_enus
Final Exam: Chaos Engineer	it_fesre_03_enus
Final Exam: Site Reliability Engineer	it_fesre_04_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>Business Analyst to Data Analyst</u>	
<u>ACE #: SKIL-0227</u>	
<u># of Credits: 6</u>	
<u>Expires: 31 August 24</u>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Business Analyst	
Complete Guide to Excel 365: Getting Started	it_dacgexdj_01_enus
Complete Guide to Excel 365: Working With Charts & Sparklines	it_dacgexdj_02_enus
Complete Guide to Excel 365: Using Formatting, Styles, & Themes	it_dacgexdj_03_enus
Complete Guide to Excel 365: Linking, Printing, & Protecting Workbooks	it_dacgexdj_04_enus
Complete Guide to Excel 365: Validating, Cleaning, & Performing Lookups on Data	it_dacgexdj_05_enus
Complete Guide to Excel 365: What-If Analysis, Solver, & Analysis ToolPak	it_dacgexdj_06_enus
Complete Guide to Excel 365: Pivot, PowerPivot, & Financial Modeling	it_dacgexdj_07_enus
Business Analyst – Mandatory Lab	pit_bada1
Decision Analyst	
Tableau for Data Visualization: Introduction	it_datadvdj_01_enus
Tableau for Data Visualization: Exploring Visualizations & Data Formats	it_datadvdj_02_enus
Tableau for Data Visualization: Advanced Features	it_datadvdj_03_enus
Business Reporting: Getting Started with Power BI Desktop for Data Analysis	it_dabrbiadj_01_enus
Business Reporting: Visualizing & Merging Data in Power BI	it_dabrbiadj_02_enus
Business Reporting: Creating & Formatting Matrix Visualizations in Power BI	it_dabrbiadj_03_enus
Business Reporting: Leveraging Treemaps, Matrices, & Slicers in Power BI	it_dabrbiadj_04_enus
Decision Analyst – Mandatory Lab	pit_bada2

Systems Analyst

Google Chart Tools: Basic Charts	it_dadogcdj_01_enus
Google Chart Tools: Interacting with Charts	it_dadogcdj_02_enus
Google Chart Tools: Advanced Visuals with Charts	it_dadogcdj_03_enus
Plotly for Data Visualization: An Introduction to Plotly Chart Studio	it_davcspdj_01_enus
Plotly for Data Visualization: Exploring Chart Studio Visualizations	it_davcspdj_02_enus
Plotly for Data Visualization: Advanced Charts & Features in Chart Studio	it_davcspdj_03_enus
SQL Programming with MariaDB: Getting Started with MariaDB for Data Analysis	it_dasqpmdj_01_enus
SQL Programming with MariaDB: Analyzing Relational Data	it_dasqpmdj_02_enus
SQL Programming with MariaDB: Using Joins, Triggers, & Stored Procedures	it_dasqpmdj_03_enus
Systems Analyst – Mandatory Lab	pit_bada3

Data Analyst

VBA: Getting Started with VBA in Excel	it_daexvbdj_01_enus
VBA: Building User Interfaces with Forms in VBA & Excel	it_daexvbdj_02_enus
VBA: Leveraging VBA to Work with Charts, Stocks, & MS Access	it_daexvbdj_03_enus
Using BigML: An Introduction to Machine Learning & BigML	it_damlubdj_01_enus
Using BigML: Getting Hands-on with BigML	it_damlubdj_02_enus
Using BigML: Building Supervised Learning Models	it_damlubdj_03_enus
Using BigML: Unsupervised Learning	it_damlubdj_04_enus
Analyzing Data Using Python: Data Analytics Using Pandas	it_daavlpdj_01_enus
Analyzing Data Using Python: Importing, Exporting, & Analyzing Data With Pandas	it_daavlpdj_02_enus
Analyzing Data Using Python: Filtering Data in Pandas	it_daavlpdj_03_enus
Analyzing Data Using Python: Cleaning & Analyzing Data in Pandas	it_daavlpdj_04_enus
Data Analyst- Mandatory Lab	pit_bada3

Final Exam: Business Analyst	it_febada_01_enus
Final Exam: Decision Analyst	it_febada_02_enus
Final Exam: Systems Analyst	it_febada_03_enus
Final Exam: Business Analyst to Data Analyst	it_febada_04_enus

Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)

Six Sigma Yellow Belt Track**ACE #: SKIL-0228****# of Credits: 2****Expires: 31 August 24**

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Six Sigma Yellow Belt - Six Sigma Fundamentals	
Six Sigma and Lean: Foundations and Principles	bs_apr07_a01_enus
Six Sigma: Team Basics, Roles, and Responsibilities	bs_apr07_a02_enus
Six Sigma: Quality Tools	bs_apr07_a03_enus
Six Sigma: Metrics	bs_apr07_a04_enus
Six Sigma Yellow Belt - Define	
Six Sigma: Identifying Projects	bs_apr08_a01_enus
Six Sigma: Project Management Basics	bs_apr08_a02_enus
Six Sigma Yellow Belt - Measure	
Basic Six Sigma Statistics	bs_apr09_a01_enus
Classifying and Collecting Data	bs_apr09_a02_enus
Six Sigma Measurement System Analysis	bs_apr09_a03_enus
Six Sigma Yellow Belt - Analyze	
Lean Tools and FMEA	bs_apr10_a01_enus
Data Analysis and Root Cause Analysis in Six Sigma	bs_apr10_a02_enus
Six Sigma Correlation, Regression, and Hypothesis Testing	bs_apr10_a03_enus
Six Sigma Yellow Belt - Improve and Control	
Six Sigma Techniques for Improvement	bs_apr11_a01_enus
Six Sigma Control Tools and Documentation	bs_apr11_a02_enus
TestPrep: Certified Six Sigma Yellow Belt	Oper_30_a01_tp_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>Apprentice Java Developer to Senior Java Developer</u>	
<u>ACE #: SKIL-0229</u>	
<u># of Credits: 4</u>	
<u>Expires: 7/31/2025</u>	
Track 1: Apprentice Developer	
Java Programming: Introduction	it_apgsjpdj_01_enus
Java Programming: Working with Primitive Data Types	it_apgsjpdj_02_enus
Java Programming: Arithmetic & Logical Operations	it_apgsjpdj_03_enus

