



Programmer to Secure Agile Programmer

SKILLSOFT ASPIRE JOURNEY

skillsoft ▶▶

Głównym wyzwaniem przed którym stają dziś organizacje na całym świecie jest konieczność ciągłego podnoszenia umiejętności i poziomu wiedzy w ślad za gwałtownym rozwojem nowych technologii i zmian na globalnym rynku.

Stały rozwój i podnoszenie kwalifikacji w IT od dawna jest już rzeczą oczywistą, a możliwość zapewnienia wsparcia specjalistom chcącym stale się rozwijać jest jedną z głównych kart przetargowych w walce o pracownika.

Na rynku liczą się dziś ludzie, którzy posiadają konkretne kompetencje i zestaw umiejętności pozwalający im wykonywać zadania efektywnie, a nie Ci z najdłuższym stażem pracy.

Dziś, bardziej niż kiedykolwiek w cenie jest umiejętność budowania ścieżki kariery dla profesjonalistów IT, którzy wciąż chcą się liczyć na rynku pracy.

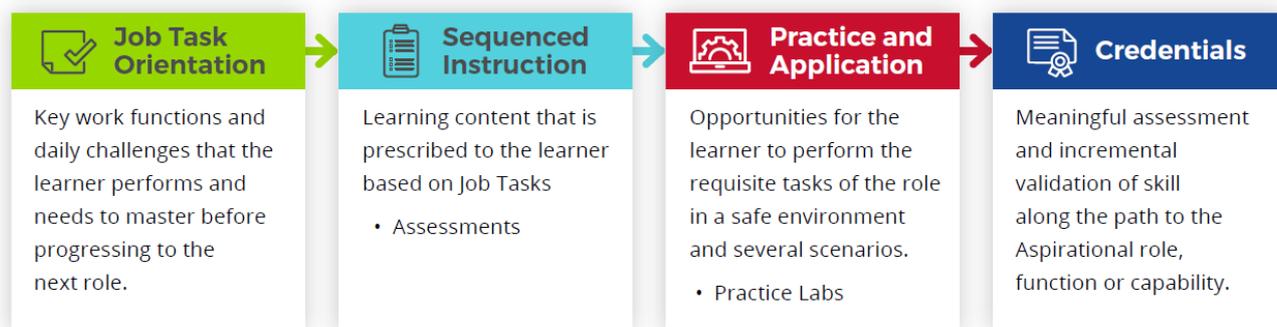
Skillsoft Aspire Journey stanowi odpowiedź na pytanie, jakie szkolenia muszą ukończyć, aby być przygotowanym do swojej wymarzonej pracy. Spośród kilkuset kanałów tematycznych dostępnych na naszej platformie szkoleniowej nasi specjaliści wybrali te, które naszym zdaniem najlepiej wyposażą uczących się w narzędzia potrzebne do realizacji zadań w nowej roli.

Skillsoft Aspire Journey to zestawy szkoleń i ćwiczeń w języku angielskim, które metodycznie, krok po kroku pozwalają specjalistom przejść od poziomu podstawowego do zaawansowanego.

Każda ścieżka zawiera szkolenia, laboratoria wirtualne, video i książki, które pomogą uczącym się osiągnąć pożądane kompetencje poświadczane certyfikatem.

Aspire Journey Model

Cała ścieżka opiera się na 4-elementowym cyklu powtarzanym na kolejnych etapach nauki.



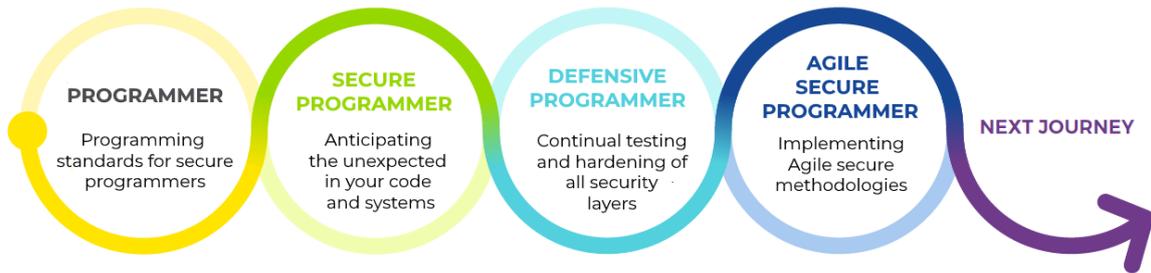
1. Określenie kluczowych funkcji i wyzwań, z którymi musi poradzić sobie uczący się w chwili obecnej, jak i tymi, z którymi przyjdzie mu się zmierzyć w nowej pracy.
2. Przejście zaprojektowanych ścieżek w proponowanej kolejności, wykonanie ćwiczeń i zaliczenie testów.
3. Przećwiczenie nowych umiejętności w kontrolowanym środowisku w oparciu o gotowe scenariusze działań. Laboratoria wirtualne Skillsoft
4. Certyfikat – zaliczenie testu końcowego na poziomie co najmniej 70% i uzyskanie certyfikatu potwierdzającego ukończenie danego etapu nauki.

