

eLEARNING FOR SECURE APPLICATION DEVELOPMENT

Role Mapping & Compliance Guide

Course Name	PCI DSS	OWASP TOP TEN	Technical Leaders	Business Leaders	Web & Mobile Developers	Security Architects & Specialists	Testers	Software Architects
APPLICATION SECURITY FUNDAMENTALS								
100		OWASP Top Ten	x	x	x	x	x	x
102			x	x	x	x	x	x
103			x	x		x		x
IMPLEMENTING APPLICATION SECURITY PROGRAMS								
421			x	x		x		x
450			x	x		x		x
460			x	x		x		x
SECURE TESTING & VERIFICATION								
101			x	x	x	x	x	x
411						x	x	
412						x	x	
420			x		x	x		x
SECURE APPLICATION DEVELOPMENT								
Introduction to Secure Coding								
281					x	x		
282					x	x		
283					x	x		
284					x	x		
Input Validation								
110	PCI 6.5.1	A1			x	x		
180	PCI 6.5.2				x	x		
211	PCI 6.5.1	A1/A3			x	x		x
212	PCI 6.5.1	A1			x	x		x
213	PCI 6.5.7	A3			x	x		
214		A1			x	x		
215	PCI 6.5.1	A4			x	x		
216	PCI 6.5.1	A1			x	x		
331		A3			x	x		x
Access Control/Authorization								
120	PCI 6.5.8	A7			x	x		
221	PCI 6.5.8	A7/A4			x	x		x
222	PCI 6.5.8	A7			x	x		
223	PCI 6.5.8	A7			x	x		
224	PCI 6.5.8	A7			x	x		
225	PCI 6.5.8	A7/A4			x	x		
226		A10			x	x		
227		A7			x	x		
Authentication								
130	PCI 6.5.10	A2			x	x		
231	PCI 6.5.10	A2			x	x		x
232		A2			x	x		

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SECURE APPLICATION DEVELOPMENT								
Authentication								
233 Secure Session Management	PCI 6.5.10	A2			x	x		
234 Protecting Credentials		A2			x	x		
235 Managing Identity		A2			x	x		
236 Preventing Forged Requests (CSRF)	PCI 6.5.9	A2			x	x		
Error Handling & Logging								
140 Error Handling and Logging	PCI 6.5.5	A5			x	x		
241 Handling Security Errors and Intrusion Detection	PCI 6.5.5	A5			x	x		
242 Effective Security Logging	PCI 6.5.5	A5			x	x		
Sensitive Data Protection								
150 Protecting Sensitive Data	PCI 6.5.3	A6			x	x		
251 Introduction to Cryptography	PCI 6.5.3	A6	x		x	x	x	x
252 Using Cryptography Securely		A6			x	x		
253 X.509 Certificates		A6			x	x		
Secure Communications								
160 Securing Communications	PCI 6.5.4	A5			x	x		
261 Using TLS	PCI 6.5.4	A5			x	x		
262 Secure Cookie Use		A5			x	x		
263 Using Services Securely	PCI 6.5.4	A5			x	x		
264 Using TLS in Java and .NET		A5			x	x		
Security Operations								
170 Hardening Application Platforms and Frameworks		A5			x	x		
271 Hardening Web Servers		A5/A9				x		
272 Hardening Application Servers		A5/A9				x		
273 Using Software Libraries and Components Securely		A9			x	x		
Web Services								
291 Introduction to Web Services Security			x		x	x	x	x
292 Web Services Authentication and Authorization	PCI 6.5.8	A2/A4/A7			x	x	x	x
Secure Mobile Application Development								
311 Understanding Mobile Application Threats		Mobile Top Ten	x	x	x	x	x	x
312 Mobile Application Security - Top 5 Risks		Mobile Top Ten	x	x	x	x	x	x
313 Mobile Application Security for iOS		Mobile Top Ten			x	x	x	x
314 Mobile Application Security - Android		Mobile Top Ten			x	x	x	x
Cloud Security								
500 Introduction to Cloud Security			x	x	x	x	x	x
501 Security Challenges in the Cloud			x	x	x	x	x	x
502 Federation and Single Sign-On in the Cloud			x		x	x		x
503 Data Protection and Access Control in the Cloud			x		x	x		x
504 Encryption and Tokenization in the Cloud			x		x	x		x
505 Securing Software Development in the Cloud			x		x	x		
506 Legal, Regulatory and Common Pitfalls in the Cloud			x		x	x		