Java Programming: Working with Strings & Wrapper Objects	it_apgsjpdj_04_enus
Java Programming: Conditional Evaluation	it_apgsjpdj_05_enus
Java Programming: Iterative Evaluation	it_apgsjpdj_06_enus
Java SE 13: Understanding Classes & Objects in Java	it_jdcoj dj_01_enus
Java SE 13: Constructors & Other Methods	it_jdcoj dj_02_enus
Java SE 13: More Operations on Member Variables & Methods	it_jdcoj dj_03_enus
Java SE 13: Semantics of Method Invocation & Nested Classes	it_jdcoj dj_04_enus
Java SE 13: Understanding Exception Handling in java	it_jdcoj dj_05_enus
Java SE 13: Correctly Using Try-Catch-Finally Blocks	it_jdcoj dj_06_enus
Java SE 13: Try-with-resources & Custom Exceptions	it_jdcoj dj_07_enus
Java SE 13: Byte & Character Streams in Java	it_jdcoj dj_08_enus
Java SE 13: Streams for Primitive Types, Objects, & Buffered IO	it_jdcoj dj_09_enus
Java SE 13: Working with Files & Directories	it_jdcoj dj_10_enus
Track 2: Senior Developer	
Java OOP: Understanding Inheritance & Polymorphism in Java	it_jdoopj dj_01_enus
Java OOP: The Role of Constructors in Inheritance	it_jdoopj dj_02_enus
Java OOP: Multi-level Inheritance	it_jdoopj dj_03_enus
Java OOP: Run-time & Compile-time Polymorphism	it_jdoopj dj_04_enus
Java OOP: Understanding Overriding & Hiding in Inheritance	it_jdoopj dj_05_enus
Java OOP: The Semantics of the final & abstract Keywords	it_jdoopj dj_06_enus
Java OOP: Access Modifiers for Regulating Access	it_jdoopj dj_07_enus
Java OOP: Interfaces & Anonymous Classes	it_jdoopj dj_08_enus
Git & GitHub: Introduction	it_apiggh dj_01_enus
Git & GitHub: Working with Git Repositories	it_apiggh dj_02_enus
Git & GitHub: Using GitHub for Source Code Management	it_apiggh dj_03_enus
Final Exam/Virtual Lab:	
	Practice-IT
Senior Developer	Lab -
Final Exam: Senior Developer	mandatory pit_jddj2
	Final Exam it_feajdj_02_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

Lead Java Developer to Journeyman Java Developer
ACE #: SKIL-0230

of Credits: 6

Expires: Expires: 7/31/2025

Track 1: Lead Developer

Advanced Features in Java: Getting Started with Java Collections	it_jdadfjdj_01_enus
Advanced Features in Java: Working with Lists in Java	it_jdadfjdj_02_enus
Advanced Features in Java: List Algorithms & Implementations	it_jdadfjdj_03_enus
Advanced Features in Java: Working with Sets In Java	it_jdadfjdj_04_enus
Advanced Features in Java: Working with Maps in Java	it_jdadfjdj_05_enus
Advanced Features in Java: Using the Java Stream API with Collections	it_jdadfjdj_06_enus
Advanced Features in Java: Using Built-in Annotations	it_jdadfjdj_07_enus
Advanced Features in Java: Using Custom Annotations	it_jdadfjdj_08_enus
Advanced Features in Java: Using Generic Type Parameters	it_jdadfjdj_09_enus
Advanced Features in Java: Wildcards and Type Capture	it_jdadfjdj_10_enus
Data Structures & Algorithms in Java: Introduction	it_jddsajdj_01_enus
Data Structures & Algorithms in Java: Working with Singly Linked Lists	it_jddsajdj_02_enus
Data Structures & Algorithms in Java: Doubly & Circular Linked Lists	it_jddsajdj_03_enus
Data Structures & Algorithms in Java: Working with Stacks	it_jddsajdj_04_enus
Data Structures & Algorithms in Java: Working with Queues	it_jddsajdj_05_enus

Track 2: Journeyman Developer

Mobile App Development: An Introduction Android Development	it_apmadadj_01_enus
Mobile App Development: Building a Basic Android App	it_apmadadj_02_enus
Mobile App Development: Defining the UI for an Android App	it_apmadadj_03_enus
Mobile App Development: Coding the Behavior of an Android App	it_apmadadj_04_enus
Mobile App Development: Authentication in an Android App	it_apmadadj_05_enus
Mobile App Development: Testing an Android App	it_apmadadj_06_enus

Lab Work & Final Exam

Lead Developer	Practice-IT Lab - mandatory	pit_jddj3
Final Exam: Lead Developer	Final Exam	it_feajdj_03_enus
Journeyman Developer	Practice-IT Lab - mandatory	pit_jddj4
Final Exam: Journeyman Developer	Final Exam	it_feajdj_04_enus

Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)