Aspire Journey - Penetration Tester to SpecOps Engineer

Analizując trendy opisujące zachowanie użytkowników na naszych platformach szkoleniowych i współpracując ściśle z naszymi klientami na całym świecie Skillssoft wyselekcjonował najlepsze materiały szkoleniowe i ułożył je w ustrukturalizowaną ścieżkę rozwoju. Ścieżka zawiera około 27 godzin szkoleniowych.

SECURITY JOURNEY

PROGRAMMER TO SECURE AGILE PROGRAMMER



6 courses
4h 40m 19s

- focus on programming standards for secure programmers



6 courses
3h 35m 33s

- focus on security concepts, vulnerabilities, encryption, attacks and resiliency coding for secure programmers



7 courses
4h 55m 27s

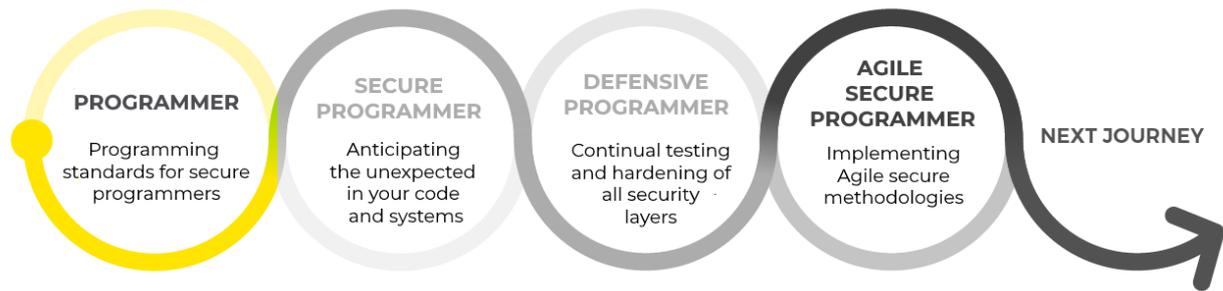
- focus on defensive concepts and techniques, cryptography, code sampling, secure testing, and advanced defensive programmer concepts



5 courses
2h 15m 9s

- focus on secure Agile programming concepts, techniques, modeling, and testing.

PROGRAMMER TO SECURE AGILE PROGRAMMER



Track 1: Programmer (duration: 4h 40m 19s)

 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Secure Programmer: Intro to Programming Standards</p>	 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Secure Programmer: Software Design Techniques</p>
<p>Objectives:</p> <ul style="list-style-type: none"> ▪ define basic programming & software engineering concepts ▪ recall IEEE programming standards including general, testing and quality, and maintenance and documentation standards ▪ recall IEEE programming standards including NIST SP 800-27, ISO/IEC 15504 and 24744:2014, and ISO 29110 ▪ recall IEEE and ISO programming standards ▪ identify software requirement types, the FURPS model, and the requirements gathering techniques ▪ identify requirements gathering techniques such as brainstorming, interviews, focus groups, and reverse engineering ▪ describe quality and the change management process ▪ apply the IEEE Std 730 standard for software quality 		<p>Objectives:</p> <ul style="list-style-type: none"> ▪ recognize software design concepts ▪ apply modular design ▪ apply resiliency design ▪ apply architectural design ▪ apply component level design ▪ apply pattern-based design ▪ recognize well designed Java code ▪ recognize well designed Python code ▪ recognize well designed C# code ▪ recognize well designed JavaScript ▪ recognize model-driven design 	

 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Secure Programmer: Software Modeling Techniques</p>	 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Secure Programmer: Coding Practices</p>
<p>Objectives:</p> <ul style="list-style-type: none"> ▪ recognize the Unified Modeling Language ▪ use specific UML diagrams including class, activity, use case, and sequence diagrams ▪ describe SysML and recognize how it can be used ▪ use specific SysML diagrams including block definition, internal block, and parametric diagrams 		<p>Objectives:</p> <ul style="list-style-type: none"> ▪ perform software estimation of resources and time ▪ apply good coding practices ▪ recognize bad Java programming ▪ recognize bad Python programming ▪ recognize bad C# programming ▪ recognize bad JavaScript programming ▪ apply good programming in Java ▪ apply good programming in Python ▪ apply good programming in C# ▪ apply good programming in JavaScript 	

 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Secure Programmer: Software Testing</p>
<p>Objectives:</p> <ul style="list-style-type: none"> ▪ describe and apply testing methodologies ▪ apply unit testing ▪ apply integration testing ▪ apply regression testing ▪ apply user acceptance testing ▪ describe roles and responsibilities in testing ▪ specific testing methods ▪ understand test cases and reporting ▪ apply software metrics ▪ describe software verification and validation ▪ describe bug tracking concepts ▪ use bug tracking methods 	

