The information technology specialist certificate and associate programs teach students how to use, support, implement, and troubleshoot computer and information technology systems found within a wide range of computing environments. Individual courses of interest and professional development are also available through this program.

The certificate program equips students with the foundation-level IT skills required for entry-level IT support positions and to continue their education at the associate level.

The associate degree program prepares students for a career as an IT professional through completion of one of the following concentrations:

- Computing technology
- Network and system administration
- Network and cybersecurity

The IT Specialist Program also provides students the opportunity to prepare for the following industry certifications:

- CompTIA-A+, Network+, Security+
- Cisco Systems-CCENT, CCNA
- Microsoft - MTA, MCSA

Graduates are prepared to obtain entry-level employment in IT positions such as desktop support technician, help desk specialist, computer support specialist, network support specialist, network and computer systems administrator.
INFORMATION TECHNOLOGY SPECIALIST

COURSES INCLUDE

• Information Technology Support Fundamentals
• Introduction to Network Support and Administration
• Server Operating Systems
• Computer and Network Security
• Introduction to Computer Programming
• Implementing Internet Tools and Technologies
• Graphics and Multimedia for the Web
• System and Network Services Administration
• Network and LAN Infrastructure Basics
• Routers and Routing Concepts
• Intermediate Network and LAN Infrastructure
• Advanced Network Infrastructure Services
• Cybersecurity Defense and Countermeasures
• Network Security Penetration Testing
• Directory Services Administration
• Professional Practices in IT

PROGRAM HIGHLIGHTS

The Information Technology Specialist Program is located in the newly renovated third floor at 604 Barnette building. The program is equipped with state-of-the-art computer labs, classrooms and equipment used by the industry. This degree program is delivered collaboratively within the UA system.

OTHER DETAILS

Students entering either the certificate or AAS degree program should meet with a faculty advisor to discuss program content requirements and develop an education plan that matches the goals and interests of the individual student.

APPLICATION PROCESS

• Review admission requirements with an advisor by calling 907-455-2886 or email uaf-ctc@alaska.edu
• Apply for admission to UAF: www.uaf.edu/admissions/
• Apply for financial aid: www.uaf.edu/finaid/ or call 907-455-2832
• Find classes & register: www.uaf.edu/coursefinder/
• Get your books & class materials organized - UAF Bookstore: www.uaf.bkstr.com
• Start your journey at UAF CTC!

PROGRAM CONTACT

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