Associate of Applied Science in Computer Systems and Network Technology

The Associate of Applied Science (AAS) in Computer Systems and Network Technology (CSNT) prepares students for employment in computer networking and information systems administration. This program encompasses vendor-neutral and theoretical concepts and practices. The program includes Microsoft Windows Server and Desktop operating systems, as well as Cisco routing and switching technologies.

The AAS in Computer Systems and Network Technology offers students the business, communication, teamwork, technical skills, and IT concepts needed to enter the workforce as entry-level technicians or administrators. It also provides a foundation for advanced studies in information technology and related fields.

The AAS in Computer Systems and Network Technology constitutes the first two years of the Bachelor of Science (BS) in Applied Technologies Leadership.

Admission Requirements

- Complete the Admission Requirements for Associate Degrees (http://catalog.uaa.alaska.edu/academicpoliciesprocesses/admissions/undergraduate/).

Graduation Requirements

- Complete the General University Requirements for Associate of Applied Science Degrees (http://catalog.uaa.alaska.edu/undergraduateprograms/aasrequirements/).
- Complete the General (http://catalog.uaa.alaska.edu/undergraduateprograms/aasrequirements/generaleducationrequirements/)Education Requirements for Associate of Applied Science Degrees.
- Complete the following major requirements with a minimum grade of C:

Code	Title	Credits
CNT A160	PC Operating Systems	3
CNT A165	Customer Service Fundamentals	1
CNT A170	CCNA 1	4
CNT A183	Local Area Networks	3
CNT A210	PC Technician Fundamentals	3
or CNT A162	PC Architecture and Building	
CNT A240	Industry PC Configuration Essentials	2
CNT A241	Administering and Supporting Industry Network Infrastructure	3
CNT A242	Industry Network Directory Configuration	3
CNT A243	Industry Application Infrastructure	3
CNT A261	CCNA 2	4
CNT A264	Introduction to Information Security	3
CNT A270	CCNA 3	4
CNT A275	Information Technology Project Management	2
Complete 10 credits from courses approved by CSNT faculty or from the following courses:		**10**
BADA A105	Introduction to Personal Computers and Application Software	
or BADA A110	Computer Concepts in Business	
BA A151	Business Foundations	
or BA A231	Fundamentals of Supervision	
CNT A168	Computer User Support and Help Desk	
or CNT A262	Computer Technical Support	
CNT A276	Individual Technical Project	
CNT A282	Industry Workplace Experience	
CNT A290	Selected Topics in Information Technology	
CNT A390	Selected Topics in Computer and Networking Technology	
Total		**48**

A minimum of 60 credits is required for the degree.

Program Student Learning Outcomes

Students graduating with an Associate of Applied Science in Computer Systems and Network Technology will be able to:

- Show an understanding of IT concepts and technical skills, installing and configuring operating systems, and using utility software.
- Show knowledge of computer hardware and peripherals.
- Demonstrate competence in IT workplace service skills through customer service, troubleshooting and implementation of security.
- Demonstrate competence in entry-level tasks of design, configuration, operation and troubleshooting Ethernet and TCP/IP networks using Cisco routers and switches.
- Show knowledge of network infrastructure, network workgroups, and domain administration.
- Demonstrate the ability to manage an IT-related project by professionally and ethically utilizing business principles, communication skills and teamwork.