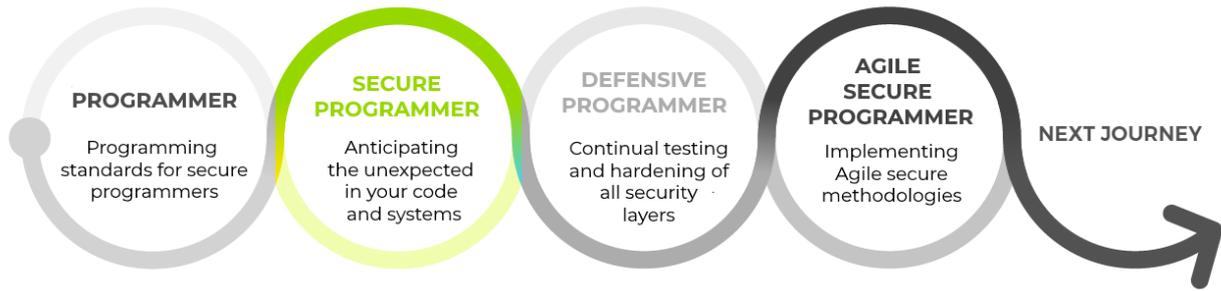


Secure Programmer: Final Exam

Objectives:

- apply architectural design
- apply component level design
- apply good coding practices
- apply good programming in Java
- apply good programming in JavaScript
- apply good programming in Python
- apply integration testing
- apply modular design
- apply pattern based design
- apply regression testing
- apply resiliency design
- apply software metrics
- apply specific UML diagrams including class, activity, use case, and sequence diagrams
- apply testing methodologies
- apply the IEEE Std 730 standard for software quality
- apply unit testing
- apply user acceptance testing
- define basic programming & software engineering concepts
- describe and apply testing methodologies
- describe bug tracking concepts
- describe modular design
- describe resiliency design
- describe software verification and validation
- describes roles and responsibilities in testing
- describe the quality and the change management process
- describe unit testing
- identify architectural design
- identify bad JavaScript programming
- identify IEEE programming standards including general, testing and quality, and maintenance and documentation standards
- identify requirements gathering techniques such as brainstorming, interviews, focus groups, and reverse engineering
- identify software design concepts
- identify software requirement types, the FURPS model, and methods for gathering requirements
- identify the Unified Modeling Language
- identify user acceptance testing
- implement good coding practices
- implement good programming in Java
- implement good programming in JavaScript
- implement good programming in Python
- implement unit testing
- perform software estimation of resources and time
- recall IEEE and ISO programming standards
- recall IEEE programming standards including general, testing and quality, and maintenance and documentation standards
- recall IEEE programming standards including NIST SP 800-27, ISO/IEC 15504 and 24744:2014, and ISO 29110
- recognize bad Java programming
- recognize bad JavaScript programming
- recognize bad Python programming
- recognize component level design
- recognize IEEE and ISO programming standards
- recognize IEEE programming standards including general, testing and quality, and maintenance and documentation standards
- recognize model driven design
- recognize software design concepts
- recognize the Unified Modeling Language
- recognize well designed Java code
- recognize well-designed JavaScript
- recognize well designed Python code
- specific testing methods
- understand test cases and reporting
- use bug tracking methods
- use specific UML diagrams
- use specific UML diagrams including class, activity, use case, and sequence diagrams

PROGRAMMER TO SECURE AGILE PROGRAMMER



Track 2: Secure Programmer (duration: 3h 35m 33s)

 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Secure Programmer: Security Concepts</p>	 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Secure Programmer: Vulnerabilities</p>
<p>Objectives:</p> <ul style="list-style-type: none"> describe security concepts, including the CIA triangle, least privileges, and separation of duties describe authentication and authorization, including models such as DAC, MAC, RBAC, and ABAC describe and be able to avoid common programming errors that can undermine security describe secure programming verification and validation process and techniques 		<p>Objectives:</p> <ul style="list-style-type: none"> describe specific security vulnerabilities and recognize how to program counter techniques describe OWASP Top 10 vulnerabilities including SQL injection, broken authentication, and cross-site scripting describe OWASP Top 10 vulnerabilities including broken access control, security misconfiguration, sensitive data exposure, and insufficient attack protection describe OWASP Top 10 vulnerabilities including cross-site request forgery, using components with known vulnerabilities, and underprotected APIs describe and use threat models including STRIDE, PASTA, DREAD, and SQUARE describe and use CVE vulnerability scoring implement Java secure coding to combat Rhino Script vulnerability implement Python secure coding to combat Remote Code Execution Vulnerability implement C# secure coding to combat SQL Injection Vulnerability implement JavaScript secure coding to combat SQL Injection Vulnerability implement Java secure coding to combat SQL Injection Vulnerability implement Python secure coding to combat a variety of security vulnerabilities implement C# secure coding to combat common code vulnerabilities implement JavaScript secure coding to combat Cross Site Scripting attacks use CVSS scoring for vulnerabilities use OWASP Zap vulnerability scanner to test web sites for common vulnerabilities use Vega Vulnerability Scanner to test web sites for common vulnerabilities 	

