INFORMATION TECHNOLOGY SPECIALIST CERTIFICATE

< Back to Department (https://catalog.uaf.edu/academic-departments/computer-information-technology-systems/)

Minimum Requirements for Information Technology Specialist Certificate: 30 credits

Students must earn a C- grade or better in each course.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>General University Requirements</td>
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<td></td>
<td>Complete the general university requirements. (<a href="https://catalog.uaf.edu/certificates/#gurcertificatestext">https://catalog.uaf.edu/certificates/#gurcertificatestext</a>)</td>
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<td>Certificate Requirements</td>
<td>7-9</td>
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<td>Complete the certificate requirements. (<a href="https://catalog.uaf.edu/certificates/#certificaterequirementstext">https://catalog.uaf.edu/certificates/#certificaterequirementstext</a>)</td>
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<td>As part of the certificate requirements, complete the following:</td>
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<td></td>
<td><strong>Human Relations</strong></td>
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<tr>
<td></td>
<td>ANTH F100X Individual, Society and Culture</td>
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<tr>
<td></td>
<td>or ABUS F154 Human Relations</td>
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<td></td>
<td>or SOC F101X Introduction to Sociology</td>
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<td><strong>Information Technology Specialist Program Requirements</strong></td>
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<td>Complete the following:</td>
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<td></td>
<td>CITS F203 Information Technology Support Fundamentals</td>
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<td></td>
<td>CITS F204 Introduction to Computer Networks</td>
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<td>CITS F212 Server Operating Systems</td>
<td>3</td>
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<td></td>
<td>CITS F261 Computer and Network Security</td>
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<td>Complete 8-9 credits from the following or program coordinator-approved courses:</td>
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<tr>
<td></td>
<td>CIOS F128 Microcomputer Operating Systems</td>
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<td>CIOS F130 Word Processing</td>
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<td>CIOS F135 Microcomputer Spreadsheets</td>
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<td>CIOS F150 Computer Business Applications</td>
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<tr>
<td></td>
<td>CIOS F189 Microcomputer Applications: Topics</td>
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<td>CIOS F233 Desktop Publishing</td>
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<td>CIOS F240 Microcomputer Databases</td>
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<td>CIOS F255 Digital Graphics</td>
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<td>CIOS F258 Digital Photography</td>
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<td>CITS F201 Operating Systems Support</td>
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<td>CITS F219 Operating Systems: Topics</td>
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<td>CISTS F220 Implementing Internet Tools and Technologies</td>
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<td>CITS F221 Graphics and Multimedia for the Web</td>
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<td>CITS F222 Website Design</td>
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<td>CITS F240 System and Network Services</td>
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<td>Administration</td>
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<td>CITS F241 Networking and LAN Infrastructure Basics</td>
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<td>CITS F242 Routing and Switching Essentials</td>
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<td>CITS F262 Cybersecurity Defense and Countermeasures</td>
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<td>CITS F263 Network Security Penetration Testing</td>
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<td>CITS F265 Directory Services Administration</td>
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<td>CITS F282 IT Troubleshooting Skills</td>
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<td></td>
<td>CITS F289 Information Technology: Topics</td>
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</table>

Pass a certification review requiring students to demonstrate proficiency in the following skill areas: operating systems, hardware, and network support and troubleshooting. 2

<table>
<thead>
<tr>
<th>Electives</th>
<th>0-2</th>
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Total Credits 30-31

1 May be repeated for different topics.
2 Prior to graduation, all students are required to pass a certification review that includes a hands-on scenario task and the development and presentation of a portfolio of work.