

# WHERE TO START

*for students interested in computer science*

Are you familiar with computer usage, the internet, and how computers solve problems, represent data, and search for information?

**No.** *I'd like to start with the basics.*

**Take CSS 101 / BIS 111:**  
Digital Thinking

*Tool / language used: Processing*

**Yes**

**No.** *I'd rather start my programming experience with storytelling in virtual worlds, creation of characters, games, short stories, and 3D motion.*

**Take CSS 107:** Intro to Programming through Animated Storytelling

*Tool / language used: Scratch*

Do you want to dive right into programming fundamentals, data type representation, operations, algorithmic thinking, and software engineering concepts?

**Yes.** *Physics or Mechanical Engineering*

**Take CSS 112:** Intro to Programming for Scientific Applications

*Tool / language used: Python*

**Yes**

Do you need an intro programming class for a specific major?

**Yes.** *Electrical Engineering*

**Take CSS 132 + CSSSKL 132:** Computer Programming for Engineers I + Lab

*Tool / language used: C++*

Are you interested in cybersecurity, hacking, networking, privacy, legal aspects, social impact, digital forensics, wireless security, and ethics?

**No.** *I want a general introduction to programming.*  
**Or yes.** *Applied Computing, Computer Engineering, or CSSE (Computer Science & Software Engineering)*

**Take CSS 142 + CSSSKL 142:** Computer Programming I + Lab

*Tool / language used: Java*

**Yes**

**Take CSS 110:** Intro to Cybersecurity (take on its own or in addition to other classes)