	<h3>Secure Programmer: Encryption</h3>		<h3>Secure Programmer: Attacks</h3>
<p>Objectives:</p> <ul style="list-style-type: none"> ▪ describe symmetric algorithms including AES, Blowfish, and Serpent ▪ describe asymmetric algorithms including RSA, ECC, and Diffie-Helman ▪ describe hashing algorithms such as MD5 and SHA as well as MAC and HMAC 		<p>Objectives:</p> <ul style="list-style-type: none"> ▪ code against format string attacks in Java ▪ code against format string attacks in Python ▪ code against format string attacks in C# ▪ code against SQL injection attacks in Java ▪ code against SQL injection attacks in Python ▪ code against SQL injection attacks in C# ▪ code against SQL injection attacks in JavaScript ▪ code against buffer overflow attacks in Java ▪ code against buffer overflow attacks in Python ▪ code against buffer overflow attacks in C# ▪ code against buffer overflow attacks in JavaScript ▪ code against cross-site scripting attacks in Java ▪ code against cross-site scripting attacks in Python ▪ code against cross-site scripting attacks in C# ▪ code against cross-site scripting attacks in JavaScript ▪ code against password cracking attacks in Java ▪ code against password cracking attacks in Python ▪ code against password cracking attacks in C# ▪ code against password cracking attacks in JavaScript 	

	<h3>Secure Programmer: Resiliency Coding</h3>
<p>Objectives:</p> <ul style="list-style-type: none"> ▪ describe the resiliency concepts such as stability, recovery, and defensive coding ▪ write resilient Java code ▪ write resilient Python code ▪ write resilient C# code ▪ write resilient JavaScript code 	

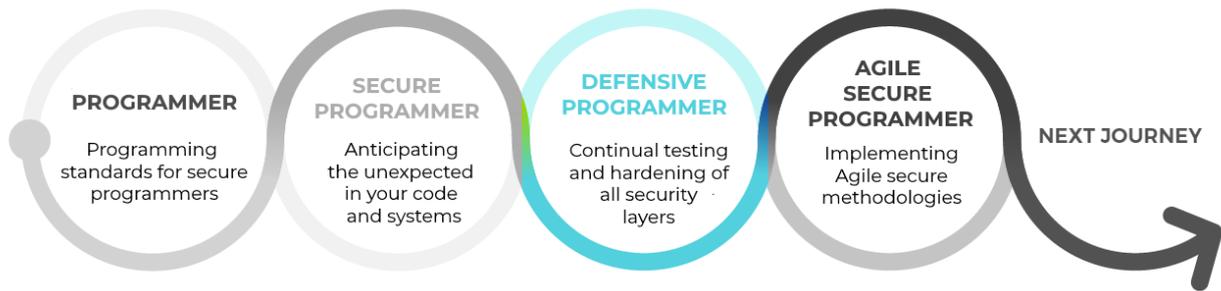


Secure Programmer: Final Exam

Objectives:

- apply C# secure coding to combat common code vulnerabilities
- apply JavaScript secure coding to combat SQL Injection Vulnerability
- code against buffer overflow attacks in C#
- code against buffer overflow attacks in Java
- code against buffer overflow attacks in Java - part 2
- code against buffer overflow attacks in Java - part 3
- code against buffer overflow attacks in JavaScript
- code against buffer overflow attacks in Python
- code against cross-site scripting attacks in C#
- code against cross-site scripting attacks in Java
- code against cross-site scripting attacks in JavaScript
- code against cross-site scripting attacks in JavaScript - part 2
- code against cross-site scripting attacks in Python
- code against format string attacks in C#
- code against format string attacks in Java
- code against format string attacks in Python
- code against password cracking attacks in JavaScript
- code against password cracking attacks in JavaScript - part 2
- code against SQL injection attacks in C#
- code against SQL injection attacks in C# - part 2
- code against SQL injection attacks in Java
- code against SQL injection attacks in Java - part 2
- code against SQL injection attacks in JavaScript
- code against SQL injection attacks in Python
- code against SQL injection attacks in Python - part 2
- describe and be able to avoid common programming errors that can undermine the security
- describe and use CVE vulnerability scoring
- describe and use threat models including STRIDE, PASTA, DREAD, and SQUARE
- describe asymmetric algorithms including RSA, ECC, and Diffie-Helman
- describe authentication and authorization, including models such as DAC, MAC, RBAC, and ABAC
- describe hashing algorithms such as MD5 and SHA as well as MAC and HMAC
- describe OWASP Top 10 vulnerabilities
- describe OWASP Top 10 vulnerabilities including broken access control, security misconfiguration, sensitive data exposure, and insufficient attack protection
- describe OWASP Top 10 vulnerabilities including cross-site request forgery, using components with known vulnerabilities, and underprotected APIs
- describe OWASP Top 10 vulnerabilities including SQL injection, broken authentication, and cross-site scripting
- describe secure programming verification and validation process and techniques
- describe security concepts, including the CIA triangle, least privileges, and separation of duties
- describe specific security vulnerabilities and recognize how to program counter techniques
- describe symmetric algorithms including AES, Blowfish, and Serpent
- describe the resiliency concepts such as stability, recovery, and defensive coding
- identify OWASP Top 10 vulnerabilities including broken access control, security misconfiguration, sensitive data exposure, and insufficient attack protection
- identify OWASP Top 10 vulnerabilities including cross-site request forgery, using components with known vulnerabilities, and underprotected APIs
- identify security concepts, including the CIA triangle, least privileges, and separation of duties
- identify symmetric algorithms including AES, Blowfish, and Serpent
- identify the resiliency concepts such as stability, recovery, and defensive coding
- implement C# secure coding to combat common code vulnerabilities
- implement JavaScript secure coding to combat Cross-Site Scripting attacks
- implement JavaScript secure coding to combat SQL Injection Vulnerability
- implement Java secure coding to combat SQL Injection Vulnerability
- implement Python secure coding to combat a variety of security vulnerabilities
- recognize OWASP Top 10 vulnerabilities including broken access control, security misconfiguration, sensitive data exposure, and insufficient attack protection
- recognize specific security vulnerabilities and recognize how to program counter techniques
- use CVSS scoring for vulnerabilities
- use OWASP Zap vulnerability scanner to test web sites for common vulnerabilities
- use Vega Vulnerability Scanner to test web sites for common vulnerabilities
- write resilient C# code
- write resilient Java code
- write resilient Java code - part 2
- write resilient JavaScript code
- write resilient Python code