Java Developer to Database Developer

ACE #: SKIL-0231

of Credits: 6

Expires: 7/31/2025

Track 1: Developer

Advanced Data Structures & Algorithms in Java: Working With Binary Trees	it_jmadsjdj_01_enus
Advanced Data Structures & Algorithms in Java: Solving Binary Tree Problems	it_jmadsjdj_02_enus
Advanced Data Structures & Algorithms in Java: Working with Binary Search Trees	it_jmadsjdj_03_enus
Advanced Data Structures & Algorithms in Java: Sorting & Searching Algorithms	it_jmadsjdj_04_enus
Advanced Data Structures & Algorithms in Java: Working with the Binary Heap	it_jmadsjdj_05_enus
Advanced Data Structures & Algorithms in Java: Getting Started with Graphs	it_jmadsjdj_06_enus
Advanced Data Structures & Algorithms in Java: Working with Graph Algorithms	it_jmadsjdj_07_enus
Multithreading and Concurrency in Java: Introduction to Concurrent Programming	it_jmmtcjdj_01_enus
Multithreading and Concurrency in Java: Spawning & Launching Threads	it_jmmtcjdj_02_enus
Multithreading and Concurrency in Java: Thread Synchronization & Locks	it_jmmtcjdj_03_enus
Multithreading and Concurrency in Java: Concurrency & the Producer-Consumer Problem	it_jmmtcjdj_04_enus
Multithreading and Concurrency in Java: Objects for Concurrent Programming	it_jmmtcjdj_05_enus
Multithreading and Concurrency in Java: Scaling a Multithreaded Application	it_jmmtcjdj_06_enus

Track 2: Database Developer

JDBC: An Introduction to Java Database Connectivity	it_jmjdbcdj_01_enus
JDBC: Executing Statements	it_jmjdbcdj_02_enus
JDBC: Working with ResultSets & Query Batches	it_jmjdbcdj_03_enus
JDBC: RowSet	it_jmjdbcdj_04_enus
JDBC: Advanced Topics	it_jmjdbcdj_05_enus
Java Persistence API: Getting Started With JPA & Hibernate	it_jmjpehdj_01_enus
Java Persistence API: Configuring Fields & Performing CRUD Operations	it_jmjpehdj_02_enus
Java Persistence API: Mapping & Configuring Relationships	it_jmjpehdj_03_enus
Java Persistence API: Embedding Collections & Managing Cascade Operations	it_jmjpehdj_04_enus
Java Persistence API: Executing Queries & Managing the Entity Lifecycle	it_jmjpehdj_05_enus
Final Exam: Developer	it_fedaa_01_enus
Lab Work & Final Exam	
Database Developer	pit_dsa2
Final Exam: Database Developer	it_fedaa_02_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<u>Full Stack Java Developer to Software Architect</u>	
<u>ACE #: SKIL-0232</u>	
<u># of Credits: 5</u>	
Expires: 7/31/2025	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Track 1: Full Stack Java Developer	
The Spring Web MVC Framework: Getting Started	it_jmbwasdj_01_enus
The Spring Web MVC Framework: Handling Requests & Errors	it_jmbwasdj_02_enus
The Spring Web MVC Framework: Working With Forms & Files	it_jmbwasdj_03_enus
The Spring Web MVC Framework: Building Web Applications & REST APIs	it_jmbwasdj_04_enus
Spring Boot Microservices: Getting Started	it_jmbmsbdj_01_enus
Spring Boot Microservices: Asynchronous Methods, Schedulers, & Forms	it_jmbmsbdj_02_enus

Spring Boot Microservices: Building RESTful API Services	it_jmbmsbdj_03_enus
Spring Boot Microservices: Advanced Microservices & Securing Web Applications	it_jmbmsbdj_04_enus
Track 2: Software Architect	
The Redis In-memory Data Store: An Introduction to Redis	it_jmwrdsdj_01_enus
The Redis In-memory Data Store: Data Structures	it_jmwrdsdj_02_enus
The Redis In-memory Data Store: Messaging & Streaming	it_jmwrdsdj_03_enus
The Redis In-memory Data Store: Working With Redis Clients	it_jmwrdsdj_04_enus
The Redis In-memory Data Store: Administering a Redis Server	it_jmwrdsdj_05_enus
Track 3: Business & Leadership for Software Architects	
Design Thinking for Innovation: Brainstorming and Ideation	bs_dgt51_a01_enus
Design Thinking for Innovation: Defining Opportunities	bs_dgt50_a01_enus
Design Thinking for Innovation: Prototyping and Testing	bs_dgt52_a01_enus
Design Thinking for Innovation: Stakeholder Engagement	bs_dgt49_a01_enus
Developing an Effective Business Case	bs_acm01_a01_enus
Expert Insights on Adapting to Change	bs_ldcip_01_enus
Expert Insights on Collaboration	bs_ldcme_02_enus
Expert Insights on Leading with Emotional Intelligence	bs_ldcle_06_enus
Expert Insights on Managing Fear	bs_ldcpa_04_enus
Expert Insights on Managing Risk	bs_ldcbe_02_enus
Expert Insights on Managing Stress	bs_ldcsd_03_enus
Expert Insights on Managing Virtual Teams	bs_ldctm_03_enus
Expert Insights on Mindsets	bs_ldcpa_05_enus
Expert Insights on Resilience & Perseverance	bs_ldcip_08_enus
Embracing a Customer-obsessed Mentality	bs_acs05_a01_enus
Building Agile Capabilities in Your Organization	bs_dgt07_a01_enus
Embracing the Digital Opportunity	bs_amk06_a01_enus
Developing a Growth Mindset	bs_ast03_a01_enus
Developing and Supporting an Agile Mindset	bs_dgt06_a01_enus
Developing a Personal Accountability Framework	bs_pe05_a04_enus
Developing Emotional Intelligence	bs_ald14_a04_enus
Developing Your Business Ethics	bs_apd05_a01_enus
Developing Your Critical Thinking and Cognitive Flexibility	bs_ald07_a06_enus
Lab Work & Final Exam	
Full Stack Developer (FSD) pit_dsa3	
Final Exam: FSD Developer it_fedaa_03_enus	
Software Architect pit_dsa4	
Final Exam: Software Architect it_fedaa_04_enus	
Final Exam: Business & Leadership for Software Architects	bs_blsa_a01_fe_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

