Computer Science/Software Engineer

Credentials – AAB Associate of Applied Business

Career and Job Titles

- Software Analysts
- Computer Programmers
- Computer Systems Analysts
- Software Developers
- Software Developers, Quality Assurance Analysts, and Testers

How do I get there?

Click here for our program requirements.

What will I learn?

- Programming Logic
- History of Computing
- Principles of IT&CS
- C Programming
- Python Programming
- Java Programming
- Data Structures
- Fundamentals of Software Engineering
- Discrete Structures Math and Logic
- Computer Architecture & Organization
- SQL Programming & Database Design
- Network+ and Network Essentials
- Trigonometry
- Calculus

What will I do?

Software developers create the computer applications that allow users to do specific tasks and the underlying systems that run the devices or control networks.

Software engineers take a broad view of a project's system and software requirements, planning its scope and order of work. These workers may direct software developers, quality assurance analysts, and testers. Importantly, persons in these fields have problem-solving, interpersonal, communication, and analytical skills and are detail oriented and creative.

Questions? Dr. Becky Grasser 440.525.7282 bgrasser@lakelandcc.edu

Lakeland
COMMUNITY COLLEGE

**INFORMATION TECHNOLOGY
AND COMPUTER SCIENCE**