PROGRAMMER TO SECURE AGILE PROGRAMMER



Track 3: Defensive Programmer (duration: 4h 55m 27s)

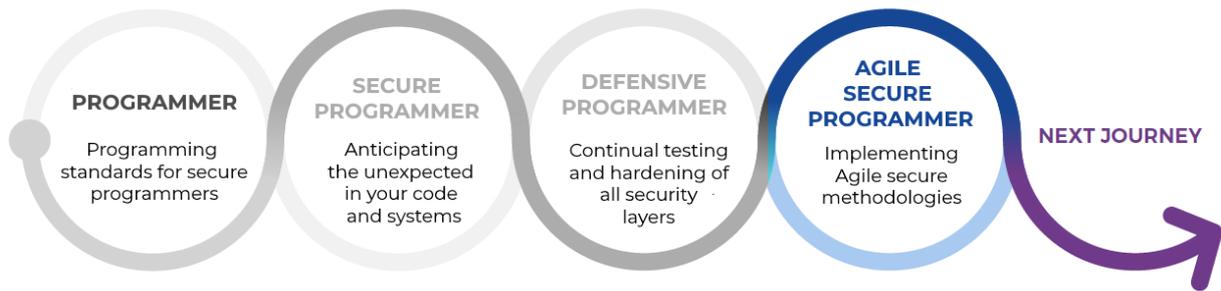
 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Defensive Programmer: Defensive Concepts</p>	 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Defensive Programmer: Defensive Techniques</p>
<p>Objectives:</p> <ul style="list-style-type: none"> ▪ identify general defensive concepts ▪ describe the first five CERT Top 10 secure coding practices - Validate input, Heed compiler warnings, Architect and design for security, Keep it simple, and the Default deny ▪ describe the last five CERT Top 10 secure coding practices - Adhere to the principle of least privilege, Sanitize data sent to other systems, Practice defense in depth, Use effective quality assurance techniques, and Adopt a secure coding standard ▪ apply defensive coding ▪ use Open Source Security Testing Methodology Manual concepts ▪ apply the Flaw Hypothesis Method ▪ describe the role of Six Sigma in producing better quality, secure programming 		<p>Objectives:</p> <ul style="list-style-type: none"> ▪ apply exception handling effectively ▪ describe validation techniques and procedures ▪ describe reliability, resiliency, and recoverability and how it can be achieved in software engineering ▪ describe CDI/UDI, why it is important and how it should be done ▪ apply parameter checking ▪ use Java exception handling ▪ use Python exception handling ▪ use C# exception handling ▪ use JavaScript exception handling ▪ use Java validation ▪ use Python validation ▪ use C# validation ▪ use JavaScript validation ▪ describe component trust including when and how to achieve trust of components ▪ describe how to reuse code effectively and defensively 	
 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Defensive Programmer: Cryptography</p>	 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Defensive Programmer: Advanced Concepts</p>
<p>Objectives:</p> <ul style="list-style-type: none"> ▪ describe basic cryptography concepts, cryptography types, and applications ▪ describe basic cryptography applications to confidentiality and integrity ▪ use Java Cryptography ▪ use Python Cryptography ▪ use C# Cryptography ▪ use JavaScript Cryptography 		<p>Objectives:</p> <ul style="list-style-type: none"> ▪ describe session management techniques and secure session management ▪ define risk management and be able to apply risk management to software projects ▪ describe assertive programming and be able to implement assertions ▪ describe intelligible exceptions and be able to implement meaningful and actionable exception handling 	