DevOps Engineer to Cloud Architect

ACE #: SKIL-0233

of Credits: 3

Expires: 7/31/2025

<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Track 1: DevOps Engineer	
Adopting the DevOps Mindset	it_codmstdj_01_enus
DevOps Practices for the Enterprise	it_copdvddj_01_enus
Kanban for Operations: Managing Projects Using Kanban	it_cokbopdj_01_enus
Agile and DevOps: Adopting Agile Methodology	it_coagdvdj_01_enus
Adopting the DevOps CI/CD Paradigm	it_codvcddj_01_enus
DevOps & AWS: CloudOps Implementation	it_coawsddj_01_enus
CloudOps with Azure DevOps Tools	it_coazdvdj_01_enus
CloudOps with Google Cloud Platform Tools	it_cogodvdj_01_enus
CloudOps: Infrastructure as Code	it_coinacdj_01_enus
Track 2: Cloud Engineer	
Adopting IT Automation	it_codoardj_01_enus
Applying Design Patterns in DevOps & CloudOps Automation	it_codasddj_01_enus
Using AWS to Set Up DevOps and CloudOps Automation Frameworks	it_coadoadj_01_enus
Applying Automation Using AWS Tools	it_coadoadj_02_enus
Azure DevOps: Repository & Pipeline Management	it_coadvadj_01_enus
Azure DevOps: Managing Agile Lifecycle	it_coadvadj_02_enus
GCP DevOps: CloudOps with Google Cloud Platform	it_cogdoadj_01_enus
DevOps Automation Across Platforms: CloudOps for Multi-cloud Deployments	it_codvadj_01_enus
DevOps Automation Across Platforms: Working with Multi-cloud Tools	it_codvadj_02_enus
Track 3: CloudOps Engineer	
DevOps to CloudOps for Multi-cloud	it_comdtocdj_01_enus
Implementing IaaS & Orchestration for Multi-cloud Environments	it_coiaasdj_01_enus
CloudOps Interoperability: Modeling Cloud Computing for Integration	it_copphodj_01_enus
CloudOps Interoperability: Inter-cloud Integration & Implementation	it_copphodj_02_enus
Docker & Multi-cloud: Managing Multi-cloud with Docker	it_codmcedj_01_enus
Docker & Multi-cloud: Multi-host, Multi-cloud Management with Docker Enterprise	it_codmcedj_02_enus
Managing Multi-cloud Containers Using Kubernetes	it_cokmcladj_01_enus
OpenStack in CloudOps: Managing Multi-cloud with OpenStack	it_cooscpdj_01_enus
OpenStack in CloudOps: Automation	it_cooscpdj_02_enus
Securing CloudOps Deployments: Security Standards for Multi-cloud	it_coscodxdj_01_enus

Securing CloudOps Deployments: Implementing Multi-cloud Security	it_coscodxdj_02_enus
CloudOps: Implementing SD-WAN to Optimize Environments	it_cosdwadj_01_enus
Track 4: Cloud Architect	
Role of a Cloud Architect	it_cocoatdj_01_enus
Cloud Transition: Adopting & Moving to Cloud & Multi-cloud Environments	it_cottcodj_01_enus
CloudOps Solutioning Strategies	it_cocosldj_01_enus
Applying the Explainability Approach to Guide Cloud Implementation	it_cocoexdj_01_enus
Cloud Future: Adapting Cloud Innovation	it_cocofudj_01_enus
Final Exam: Cloud DevOps Engineer	it_fedeca_01_enus
Final Exam: Cloud Engineer	it_fedeca_02_enus
Final Exam: CloudOps Engineer	it_fedeca_03_enus
Final Exam: Cloud Architect	it_fedeca_04_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

Enterprise Developer to DevOps Developer	
ACE #: SKIL-0234	
# of Credits: 3	
Expires: 7/31/2025	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Track 1: Enterprise Developer	
DevOps Mindset: DevOps Principles & Implementation Approach	it_doexdodj_01_enus
DevOps Mindset: Understanding DevOps Tools	it_doexdodj_02_enus
The Language of DevOps: DevOps Principles & Practices	it_dodovcdj_01_enus
The Language of DevOps: DevOps Tools & Processes	it_dodovcdj_02_enus
DevOps Agile Development: Agile Processes for DevOps	it_dodoaddj_01_enus
DevOps Agile Development: DevOps Methodologies for Developers	it_dodoaddj_02_enus
DevOps Smart Failure: Fail Fast & DevOps	it_doatffdj_01_enus
DevOps Collaboration Tools: Tools for Continuous Integration	it_dodoctdj_01_enus
DevOps Collaboration Tools: Tools for Continuous Delivery	it_dodoctdj_02_enus
Lab Work	
Enterprise Developer (Mandatory Lab)	pit_doedj1

