



**Effat College of Engineering
Computer Science Department**

**Associate Diploma in Cyber Security
Study Plan**

DECEMBER 2023

STUDY PLAN

Associate Diploma in Cyber Security

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	Prerequisites
CSEC 101	Network Fundamentals	2	2	3	64	None	ENGL 101	English Language	1	0	1	16	None
CSEC 161	Cyber Security Concepts	2	4	4	96	None	CSEC 291	Network Security	2	4	4	96	CSEC 101
						None	CSEC 263	Ethical Hacking	1	4	3	80	CSEC 161
Total Credit Hours		4	6	7	160		Total Credit Hours		4	8	8	192	
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	Prerequisites
CSEC 131	Programming Essentials	2	4	4	96	NA	CSEC 492	Operating Systems' Security	2	4	4	96	CSEC 101
CSEC 365	Digital Forensics	2	2	3	64	CSEC 161	CSEC 402	Graduation Project	2	6	5	128	CSEC 161 & CSEC 101
Total Credit Hours		4	6	7	160		Total Credit Hours		4	10	9	224	
Total credit hours required for Associate Diploma in Cyber Security:												31	
Total Contact hours for Associate Diploma in Cyber Security:												736	