Computing Fundamentals Certificate

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15 credits

Code	Title	Hours
Required Courses:		
MATH 1050	College Algebra / Pre-Calculus (MA) (or higher)	3-4
or CS 1030	Problem Solving with Computers	
CS 1400	Fundamentals of Programming	3
IT 1100	Introduction to Unix/Linux	3
SE 1400	Web Design Fundamentals (ALCS)	3
Choose one (1) of the following:		
CS 1410	Object Oriented Programming	3
IT 1200	A+ Computer Hardware/Windows OS	3
IT 2400	Intro to Networking	3

Completion Requirements:

1. Cumulative GPA 2.0 or higher.
2. Grade C or higher in each course.

Computing Fundamentals Certificate Program Learning Outcomes

At the successful conclusion of this program, students will be able to:

1. Design and create technological solutions that address contemporary real-world problems.
2. Evaluate current techniques, skills, and tools necessary for professional practice.
3. Weigh and apply ethical, legal, and social responsibilities in all aspects of practice.
4. Construct effective solutions in teams to accomplish a common goal.
5. Author effective visual, oral, and written communication for a range of audiences.