

Computer Software Development Certificate

Engineering & Information Technologies

2025-2026 Curriculum

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
IT-101	Programming 1		2	3	3
IT-111	Database Design & SQL 1		2	3	3
					6

Semester 2					
CPDM 120	Fund. of Object-Oriented Programming Using Python	IT 101, IT 111	2	3	3
IT-102	Programming 2	IT 101, IT 111	2	3	3
					6

Semester 3					
XXX-XXX	Technical Elective 1		2	3	3
XXX-XXX	Technical Elective 2		2	3	3
					6
Total					18

Technical Electives (Select 2 courses):

IT 117, IT 161, SET 151