



**Effat College of Engineering
Computer Science Department**

**Associate Diploma in Networking
Study Plan**

DECEMBER 2023

STUDY PLAN

Associate Diploma in Networking

Semester 1: Levels 1-2														
Level 1 (8 weeks)							Level 2 (8 weeks)							
Course Code	Course Name	LEC	PRAC	CR	Total CONTACT HRS	Prerequisites	Course Code	Course Name	LEC	PRAC	CR	Total CONTACT HRS	Total TUT/Week	Prerequisites
NETW 1021	IT Essentials: PC Hardware and Software	2	1	3	48	None	NETW 1091	Introduction to Networks	2	2	3	64	16	None
NETW 1131	Programming Essentials in Python	2	2	3	64	None	NETW 1061	Cybersecurity Essentials	2	1	3	48	32	None
Total Credit Hours		4	3	6	112		Total Credit Hours		4	3	6	112	48	

Semester 2: Levels 3-4														
Level 3 (8 weeks)							Level 4 (8 weeks)							
Course Code	Course Name	LEC	PRAC	CR	Total CONTACT HRS	Prerequisites	Course Code	Course Name	LEC	PRAC	CR	Total CONTACT HRS	Total TUT/Week	Prerequisites
NETW 2091	Switching, Routing, Wireless Essentials	2	1	3	48	NETW 1091	NETW 2092	Enterprise Networking, Security, and Automation	2	1	3	48	32	NETW 1091 and NETW 1061
NETW 2101	Linux Essentials	2	1	3	48	NETW 1091	NETW 2061	CCNA Security	2	1	3	48	32	NETW 1091 & NETW 1061
Total Credit Hours		4	2	6	96		Total Credit Hours		4	2	6	96	64	

Total credit hours required for Associate Diploma in Networking:	24
Total Contact hours for Associate Diploma in Networking:	416