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 the field of network and systems administration, computer electronics, and networking industries. This program encompasses vendor-neutral and theoretical concepts and practices; it also includes both Windows Server operating systems and Cisco routing and switching technology.

The AAS in Computer Systems and Network Technology offers students 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 technology.

The CSNT program has two emphasis areas:

- The systems emphasis includes additional skills in Windows systems administration and business soft skills and project management. It is delivered at the Mat-Su College campus. It is designed to prepare graduates for a market where a broader skill set is needed for small to medium size organizations.
- The network emphasis includes additional networking and security skills, as well as a little more individualization. It is delivered at the Anchorage campus.

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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNT A160</td>
<td>PC Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CNT A165</td>
<td>Customer Service Fundamentals</td>
<td>1</td>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CNT A261</td>
<td>CCNA 2</td>
<td>4</td>
</tr>
<tr>
<td>CNT A270</td>
<td>CCNA 3</td>
<td>4</td>
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Complete one of the following emphasis options:

Systems Emphasis

- BA A151 Business Foundations
- or BA A231 Fundamentals of Supervision
- CIS A105 Introduction to Personal Computers and Application Software
- or CIS A110 Computer Concepts in Business
- CNT A168 Computer User Support and Help Desk
- CNT A210 PC Technician Fundamentals
- CNT A243 Industry Application Infrastructure
- CNT A275 Information Technology Project Management
- CNT A276 Individual Technical Project
- or CNT A282 Industry Workplace Experience

Complete 4 credits from courses approved by CSNT faculty advisor or from the following courses:

- CNT A264 Introduction to Information Security
- CNT A271 CCNA 4
- CNT A290 Selected Topics in Information Technology
- CNT A390 Selected Topics in Computer and Networking Technology

Network Emphasis

- CNT A162 PC Architecture and Building
- CNT A183 Local Area Networks
- CNT A264 Introduction to Information Security
- CNT A280 Server Operating Systems

Complete 12 credits from courses approved by CSNT faculty advisor or from the following courses:

- CNT A262 Computer Technical Support
- CNT A271 CCNA 4
- CNT A276 Individual Technical Project
- CNT A282 Industry Workplace Experience
- CNT A290 Selected Topics in Information Technology
<table>
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<tr>
<th>CNT A390</th>
<th>Selected Topics in Computer and Networking Technology</th>
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<tr>
<td><strong>Total</strong></td>
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A minimum of 60 credits is required for the degree.