Track 2: DevOps Developer

DevOps Tools: Selecting the Right Tools	it_dochtljdj_01_enus
Using Git for DevOps: Using Git Effectively	it_dogitdj_01_enus
Using Git for DevOps: Managing Conflict & Effectively Using Git Workflow	it_dogitdj_02_enus
Using Docker for DevOps: Introduction to Docker	it_dodokcdj_01_enus
Using Docker for DevOps: Configuring Docker for Continuous Delivery	it_dodokcdj_02_enus
Ansible: Ansible for DevOps Provisioning	it_doansidj_01_enus
Ansible: Continuous Delivery and Monitoring Using Ansible Playbook and Tower	it_doansidj_02_enus
Chef for DevOps: Managing Infrastructure Using Chef	it_dochefdj_01_enus
Chef for DevOps: Automate Infrastructure Using Chef Tools & Templates	it_dochefdj_02_enus
Puppet for DevOps: Installing & Working with Puppet Components	it_dopuppdj_01_enus
Puppet for DevOps: Working with Puppet Bolt & Continuous Delivery for PE	it_dopuppdj_02_enus
Jenkins for DevOps: Jenkins Configuration for DevOps	it_dojenkdj_01_enus
Jenkins for DevOps: Automated Testing & Advanced Jobs Using Jenkins	it_dojenkdj_02_enus
SaltStack for DevOps: Working with SaltStack Components	it_dostskdj_01_enus
SaltStack for DevOps: Configuration Management with SaltStack	it_dostskdj_02_enus

Lab Work

DevOps Developer (Mandatory Lab)	pit_doedj1
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Final Exam: Enterprise Developer - DevOps it_fedoen_01_enus

Final Exam: DevOps Developer it_fedoen_02_enus

Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)

DevOps Lead to DevOps Engineer

ACE #: SKIL-0235**# of Credits: 2****Expires: 7/31/2025****COURSE TITLE****COURSE NUMBER****Track 1: DevOps Lead**

Best Practices for DevOps Implementation	it_dodsbpdj_01_enus
DevOps Cloud Automation: AWS DevOps Tools	it_dodocadj_01_enus
DevOps Cloud Automation: Advanced AWS Pipelines and DevOps Using Azure	it_dodocadj_02_enus
DevOps Cloud Automation: DevOps with Google Cloud Platform	it_dodocadj_03_enus
DevOps Automation: Configuration Management	it_doiadodj_01_enus

DevOps Automation: Delivery Mechanisms	it_doiadodj_02_enus
CI/CD Implementation for DevOps	it_docicddj_01_enus
DevOps with Docker: Container Management	it_dodkadj_01_enus
DevOps with Docker: Implementing DevOps Using Docker	it_dodkadj_02_enus
DevOps with Docker: Management in the Cloud	it_dodkadj_03_enus
DevOps Continuous Testing: Testing Approaches	it_dodocndj_01_enus
DevOps Continuous Testing: Testing Methodologies	it_dodocndj_02_enus
Lab Work	
DevOps Lead (Mandatory Lab)	pit_doedj3
Track 2: DevOps Engineer	
Scaling DevOps: Pipelines at Scale	it_doscdodj_01_enus
Scaling DevOps: Infrastructure at Scale	it_doscdodj_02_enus
Enterprise DevOps with Docker	it_dodketdj_01_enus
DevOps Continuous Feedback: Implementing Continuous Feedback	it_doemcfdj_01_enus
DevOps Continuous Feedback: Loop Tools	it_doemcfdj_02_enus
DevOps Security Considerations: Securing DevOps Pipeline	it_dosecdj_01_enus
DevOps Security Considerations: DevSecOps Principles	it_dosecdj_02_enus
Lab Work	
DevOps Engineer (Mandatory Lab)	pit_doedj4
Final Exam: DevOps Lead	it_fedoen_03_enus
Final Exam: DevOps Engineer	it_fedoen_04_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<p>Infrastructure Support Engineer to DevOps Support Practitioner</p> <p>ACE #: SKIL-0236 # of Credits: 2 Expires: 7/31/2025</p>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Track 1: Infrastructure Support Engineer	
DevOps Engineering: Upgrading Legacy Systems & Support Systems	it_dpeodedj_01_enus
DevOps Support Administrator: Exploring Cloud Service Models	it_dptfddj_01_enus
DevOps Support Administrator: DevOps Practices for Support Engineers	it_dptfddj_02_enus

DevOps Support Administrator: DevOps Tools for Support Engineers	it_dptfdedj_03_enus
Scripting Automation: Adopting an Automation Mindset	it_dpsasedj_01_enus
Scripting Automation: Major Automation Technologies for Support Engineers	it_dpsasedj_02_enus
Scripting Automation: Scripting for Support Engineers	it_dpsasedj_03_enus
DevOps Support Administrator: Cloud Computing Essentials for Support Engineers	it_dpccsedj_01_enus
DevOps Support Administrator: The Role of the Cloud Support Engineer	it_dpccsedj_02_enus
DevOps Troubleshooting Essentials	it_dpedotdj_01_enus
DevOps Troubleshooting Scenarios	it_dpedotdj_02_enus
Administration Tasks: Adopting the Right Standards for IT Automation	it_dpaadtj_01_enus
Administration Tasks: Practical Automation Using Tools	it_dpaadtj_02_enus
Getting Started with DevOps Pipelines	it_dpdpfdj_01_enus