	Defensive Programmer: Code Samples		Defensive Programmer: Secure Testing
Objectives: <ul style="list-style-type: none"> ▪ implement Java filtering ▪ implement Python filtering ▪ implement C# filtering ▪ implement JavaScript filtering ▪ implement Java resilient code ▪ implement Python resilient code ▪ implement C# resilient code ▪ implement JavaScript resilient code ▪ implement Java recoverable code ▪ implement Python recoverable code ▪ implement C# recoverable code ▪ implement JavaScript recoverable code ▪ implement Java parameter checking ▪ implement Python parameter checking ▪ implement C# parameter checking ▪ implement JavaScript parameter checking ▪ implement validation in Java ▪ implement validation in Python ▪ implement validation in C# ▪ implement validation in JavaScript 		Objectives: <ul style="list-style-type: none"> ▪ describe secure testing concepts including unit, integration, and regression testing ▪ apply secure unit testing including how it is done and who should do it ▪ apply effective and secure regression testing ▪ apply secure integration testing including when and who conducts integration testing ▪ use effective security metrics ▪ effectively track security bugs 	

	Final Exam: Defensive Programmer
Objectives: <ul style="list-style-type: none"> ▪ apply defensive coding ▪ apply effective and secure regression testing ▪ apply exception handling effectively ▪ apply parameter checking ▪ apply secure integration testing including when and who conducts integration testing ▪ apply secure unit testing including how it is done and who should do it ▪ apply the Flaw Hypothesis Method ▪ define risk management and be able to apply risk management to software projects ▪ describe assertive programming and be able to implement assertions ▪ describe basic cryptography applications to confidentiality and integrity ▪ describe basic cryptography concepts, cryptography types, and applications ▪ describe CDI/UDI, why it is important and how it should be done ▪ describe component trust including when and how to achieve the trust of components ▪ describe how to reuse code effectively and defensively ▪ describe intelligible exceptions and be able to implement meaningful and actionable exception handling ▪ describe reliability, resiliency, and recoverability and how it can be achieved in software engineering ▪ describe secure testing concepts including unit, integration, and regression testing ▪ describe session management techniques and secure session management ▪ describe the first five CERT Top 10 secure coding practices - Validate input, Heed compiler warnings, Architect and design for security, Keep it simple, and the Default deny 	

- describe the last five CERT Top 10 secure coding practices - Adhere to the principle of least privilege, Sanitize data sent to other systems, Practice defense-in-depth, Use effective quality assurance techniques, and Adopt a secure coding standard
- describe the role of Six Sigma in producing better quality, secure programming
- describe validation techniques and procedures
- effectively track security bugs
- identify general defensive concepts
- identify intelligible exceptions
- implement C# filtering
- implement C# parameter checking
- implement C# recoverable code
- implement C# resilient code
- implement Java filtering
- implement Java parameter checking
- implement Java recoverable code
- implement Java resilient code
- implement JavaScript filtering
- implement JavaScript parameter checking
- implement JavaScript recoverable code
- implement JavaScript resilient code
- implement Python filtering
- implement Python parameter checking
- implement Python recoverable code
- implement Python resilient code
- implement secure integration testing including when and who conducts integration testing
- implement validation in C#
- implement validation in Java
- implement validation in JavaScript
- implement validation in Python
- use C# Cryptography
- use C# exception handling
- use C# validation
- use effective security metrics
- use Java Cryptography
- use Java exception handling
- use JavaScript Cryptography
- use JavaScript exception handling
- use JavaScript validation
- use Java validation
- use Open Source Security Testing Methodology Manual concepts
- use Python Cryptography
- use Python exception handling
- use Python validation

PROGRAMMER TO SECURE AGILE PROGRAMMER



Track 4: Agile Secure Programmer Engineer (duration: 2h 15m 9s)

 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Secure Agile Programming: Agile Concepts</p>	 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Secure Agile Programming: Agile Techniques</p>
<p>Objectives:</p> <ul style="list-style-type: none"> describe iterative software development differentiate between Agile and Waterfall describe Agile and security concepts create a secure Agile culture describe Scrum describe Lean software describe extreme programming describe rapid application development describe best practices for secure Agile development facilitate a secure organizational culture describe secure methods for Scrum 		<p>Objectives:</p> <ul style="list-style-type: none"> gather Agile requirements define Agile techniques including iterative delivery and the use of user stories define Agile techniques including the daily standup meeting, pair programming, Scrum events, and planning poker describe Agile processes such as the Agile Unified Process and the use of sprints create a secure Agile software development lifecycle implement Disciplined Agile Delivery apply best practices for secure software development 	
 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Secure Agile Programming: Agile Modeling</p>	 <p>Chuck Easttom Author, Consultant, and Computer Expert</p>	<p>Secure Agile Programming: Testing</p>
<p>Objectives:</p> <ul style="list-style-type: none"> describe Agile modeling apply story-driven modeling use secure user stories use Specification by Example build secure user stories 		<p>Objectives:</p> <ul style="list-style-type: none"> describe Agile testing apply continual security testing integrate testing standards into Agile apply verification and validation for Agile programming integrate metrics into Agile programming configure bug tracking in an Agile environment conduct static code analysis implement continuous integration techniques 	



