

Information Technology Infrastructure Management , A.A.S. 26-27 catalog

Full-time

Description: The Information Technology Infrastructure Management program is designed for those who want to provide technical assistance for computer systems and users. This program provides instruction in both business and technology, and can lead to industry certifications from CompTIA, and Microsoft. Students must pass the CompTIA's A+, Network+, and CCNA to graduate from the program.

Completion Time: 2 Years

This is suggested course sequencing. Please see a counselor or advisor for individual adjustments.

Year 1

Fall Semester

☐ Success Skills for the 21st Century	GNST 100	3 Cr.
☐ Information Technology Fundamentals	CSTC 101	3 Cr.
☐ Introduction to Networking	CSTC 127	3 Cr.
☐ Computer Maintenance	CSTC 173	4 Cr.
☐ Freshman English I	ENGL 100	3 Cr.

Spring Semester

☐ Data Analytics	CSTC 102	3 Cr.
☐ Cloud Essentials	CSTC 240	3 Cr.
☐ Mathematics Requirement (choose 1)		
Introductory Statistics	MATH 190	4 Cr.
Math for Everyday Life	MATH 101	4 Cr.
☐ Oral Communication Requirement		3 Cr.

Summer Session

☐ Choose 1		
Computer Literacy	CMIS 101	3 Cr.
Introduction to Computer Information Systems	CMIS 115	3 Cr.
☐ Choose 1		
American Political System	POLI 240	3 Cr.
United States History to 1865	HIST 250	3 Cr.
United States History Since 1865	HIST 251	3 Cr.

Year 2

Fall Semester

☐ Network Security	CSTC 237	3 Cr.
☐ Linux	ITIF 200	3 Cr.
☐ Cloud Administration	ITIF 210	3 Cr.
☐ Server Administration	ITIF 220	3 Cr.

Spring Semester

☐ Scripting for Server Administration	CSTC 103	3 Cr.
☐ Project Management for Information Technology	CSTC 104	3 Cr.
☐ Humanities Requirement		3-4 Cr.
☐ Laboratory Science Requirement		4 Cr.

Total Minimum Credits: 60

Academic Advising: You should meet with an academic counselor prior to registering for classes.

Note: Prerequisite courses may apply to this program. A minimum of 60 unduplicated credits (100 level or higher) are required for all associate degree programs.

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Part-time

Description: The Information Technology Infrastructure Management program is designed for those who want to provide technical assistance for computer systems and users. This program provides instruction in both business and technology, and can lead to industry certifications from CompTIA, and Microsoft. Students must pass the CompTIA's A+, Network+, and CCNA to graduate from the program.

Completion Time: 4.5 Years

This is suggested course sequencing. Please see a counselor or advisor for individual adjustments.

Year 1

Fall Semester

☐ Success Skills for the 21st Century	GNST 100	3 Cr.
☐ Information Technology Fundamentals	CSTC 101	3 Cr.

Spring Semester

☐ Freshman English I	ENGL 100	3 Cr.
☐ Data Analytics	CSTC 102	3 Cr.

Year 2

Fall Semester

☐ Introduction to Networking	CSTC 127	3 Cr.
☐ Computer Maintenance	CSTC 173	4 Cr.

Spring Semester

☐ Cloud Essentials	CSTC 240	3 Cr.
☐ Mathematics Requirement (choose 1)		
Introductory Statistics	MATH 190	4 Cr.
Math for Everyday Life	MATH 101	4 Cr.

Year 3

Fall Semester

☐ Network Security	CSTC 237	3 Cr.
☐ Linux	ITIF 200	3 Cr.

Spring Semester

☐ Scripting for Server Administration	CSTC 103	3 Cr.
☐ Laboratory Science Requirement		4 Cr.

Year 4

Fall Semester

☐ Cloud Administration	ITIF 210	3 Cr.
☐ Server Administration	ITIF 220	3 Cr.

Spring Semester

☐ Project Management for Information Technology	CSTC 104	3 Cr.
☐ Choose 1		
American Political System	POLI 240	3 Cr.
United States History Since 1865	HIST 251	3 Cr.
Humanities Requirement		3-4 Cr.

Year 5

Fall Semester

☐ Choose 1		
United States History to 1865	HIST 250	3 Cr.
Humanities Requirement		3-4 Cr.
*One Social Science class (POLI 240, HIST 250, HIST 251) must be taken		
☐ Oral Communication Requirement		3 Cr.
☐ Choose 1		
Computer Literacy	CMIS 101	3 Cr.
Introduction to Computer Information Systems	CMIS 115	3 Cr.

Academic Advising: You should meet with an academic counselor prior to registering for classes.

Note: Prerequisite courses may apply to this program. A minimum of 60 unduplicated credits (100 level or higher) are required for all associate degree programs.

Courses in italics may be taken in the summer term.

Total Minimum Credits: 60

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Full-time spring start

Description: The Information Technology Infrastructure Management program is designed for those who want to provide technical assistance for computer systems and users. This program provides instruction in both business and technology, and can lead to industry certifications from CompTIA, and Microsoft. Students must pass the CompTIA's A+, Network+, and CCNA to graduate from the program.

Completion Time: 2 Years

This is suggested course sequencing. Please see a counselor or advisor for individual adjustments.

Year 1

Spring Semester

☐ Success Skills for the 21st Century	GNST 100	3 Cr.
☐ Freshman English I	ENGL 100	3 Cr.
☐ Project Management for Information Technology	CSTC 104	3 Cr.
☐ Mathematics Requirement (choose 1)		
Introductory Statistics	MATH 190	4 Cr.
Math for Everyday Life	MATH 101	4 Cr.

Fall Semester

☐ Information Technology Fundamentals	CSTC 101	3 Cr.
☐ Introduction to Networking	CSTC 127	3 Cr.
☐ Computer Maintenance	CSTC 173	4 Cr.
☐ Choose 1		
American Political System	POLI 240	3 Cr.
United States History to 1865	HIST 250	3 Cr.
Humanities Requirement		3-4 Cr.

Year 2

Spring Semester

☐ Data Analytics	CSTC 102	3 Cr.
☐ Scripting for Server Administration	CSTC 103	3 Cr.
☐ Choose 1		
United States History Since 1865	HIST 251	3 Cr.
Humanities Requirement		3-4 Cr.
*One Social Science class (POLI 240, HIST 250, HIST 251) must be taken		
☐ Oral Communication Requirement		3 Cr.

Fall Semester

☐ Network Security	CSTC 237	3 Cr.
☐ Linux	ITIF 200	3 Cr.
☐ Cloud Administration	ITIF 210	3 Cr.
☐ Server Administration	ITIF 220	3 Cr.

Year 3

Spring Semester

☐ Cloud Essentials	CSTC 240	3 Cr.
☐ Choose 1		
Computer Literacy	CMIS 101	3 Cr.
Introduction to Computer Information Systems	CMIS 115	3 Cr.
☐ Laboratory Science Requirement		4 Cr.

Total Minimum Credits: 60

Academic Advising: You should meet with an academic counselor prior to registering for classes.

Note: Prerequisite courses may apply to this program. A minimum of 60 unduplicated credits (100 level or higher) are required for all associate degree programs.