

Computer Science

CERTIFICATE of Achievement (CA)

Requirements for Students for Academic Year 2023-2024

GENERAL EDUCATION REQUIREMENTS 3 HOURS (Check Catalog listings for prerequisites)		
Area	Hours	To be selected from:
Fundamentals of Computer Usage	3	COMS 1133
PROGRAM REQUIREMENTS 13 HOURS (Check catalog course listings for prerequisites)		
College Orientation	1	EDUC 1111
Core Courses (12 hours)		
Intro to Computer Programming	3	COMS 1203*
Introduction to Java	3	COMS 2133*
Introduction to Unix	3	COMS 1483*
C Language	3	COMS 2473*
C++ Language	3	COMS 2843*
Visual Basic	3	COMS 2283*
HTML and CSS	3	COMS 1013*
A+ I	3	COMS 2023*
A+ II	3	COMS 2143*
PHP Programming	3	COMS 2463*
Database & Design SQL	3	COMS 2643*
Mobile Dev – Android	3	COMS 2793*
Mobile Dev – iOS	3	COMS 1793*
Python	3	COMS 2743*
Network Fundamentals	3	COMS 1263*
C#	3	COMS 2613*
Data Structures	3	COMS 2683*
JavaScript	3	COMS 2033*
Windows Operating Systems	3	COMS 2163*
Advanced UNIX (Linux)	3	COMS 2783*
Total Hours: 16		