

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.

Code	Title	Credits
General University Requirements		
Complete the general university requirements. (https://catalog.uaf.edu/certificates/#gurcertificatetext)		
Certificate Requirements		
Complete the certificate requirements. (https://catalog.uaf.edu/certificates/#certificaterequirementstext)		7-9
As part of the certificate requirements, complete the following:		
<i>Human Relations</i>		
ANTH F100X	Individual, Society and Culture	
or ABUS F154	Human Relations	
or SOC F101X	Introduction to Sociology	
Information Technology Specialist Program Requirements		
Complete the following:		
CITS F203	Information Technology Support Fundamentals	4
CITS F204	Introduction to Computer Networks	3
CITS F212	Server Operating Systems	3
CITS F261	Computer and Network Security	3
Complete 8-9 credits from the following or program coordinator-approved courses:		8-9
CIOS F128	Microcomputer Operating Systems	
CIOS F130	Word Processing	
CIOS F135	Microcomputer Spreadsheets	
CIOS F150	Computer Business Applications	
CIOS F189	Microcomputer Applications: Topics ²	
CIOS F233	Desktop Publishing	
CIOS F240	Microcomputer Databases	
CIOS F255	Digital Graphics	
CIOS F258	Digital Photography	
CITS F201	Operating Systems Support	
CITS F219	Operating Systems: Topics ¹	
CITS F220	Implementing Internet Tools and Technologies	
CITS F221	Graphics and Multimedia for the Web	
CITS F222	Website Design	
CITS F240	System and Network Services Administration	
CITS F241	Networking and LAN Infrastructure Basics	

CITS F242	Routing and Switching Essentials	
CITS F262	Cybersecurity Defense and Countermeasures	
CITS F263	Network Security Penetration Testing	
CITS F265	Directory Services Administration	
CITS F282	IT Troubleshooting Skills	
CITS F289	Information Technology: Topics	
Pass a certification review requiring students to demonstrate proficiency in the following skill areas: operating systems, hardware, and network support and troubleshooting. ²		
Electives		
General Electives		0-2
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.