

## Cyber Security Level 1 Syllabus

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