Round 1 CCI Reconciled Topics (11-2-14)

Index	Category	Topic
	fundamental concepts	
1		confidentiality
2		authentication
3		integrity
4		assured operations
	adversarial thinking	
5		adversarial modelling
6		vulnerability assessment
7		threat analysis
8		risk management
	attack & defense	
9		common attacks including social engineering, replay, man-in-the-middle, password cracking, traffic analysis
10		countermeasures including physical security, defense in depth, data security
11		forensics
	cryptography	
12		symmetric and asymmetric encryption
13		key management, public-key infrastructure
	computer & network security	
14		authorization and access control
15		principle of least priviledge
16		basic network security protocols
17		intrusion detection, firewalls, penetration testing
18		web security
	software	
19		malware (types, threats, analysis of, how to defend against)
20		software vulnerabiliies including buffer overflow
21		secure coding practices
	system design & operations	
22		response & recovery
23		operational security
24		security policies
25		auditing
26		usable security
	big picture & professional skills	
27		ethics, legal issues
28		economic issues of security
29		privacy