

Cyber Security Level 1 Syllabus

Session/Link	Topic	Programs	Page
Session 1	Introduction to Cyber Security	Rules for the Class Ice Breaker TA Introductions Fundamentals of confidentiality, Integrity and Availability	2
Session 2	Authentication and authorization	Ice Breaker Authentication and authorization methods	6
Session 3	Cyber Breaches, Asset and Patch management	Ice Breaker Look up cyber breaches in the last 12 or so months and summarize the type of attack	8
Session 4	Cyber Defense: Policy and passwords	Ice Breaker Smartphone passwords: Creating a simple policy (using a template) to secure your mobile device	10
Session 5	Cyber-attacks, viruses, spyware	Computer Virus category grid	12
Session 6	Smartphone and IoT (internet of things) security	Securing IoT devices	14
Session 7	Web browser security and cookies	Cookies and web browser privacy options	16
Session 8	Communication Skills	Create and deliver a 10-minute presentation on your chosen cyber-attack from session 3	18
Session 9	Cyber Incident Response	Creating an incident response plan for your devices	20
Session 10	Cyber User Awareness Training	Securing smartphone Apps and understanding permissions	22