Final Exam: Secure Agile Programmer

Objectives:

- apply best practices for secure software development
- apply bug tracking in an Agile environment
- apply continual security testing
- apply story-driven modeling
- apply verification and validation for Agile programming
- build secure user stories
- collect Agile requirements
- compare between Agile and Waterfall
- conduct static code analysis
- configure bug tracking in an Agile environment
- create a secure Agile culture
- create a secure Agile software development lifecycle
- create secure user stories
- create secure user story
- define Agile techniques including iterative delivery and the use of user stories
- define Agile techniques including the daily standup meeting, pair programming, Scrum events, and planning poker
- define Agile techniques including the use of user stories
- describe Agile and security concepts
- describe Agile modeling
- describe Agile modeling
- describe Agile processes such as the Agile Unified Process and the use of sprints
- describe Agile testing
- describe best practices for secure Agile development
- describe extreme programming
- describe iterative software development
- describe Lean software
- describe rapid application development
- describe Scrum
- describe secure methods for Scrum
- differentiate between Agile and Waterfall
- facilitate a secure organizational culture
- gather Agile requirements
- identify Agile methods
- identify Agile modeling
- identify Agile processes such as the Agile Unified Process and the use of sprints
- identify Agile techniques including the daily standup meeting, pair programming, Scrum events, and planning poker
- identify rapid application development
- identify Scrum roles
- identify secure methods for Scrum
- implement Agile testing
- implement a secure Agile software development lifecycle
- implement best practices for secure software development
- implement continual security testing
- implement continuous integration techniques
- implement Disciplined Agile Delivery
- implement metrics into Agile programming
- implement Specification by Example
- implement story-driven modeling
- implement testing standards into Agile
- implement verification and validation for Agile programming
- integrate metrics into Agile programming
- integrate testing standards into Agile
- perform static code analysis
- promote a secure Agile culture
- promote a secure organizational culture
- recall Agile and security concepts
- recognize iterative software development
- recognize Lean software
- use secure user stories
- use Specification by Example

Business and Leadership for Secure Agile Programmers



Developing a growth mindset

COURSE

Developing a Growth Mindset

👍 711



COURSE

Getting to the Root of a Problem

👍 408



COURSE

The Essential Role of the Agile Product Owner

👍 130



COURSE

Being an Effective Team Member

👍 536



COURSE

Improving Your Technical Writing Skills

👍 236



COURSE

Personal Skills for Effective Business Analysis

👍 251



Define information hierarchy

COURSE

Agile Project Planning

👍 378



COURSE

Encouraging Team Communication and...

👍 473



Adaptation has to be ongoing

COURSE

Developing and Supporting an Agile Mind-set

👍 375



COURSE

Navigating through Changes and Conflicts in Projects

👍 119



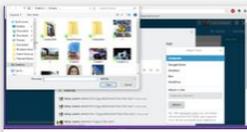
COURSE

Effective Team Communication

👍 406

Productivity Tools for Secure Agile Programmers

 <p>COURSE Signing in & Setting up a Team</p> <p>10</p>	 <p>COURSE Using the Conversation Tools</p> <p>8</p>	 <p>COURSE Creating & Managing Projects</p> <p>8</p>	 <p>COURSE Finding & Sharing Items</p> <p>5</p>	 <p>COURSE Running Reports & Configuring Projects</p> <p>5</p>
 <p>COURSE Using Basecamp for iOS</p> <p>6</p>	 <p>COURSE Signing in & Navigating within Spaces</p> <p>16</p>	 <p>COURSE Setting Up & Managing Spaces</p> <p>13</p>	 <p>COURSE Working with Spaces</p> <p>7</p>	 <p>COURSE Working with Team Members</p> <p>37</p>
 <p>COURSE Configuring Spaces</p> <p>7</p>	 <p>COURSE Sign-in & Setup</p> <p>3</p>	 <p>COURSE Communication Tools</p> <p>6</p>	 <p>COURSE Working with Groups</p> <p>3</p>	 <p>COURSE Creating, Finding, & Sharing Information</p> <p>4</p>
 <p>COURSE Configuring Convo</p> <p>2</p>	 <p>COURSE The Convo iOS App</p> <p>3</p>	 <p>COURSE Signing in & Setting Up</p> <p>30</p>	 <p>COURSE Using Channels</p> <p>18</p>	 <p>COURSE Private Messaging & Communication Tools</p> <p>21</p>
 <p>COURSE Creating, Finding & Sharing Information</p> <p>7</p>	 <p>COURSE Configuring Slack</p> <p>25</p>	 <p>COURSE Using the iOS App</p> <p>4</p>	 <p>COURSE Sign-in & Setup</p> <p>16</p>	 <p>COURSE Creating Teams & Boards</p> <p>15</p>



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Managing Cards

5



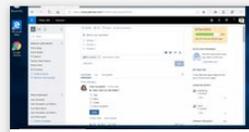
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Finding & Sharing
Information

9



COURSE
Setting Up

33



COURSE
Posting & Reacting to Status
Updates

25



COURSE
Using Groups

6



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Collaborating &
Communicating

42



COURSE
Configuring Networks

16



COURSE
JIRA Cloud: Creating &
Setting Up Projects

47



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JIRA Cloud: Configuring &
Managing Boards

27



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Working on a Software...