Track 2: DevOps Support Practitioner

The DevOps Deployment Pipeline: Managing Releases Using AWS Pipelines	it_dpdpdpdj_01_enus
The DevOps Deployment Pipeline: Implementing DevOps Principles Using Azure Pipelines	it_dpdpdpdj_02_enus
The DevOps Deployment Pipeline: Pipeline Implementation Using GCP	it_dpdpdpdj_03_enus
DevOps Pipelines: Using Action Type Integrations to Configure AWS Pipelines	it_dpdpdpdj_01_enus
DevOps Pipelines: Configuring & Building Core Elements of Azure Pipelines	it_dpdpdpdj_02_enus
DevOps Pipelines: Configuring a GCP Pipeline	it_dpdpdpdj_03_enus
Version & Source Control: Basics	it_dpvsfdj_01_enus
Version & Source Control: Working With Source Control Tools	it_dpvsfdj_02_enus
Cloud Release Management: Managing Productive Release	it_dprnmfdj_01_enus
Cloud Release Management: Implementing Release Applications	it_dprnmfdj_02_enus
Packaging in DevOps: Application Packaging Mechanism	it_dpmdotdj_01_enus
Packaging in DevOps: Packaging Applications for Cloud	it_dpmdotdj_02_enus
DevOps Deployment: Adopting the Right Deployment Strategy	it_dpddopdj_01_enus
DevOps Deployment: Deploying Applications Using Deployment Tools	it_dpddopdj_02_enus
Cloud Run and Compute Services: Establishing a Compute & Run Environment	it_dpmcrcdj_01_enus
Monitoring in DevOps: IT Resources	it_dpdomfdj_01_enus

Monitoring in DevOps: Cloud Services	it_dpdomfdj_02_enus
Final Exam: Infrastructure Support Engineer	it_feisecoe_01_enus
Final Exam: DevOps Support Practitioner	it_feisecoe_02_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<p>CloudOps Apprentice to CloudOps Engineer</p> <p><u>ACE #: SKIL-0237</u></p> <p><u># of Credits: 2</u></p> <p><u>Expires: 7/31/2025</u></p>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Track 1: CloudOps Apprentice	
Adopting DevOps: Principles & Practices	it_dpbdopdj_01_enus
Adopting DevOps: Applying DevOps Principles to Build Delivery Solutions	it_dpbdopdj_02_enus
Hybrid Environment Pipelines: Hybrid Cloud Transformation	it_dpdpdphedj_01_enus
Hybrid Environment Pipelines: DevOps Practices for Hybrid Environments	it_dpdpdphedj_02_enus
Advanced CloudOps Deployments: Hybrid & Multi-cloud Scenarios	it_dpdpadpedj_01_enus
Advanced CloudOps Deployments: Deploying Multi-cloud Environments	it_dpdpadpedj_02_enus
CloudOps Container Clustering: Clustering Containers	it_dpdpdoccdj_01_enus
CloudOps Container Clustering: Implementing Container Orchestration in DevOps	it_dpdpdoccdj_02_enus
High-availability Cloud Deployments: Designing High-availability Solutions	it_dpdpbhccddj_01_enus
High-availability Cloud Deployments: Implementing High-availability Solutions	it_dpdpbhccddj_02_enus
Building Multi-cloud Deployments: Managing Environments	it_dpdpbmcddj_01_enus
Building Multi-cloud Deployments: Deploying Environments	it_dpdpbmcddj_02_enus
CloudOps Machine Data Analytics: Splunk for CloudOps	it_dpdpdsincdj_01_enus
CloudOps Machine Data Analytics: Working with Splunk Components	it_dpdpdsincdj_02_enus
Track 2: CloudOps Engineer	

The Skilled CloudOps Engineer: Roles & Responsibilities	it_dpcoendj_01_enus
The Skilled CloudOps Engineer: Transforming to a CloudOps Engineer	it_dpcoendj_02_enus
CloudOps Automation: Designing & Prototyping Solutions	it_dpdcoadj_01_enus
CloudOps Automation: Continuous Automation Implementation	it_dpdcoadj_02_enus
Redundant CloudOps Solution Design: Redundancy Principles	it_dpbrcsdj_01_enus
Redundant CloudOps Solution Design: Managing Multi-cloud Redundancy	it_dpbrcsdj_02_enus
Cloud Solutions: Supporting Cloud Operations	it_dpspcsdj_01_enus
CloudOps Performance Tuning: Applying Performance Principles	it_dpptcddj_01_enus
CloudOps Performance Tuning: Tuning Cloud Performance for Deployment	it_dpptcddj_02_enus
CloudOps Performance Tuning: Managing Multi-cloud Performance	it_dpptcddj_03_enus
Explainability for Cloud Deployments: Applying Explainability in CloudOps	it_dpcoexdj_01_enus
Final Exam: CloudOps Apprentice	it_feisecoe_03_enus
Final Exam: CloudOps Support Engineer	it_feisecoe_04_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<p>Network Security Specialist to CloudOps Security Architect</p> <p><u>ACE #: SKIL-0238</u></p> <p><u># of Credits: 3</u></p> <p><u>_Expires: 7/31/2025</u></p>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Track 1: Network Security Specialist	
Cloud Services: Cloud Computing Concepts	it_csgscsdj_01_enus
Cloud Security Fundamentals: Basics of Cloud Operations	it_soclscdj_01_enus
Cloud Security Fundamentals: Architectural & Design Concepts	it_soclscdj_02_enus
Cloud Security Fundamentals: Cloud Infrastructure Security	it_soclscdj_03_enus
Cloud Security Fundamentals: Cloud Data Security	it_soclscdj_04_enus
Cloud Security Fundamentals: Cloud Application Security	it_soclscdj_05_enus
Cloud Security Fundamentals: Legal & Compliance	it_soclscdj_06_enus
Business Continuity: Cloud Integration	it_csbcmgdj_01_enus
Business Continuity: Secure Cloud Computing	it_csbcmgdj_02_enus
Cloud Management	it_socspddj_01_enus

