

Cyber Security (6 months Certificate Course)

Sl. No.	Content	No. of Classes	No. of Hours/Class	Total Hours
1	Introduction	3	1	3
2	OS Fundamentals Windows	3	1	3
3	OS Fundamentals Windows	3	1	3
4	Basic Commands and Utilities	3	1	3
5	Windows Encryption File System	3	1	3
6	Windows Security Tools	3	1	3
7	Guideline for securing Windows	3	1	3
8	Guideline for Securing Mac OS	3	1	3
9	Operating System Securing Checklist	3	1	3
10	Partitions and File Systems	3	1	3
11	Partitions and File Systems	3	1	3
12	Password Management	3	1	3
13	Networking Fundamentals and basic Commands	3	1	3
14	Networking Fundamentals and basic Commands	3	1	3
15	How to Configure Home Router	3	1	3
16	Hosts File and DNS	3	1	3
17	Securing Wireless Network	3	1	3
18	Sharing Data	3	1	3
19	Network Adaptors	3	1	3
20	Network Security Checklist	3	1	3
21	Foundations of Security	3	1	3
22	Why Security	3	1	3
23	What makes a computer or a user Vulnerable	3	1	3
24	What to Secure	3	1	3
25	Benefit of Security and Awareness	3	1	3
26	Securing Network Connections	3	1	3
27	Virus, Worms and Trojans	3	1	3
28	Antivirus Management: Protecting Systems using Antiviruses	3	1	3
29	Choose which is the best Antivirus	3	1	3
30	Steps to install Antivirus	3	1	3
31	Antivirus Checklist	3	1	3
32	Internet Security Intro	3	1	3
33	Browsers and Settings	3	1	3
34	Emails Security	3	1	3

35	Spam or unwanted Emails	3	1	3
36	Securing Email Communications	3	1	3
37	Emails Security tools	3	1	3
38	Security checklist for Checking Emails on Mobile	3	1	3
39	Cyber Crime	3	1	3
40	Action to take when a Teenager becomes a Cyber Victim	3	1	3
41	Internet Security Checklist	3	1	3
42	Securing Online Transactions	3	1	3
43	Identifying a trustworthy site, Online Transaction Security checklist	3	1	3
44	Security on Social Networking Sites	3	1	3
45	Social Networking threats to Minors	3	1	3
46	Social Engineering and Identity Theft	3	1	3
47	How to browse anonymously	3	1	3
48	Data backup, What to backup	3	1	3
49	Why backup is Important	3	1	3
50	Backup types	3	1	3
51	Online Data backup	3	1	3
52	Backup Data using windows In built backup Utility	3	1	3
53	Data backup Tools	3	1	3
54	Cloud Storage	3	1	3
55	One Drive and Google Drive	3	1	3
56	Data recovery Tools	3	1	3
57	NAS and different types of Backup Devices	3	1	3
58	Backup checklist	3	1	3
59	Data Encryption	3	1	3
60	Mobile Security	3	1	3
61	Securing Iphone and Ipad	3	1	3
62	Securing Android	3	1	3
63	Mobile Security Tools	3	1	3
64	Mobile Phone Security checklist	3	1	3
Assignment every 3months(14x2) Hours				28
Final Assessment 20 Hours				20
Total				240