

Degree and Study Plan

College	Engineering
Department	Electrical Engineering and Computer Science
Program	Cyber Security
Degree Level	Diploma
Total Credit Hours	66
Cohort	2018 and after

Summary of Credits	
University Requirements (UR)	12
College Requirements (CR)	15
Program Requirements (PR)	39
Total	66

For more information contact: Dr. Adnan Kabbani, HoD.

HoD:



Dean:



Date: 30/09/2024

Year One	Semester 1 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	ENGL101	English Communication Skills 1	3		UR
	ISLM101	Islamic Civilization	3		UR
	MATH101	Calculus I	3		CR
	INTE101	Information Technology Fundamentals	3		PR
	INTE105	Introduction to Computer Programming	3		PR
	Total Credits		15		
	Semester 2 (Spring)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CYSE 120	Fundamentals of Cybersecurity	3		PR
	MATH102	Calculus 2	3	MATH101	CR
	MATH140	Discrete Math	3	INTE105	CR
	ENGL102	English Communication Skills 2	3	ENGL101	UR
	INTE130	Object Oriented Programming	3	INTE105	PR
	Total Credits		15		

Year Two	Semester 3 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CYSE201	Data Structures and Algorithms	3	INTE105	PR
	MATH215	Linear Algebra	3	MATH101	CR
	CYSE202	Forensic Fundamentals & Investigations	3	CYSE120	PR
	CYSE203	Database Systems Development	3	INTE130	PR
	CYSE204	Cyber Ethics	3	CYSE120	PR
	Total Credits		15		
	Semester 4 (Spring)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	CYSE210	Computer Architecture and Operating Systems	3	CYSE201	PR
	MATH204	Probability and Statistics	3	MATH102	CR
	INTE110	Web Application Development	3	INTE105	PR
	CYSE220	Cyber Forensics	3	CYSE120	PR
	CYSE230	Computational Thinking	3		PR
	Total Credits		15		

Year Three	Semester 5 (Fall)				
	Course Code	Course Title	Credits	Pre-Request/ Co-Request*	Category
	MNGT313	Entrepreneurship	3		UR
	INTE207	Computer Networks I	3		PR
	Total Credits		6		