Track 2: Security Admin

Cloud Security Administration: Introduction	it_soc saddj_01_enus
Cloud Security Administration: Infrastructure Planning	it_soc saddj_02_enus
Cloud Security Administration: Cloud Data & Application Security	it_soc saddj_03_enus
Cloud Security Administration: Hardened Cloud Security	it_soc saddj_04_enus
Cloud Security Administration: Continuous Operational Improvement	it_soc saddj_05_enus
Cloud Security Administration: Regulatory Conformance	it_soc saddj_06_enus

Track 3: Cloud Security Admin

Cloud Security Management: Architecture Security	it_soc dsmdj_01_enus
Cloud Security Management: Operations Security	it_soc dsmdj_02_enus
Cloud Security Management: Data Security	it_soc dsmdj_03_enus
Cloud Security Management: Risk Management	it_soc dsmdj_04_enus
Cloud Security Management: Platform & Infrastructure Security	it_soc dsmdj_05_enus
Cloud Security Management: Legal & Compliance	it_soc dsmdj_06_enus
Securing AWS: Fundamentals	it_soawss_01_enus
Securing AWS: Identity & Access Management	it_soawss_02_enus
Securing AWS: Infrastructure Security	it_soawss_03_enus
Securing AWS: Data Protection	it_soawss_04_enus

Track 4: Cloud Security Architect

Cloud Platform Security: Designing Secure Access	it_soc dpsdj_01_enus
Cloud Platform Security: Infrastructure Protection	it_soc dpsdj_02_enus
Cloud Platform Security: System Monitoring & Protection	it_soc dpsdj_03_enus
Cloud Platform Security: Incident Response & Remediation	it_soc dpsdj_04_enus
Cloud Platform Security: Platform & Infrastructure Security	it_soc dpsdj_05_enus

Final Exam: Network Security Specialist	it_fecosa_01_enus
Final Exam: Security Admin	it_fecosa_02_enus
Final Exam: Cloud Security Admin	it_fecosa_03_enus
Final Exam: Cloud Security Architect	it_fecosa_04_enus

Proctor Signature/Date Completed/Score:

(User has 3 attempts to pass the Exam)

Enterprise Developer to Full Stack Developer

ACE #: SKIL-0239

of Credits: 3

_Expires: 7/31/2025

COURSE TITLE

COURSE NUMBER

Track 1: Enterprise Developer

FSD Getting Started: Introduction to Full Stack Development	it_fsgfsdj_01_enus
FSD Software Testing: Full Stack Developer Software Testing	it_fsstfsdgdj_01_enus
Secure Full Stack Developer Programming	it_fsspfsdj_01_enus
MEAN for FSD Development: Introduction to the MEAN Stack	it_fsmeandj_01_enus
The MERN Stack & FSD	it_fsmerndj_01_enus
FSD Programming Languages: FSD Front-end Primer	it_fsfsdpdj_01_enus
FSD Programming Languages: FSD Back End & Miscellaneous Tools	it_fsfsdpdj_02_enus

Track 2: Front-end Developer

FSD Front-end Development: Features of HTML5 & CSS3	it_fsdhtcsdj_01_enus
FSD Front-end Development: Advanced CSS Browser Features	it_fsdhtcsdj_02_enus
FSD Front-End Development: Using JavaScript Functions	it_fsdjscrj_01_enus
FSD Front-End Development: Writing Code with jQuery	it_fsdjscrj_02_enus
FSD Front-End Development: Frameworks	it_fsduicdj_01_enus
FSD Front-End Development: UI Development with ReactJS	it_fsduicdj_02_enus
FSD Front-end Development: Server Tools	it_fsdbdtldj_01_enus
FSD Front-end Development: Build Tools	it_fsdbdtldj_02_enus
FSD Front-end Development: Testing Tools	it_fsdbdtldj_03_enus

Track 3: Middle/Back-end Developer

FSD Development: Java Spring Framework	it_fsjvsgdj_01_enus
FSD Development with Python: API Development in Flask	it_fsapipdj_01_enus
RESTful Services for FSD: Building & Testing RESTful Services	it_fsapirdj_01_enus
Deploying FSD Projects: Deployment Overview	it_fsdpfsddj_01_enus
Full Stack Developer CI/CD	it_fsdcicddj_01_enus
Full Stack End-to-End Testing	it_fsdttestdj_01_enus
Data Infrastructure: Databases in FSD Development	it_fsdatadj_01_enus

Track 4: Full Stack Developer

MEAN Stack Development	it_fsadmedj_01_enus
MERN: Advanced MERN Development	it_fsadmndj_01_enus
SQL in FSD Development	it_fssqlfdj_01_enus
NoSQL for FSD Development	it_fsnsqldj_01_enus
FSD Secure Database Development	it_fssdtddj_01_enus
Advanced Database Security Development	it_fsddfmdj_01_enus

Final Exam: Enterprise Developer - FSD it_fefsdv_01_enus
 Final Exam: Front-end Developer it_fefsdv_02_enus
 Final Exam: Middle/Back-end Developer it_fefsdv_03_enus
 Final Exam: Full Stack Developer it_fefsdv_04_enus

Proctor Signature/Date Completed/Score:
(User has 3 attempts to pass the Exam)

Project Management Core Concepts

ACE #: SKIL-0240**# of Credits: 3****_Expires: 7/31/2025****COURSE TITLE****COURSE NUMBER**

