Computer & Information Technology Systems

Community and Technical College
Community & Technical College (https://www.ctc.uaf.edu/) offers certificate and associate degree programs that prepare students for careers in information technology, computer networking, and systems administration.

Learn more about the Computer & Information Technology (https://www.ctc.uaf.edu/programs/information-technology/) program, including an overview of the program, career opportunities, and more.

Department Overview
The computer and information technology program at the UAF Community & Technical College (https://www.ctc.uaf.edu/) offers certificate and associate degree programs that prepare students for careers in cybersecurity, computer networking, and systems administration.

Minimum Requirements for Information Technology Specialist Certificate: 30 credits; for Associate Degree: 60 credits

A.A.S., Certificate, Information Technology Specialist
The information technology specialist certificate and associate programs teach students how to use, support, implement and troubleshoot the computer and information technology systems found in educational, governmental and corporate settings.

The certificate program focuses on foundation-level support skills required to effectively use and troubleshoot computer and information technology systems. Students completing the certificate program will be prepared for entry-level IT positions and to continue their education in the information technology specialist A.A.S. degree program.

The A.A.S. degree program prepares individuals to implement, support, and troubleshoot computer and information technology systems and obtain employment as an IT professional. Associate degrees in computing technology, network and cybersecurity, and network and system administration are offered.

Students entering either the certificate or A.A.S. degree program should meet with a faculty advisor to discuss program requirements and develop an education plan that matches the current skills and goals of the student.

This degree program is delivered collaboratively within the UA system.

Minimum Requirements for Information Technology Specialist Certificate: 30 credits; for Associate Degree: 60 credits

Occupational Endorsement, Cybersecurity Foundations
The occupational endorsement in cybersecurity foundations provides education and training to develop the knowledge and skills to implement security measures for computer and information systems and qualify for entry-level cybersecurity information technology positions. This program also serves as a stepping stone to the information technology specialist certificate and associate degree and the following industry certifications: CompTIA A+, CompTIA NET+, CompTIA SEC+.

Minimum Requirements for Cybersecurity Foundations Occupational Endorsement: 18 credits

Programs

Degree
• A.A.S., Information Technology Specialist (https://catalog.uaf.edu/associates/information-technology-specialist/)

Occupational Endorsements
• O.E.C., Computer Support Specialist (https://catalog.uaf.edu/endorsements/computer-support-specialist/)
• O.E.C., Cybersecurity Foundations (https://catalog.uaf.edu/endorsements/cybersecurity-foundations/)

Certificate
• Certificate, Information Technology Specialist (https://catalog.uaf.edu/certificates/information-technology-specialist/)

Minor
• Minor, Computer Information Technology Specialist (https://catalog.uaf.edu/minors/computer-information-tech-specialist/)

Occupational Endorsement, Computer Support Specialist
The computer support specialist occupational endorsement provides education and training to develop the knowledge and skills to provide technical assistance to computer users and qualify for entry-level computer technical support positions. This program also serves as a stepping stone to the information technology specialist certificate and associate degree.

Minimum Requirements for Computer Support Specialist Occupational Endorsement: 16 credits