

COMPUTING FUNDAMENTALS CERTIFICATE

EARN A COMPUTING FUNDAMENTALS CERTIFICATE TO JUMP START YOUR CAREER

- Explore a broad range of computing courses
- Active learning with hands on computer hardware
- Create a variety of graphic media using Adobe Illustrator, Photoshop, and InDesign
- Write your own adventure game in Python and deepen your programming skills
- Navigate an operating system through terminal and create Linux virtual machines
- Build responsive websites using HTML and CSS code

These courses lead to a variety of educational and career pathways- Computer Science, Software Engineering, Information Technology, or Design.

CATAPULT YOUR EDUCATION!

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COMPUTING FUNDAMENTALS CERTIFICATE REQUIREMENTS

Required:

CS 1400 | Fundamentals of Programming _____

DES 1100 | Intro to Digital Design _____

IT 1100 | Intro to Unix/Linux _____

SE 1400 | Web Design I Fundamentals (ALCS) _____

Choose One:

CS 1410 | Object Oriented Programming _____

DES 1300 | Design I _____

IT 1200 | A+ Computer Hardware/Windows OS _____

IT 2400 | Intro to Networking _____

COMPUTING FUNDAMENTALS CERTIFICATE MAP | DSU CAMPUS

Day/Time	Fall 11 th Grade	Spring 11 th Grade
MW 1:30–2:45 TR 1:30–2:45	CS 1030 DES 1100	IT 1100 SE 1400
Day/Time	Fall 12 th Grade	Spring 12 th Grade
MW 1:30–2:45 TR 1:30–2:45	CS 1400* IT 1200*	CS 1410** or DES 1300* IT 2400**

*Indicates course fulfills the one emphasis elective course requirement

**Course has prerequisites

- CS 1400 requires either CS 1030, MATH 1010, MATH 1050+, or ACT Math score of 23
- CS 1410 requires CS 1400
- IT 2400 requires IT 1100

CS 1410 is optional but recommended for those going into Software Engineering, Computer Science, or Information Technology

The Computing Fundamentals map is only one path toward completion. Coursework can be done in a different order, on different days or times, through face-to-face, virtual or online classes; and for some concurrent enrollment students, on their high school campus.

CONTACT US:

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