

COMPUTER SCIENCE FUNDAMENTALS, CERTIFICATE

The Certificate in Computer Science Fundamentals will provide students with an opportunity to specialize in a specific area of interest and add additional technical skill sets to their professional portfolio, which in turn will lead to a wider range of career opportunities in the job market. In addition, the Certificate in CS Fundamentals will help students gauge whether they would be a good fit for the Online Master of Computer and Information Technology degree. If so, they can potentially transfer all four of the courses into the degree.

Curriculum

Code	Title	Course Units
Computer Science Fundamentals Requirements		
CIT 5910	Introduction to Software Development	1
Select 3 courses from the following:		3
CIT 5920	Mathematical Foundations of Computer Science	
CIT 5930	Introduction to Computer Systems	
CIT 5940	Data Structures and Software Design	
CIT 5950	Computer Systems Programming	
CIT 5960	Algorithms and Computation	
Total Course Units		4

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2023 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.