22



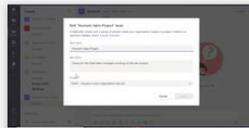
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Software

22



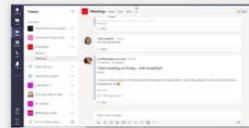
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know the application

691



COURSE
Microsoft Teams: Using
Teams & Channels

561



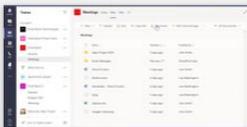
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Communicating via the App

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Illustrating & Reacting to...

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Finding & Organizing Files

401



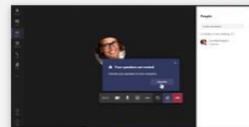
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with Apps, Tabs & Wiki

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361

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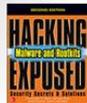
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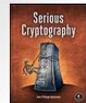
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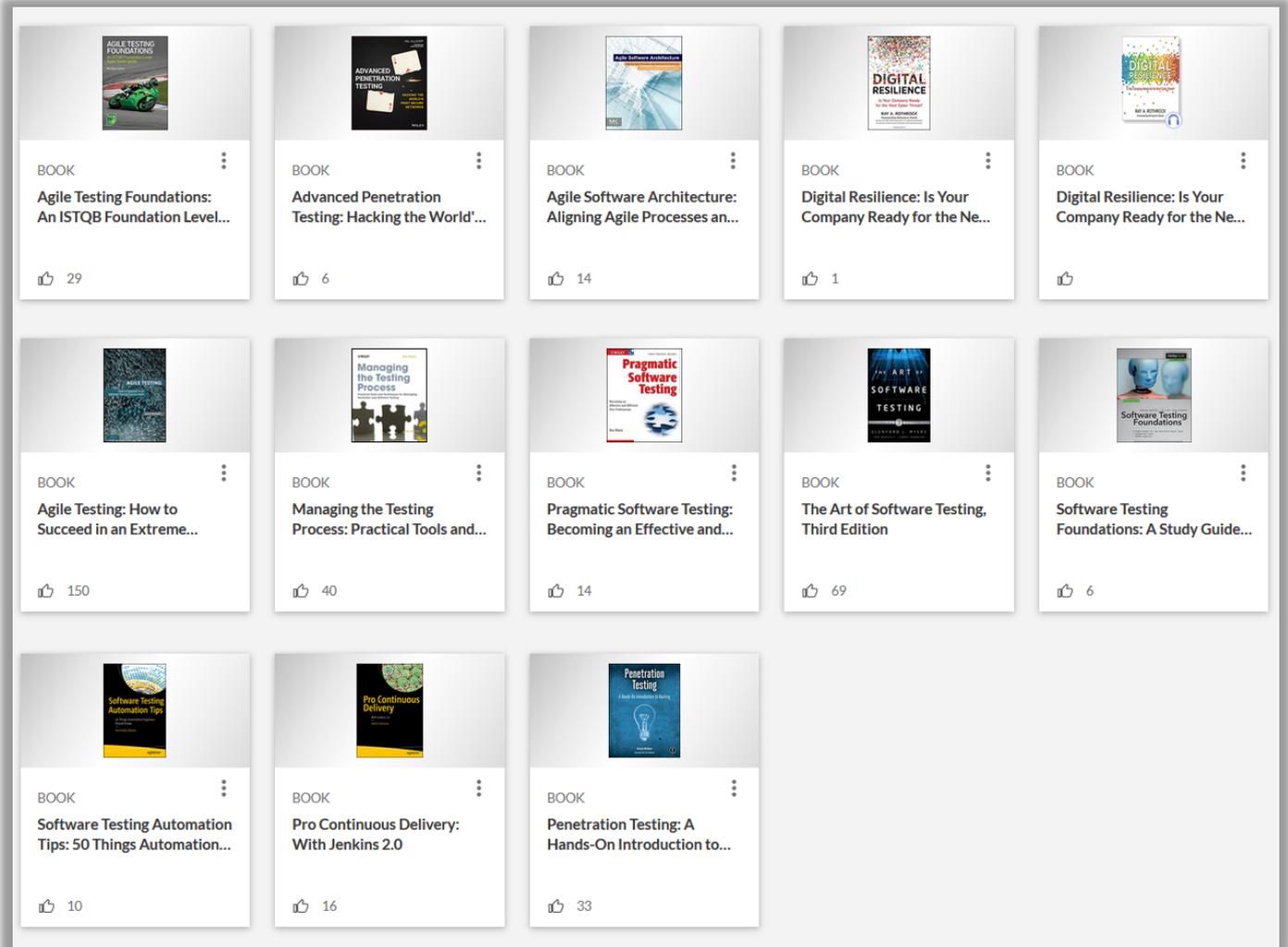
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