Exploring Project Management, Then and Now (2021 Update)	bs_apj30_a01_enus
Building and Training the Project Team (2021 Update)	bs_apj30_a19_enus
Leading the Team (2021 Update)	bs_apj30_a20_enus
Engaging Team Members and Stakeholders (2021 Update)	bs_apj30_a21_enus
Supporting Agile Team Performance (2021 Update)	bs_apj30_a22_enus
Managing the Project Scope (2021 Update)	bs_apj30_a15_enus
Implementing a Procurement Strategy (2021 Update)	bs_apj30_a16_enus
Integrating Project Activities and Changes (2021 Update)	bs_apj30_a17_enus
Maintaining Project Artifacts and Knowledge (2021 Update)	bs_apj30_a18_enus
Understanding Agile Fundamentals (2021 Update)	bs_apj30_a23_enus
Communicating and Engaging Teams and Stakeholders (2021 Update)	bs_apj30_a24_enus
Prioritizing and Delivering Value (2021 Update)	bs_apj30_a25_enus
Estimating Agile Project Work (2021 Update)	bs_apj30_a26_enus
Deep Dive into the Project Scope (2021 Update)	bs_apj30_a27_enus
Deep Dive into the Project Schedule (2021 Update)	bs_apj30_a28_enus
Deep Dive into Project Costs and Estimates (2021 Update)	bs_apj30_a29_enus

Deep Dive into Project Quality (2021 Update)	bs_apj30_a30_enus
Deep Dive into Project Procurement (2021 Update)	bs_apj30_a31_enus
Planning and Managing Project Compliance (2021 Update)	bs_apj30_a33_enus
Assessing the Business Environment and Changes (2021 Update)	bs_apj30_a34_enus
Delivering Project Benefits and Value (2021 Update)	bs_apj30_a35_enus
Selecting a Project Management Approach (2021 Update)	bs_apj30_a02_enus
Communicating Effectively (2021 Update)	bs_apj30_a03_enus
Defining and Identifying Project Risk (2021 Update)	bs_apj30_a04_enus
Performing Risk Analysis (2021 Update)	bs_apj30_a05_enus
Managing Project Risks (2021 Update)	bs_apj30_a06_enus
Engaging Stakeholders (2021 Update)	bs_apj30_a07_enus
Planning and Managing the Project Budget (2021 Update)	bs_apj30_a08_enus
Managing the Project Resources (2021 Update)	bs_apj30_a09_enus
Planning the Project Schedule (2021 Update)	bs_apj30_a10_enus
Managing the Project Schedule (2021 Update)	bs_apj30_a12_enus
Establishing Quality Standards (2021 Update)	bs_apj30_a13_enus
Delivering Project Quality (2021 Update)	bs_apj30_a14_enus
Performing a Critical Path Analysis (2021 Update)	bs_apj30_a11_enus
Deep Dive into Project Risk (2021 Update)	bs_apj30_a32_enus
Final Exam: Project Management Core Concepts	pm_pmp21_a01_fe_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

<p>Certified Information Systems Security Professional (CISSP) 2021</p> <p><u>ACE #: SKIL-0241</u></p> <p><u># of Credits: 3</u></p> <p>Expires: 7/31/2025</p>	
<u>COURSE TITLE</u>	<u>COURSE NUMBER</u>
Courses and Bootcamps	
CISSP 2021: (ISC)2 & the CISSP Exam	it_spcissp_01_enus
CISSP 2021: Fundamental Concepts & Principles	it_spcissp_02_enus
CISSP 2021: Secure Design Principles	it_spcissp_03_enus
CISSP 2021: Security Governance Principles	it_spcissp_04_enus

CISSP 2021: Security Policy	it_spcissp_05_enus
CISSP Bootcamp: Session 1 (Percipio Only)	LLIS0007
CISSP 2021: Asset Classification & Lifecycle	it_spcissp_06_enus
CISSP 2021: Risk Management	it_spcissp_07_enus
CISSP 2021: Practical Cryptography	it_spcissp_08_enus
CISSP 2021: Identity and Access Management Principles	it_spcissp_09_enus
CISSP Bootcamp: Session 2 (Percipio Only)	LLIS0007
CISSP 2021: Deploying Identity & Access Management (IAM)	it_spcissp_10_enus
CISSP 2021: Architecture, Design, & Solutions Vulnerabilities	it_spcissp_11_enus
CISSP 2021: Site & Facility Security	it_spcissp_12_enus
CISSP Bootcamp: Session 3 (Percipio Only)	LLIS0007
CISSP 2021: Communication & Network Security	it_spcissp_13_enus
CISSP 2021: Security Operations	it_spcissp_14_enus
CISSP Bootcamp: Session 4 (Percipio Only)	LLIS0007
CISSP 2021: Business Continuity Planning	it_spcissp_15_enus
CISSP 2021: Security Assessment & Testing	it_spcissp_16_enus
CISSP 2021: Software Development Lifecycles & Ecosystems	it_spcissp_17_enus
CISSP 2021: Software Development Security	it_spcissp_18_enus
CISSP Bootcamp: Session 5 (Percipio Only)	LLIS0007
Certified Information Systems Security Professional (CISSP) (Optional Lab)	pit_cissp_isc2
TestPrep: Certified Information Systems Security Professional (CISSP) 2021	it_spciss_01_tp_enus
Proctor Signature/Date Completed/Score: (User has 3 attempts to pass the Exam)	

***Lower means that the student can apply to use the credit at either a participating 2 year or 4 year institution towards either an associate or baccalaureate degree.**