

Information Technology Infrastructure Management , A.A.S. 24-25 catalog

Full-time with summer course schedule

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.

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.
- Communication Requirement 3 Cr.

Summer Session

- Computer Literacy (test out option available) CMIS 101 3 Cr.
- Freshman English I ENGL 100 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.
 - Choose 1
 - American Political System POLI 240 3 Cr.
 - United States History to 1865 HIST 250* 3 Cr.
- *If student wants HIST 251, swap with Communications requirement*

Spring Semester 5

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

Information Technology Infrastructure Management , A.A.S. 24-25 catalog

Full-time course schedule

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			Year 2		
Fall Semester			Fall Semester		
<input type="checkbox"/> Information Technology Fundamentals	CSTC 101	3 Cr.	<input type="checkbox"/> Network Security	CSTC 237	3 Cr.
<input type="checkbox"/> Computer Maintenance	CSTC 173	4 Cr.	<input type="checkbox"/> Linux	ITIF 200	3 Cr.
<input type="checkbox"/> Introduction to Networking	CSTC 127	3 Cr.	<input type="checkbox"/> Cloud Administration	ITIF 210	3 Cr.
<input type="checkbox"/> <i>Freshman English I</i>	ENGL 100	3 Cr.	<input type="checkbox"/> Server Administration	ITIF 220	3 Cr.
<input type="checkbox"/> Success Skills for the 21st Century	GNST 100	3 Cr.	<input type="checkbox"/> Choose 1		
			American Political System	POLI 240	3 Cr.
			United States History to 1865	HIST 250*	3 Cr.
			<i>*If student wants HIST 251, swap with Communications requirement</i>		
Spring Semester			Spring Semester 5		
<input type="checkbox"/> <i>Computer Literacy</i> (test out option available)	CMIS 101	3 Cr.	<input type="checkbox"/> Scripting for Server Administration	CSTC 103	3 Cr.
<input type="checkbox"/> Data Analytics	CSTC 102	3 Cr.	<input type="checkbox"/> Project Management for Information Technology	CSTC 104	3 Cr.
<input type="checkbox"/> Cloud Essentials	CSTC 240	3 Cr.	<input type="checkbox"/> Humanities Requirement		3-4 Cr.
<input type="checkbox"/> Mathematics Requirement (choose 1)			<input type="checkbox"/> Lab Science Requirement		4 Cr.
Introductory Statistics	MATH 190	4 Cr.			
Math for Everyday Life	MATH 101	4 Cr.			
<input type="checkbox"/> <i>Communication Requirement</i>		3 Cr.			
Courses in italics may be taken in the summer term.			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.

Information Technology Infrastructure Management , A.A.S. 24-25 catalog

Half-time course schedule

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

- Computer Literacy (test out option available) CMIS 101 3 Cr.
- Freshman English I ENGL 100 3 Cr.

Year 2

Fall Semester

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

Spring Semester

- Data Analytics CSTC 102 3 Cr.
- Cloud Essentials CSTC 240 3 Cr.

Year 3

Fall Semester

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

Spring Semester

- Scripting for Server Administration CSTC 103 3 Cr.
- Humanities Requirement (see catalog requirements) 3-4 Cr.

Year 4

Fall Semester

- Network Security CSTC 237 3 Cr.
- Lab Science Requirement 4 Cr.

Spring Semester

- 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.
- Communication Requirement 3 Cr.

Year 5

Fall Semester

- Linux ITIF 200 3 Cr.
- Choose 1
 - American Political System POLI 240 3 Cr.
 - United States History to 1865 (Even year) HIST 250 3 Cr.
 - United States History Since 1865 (Odd year) HIST 251 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

Information Technology Infrastructure Management , A.A.S. 24-25 catalog

Full-time spring start course schedule

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		Year 2	
Spring Semester		Spring Semester	
<input type="checkbox"/> Success Skills for the 21st Century	GNST 100 3 Cr.	<input type="checkbox"/> Data Analytics	CSTC 102 3 Cr.
<input type="checkbox"/> Computer Literacy (test out option available)	CMIS 101 3 Cr.	<input type="checkbox"/> Cloud Essentials	CSTC 240 3 Cr.
<input type="checkbox"/> Freshman English I	ENGL 100 3 Cr.	<input type="checkbox"/> Mathematics Requirement (choose 1)	
<input type="checkbox"/> Choose 1		Introductory Statistics	MATH 190 4 Cr.
American Political System	POLI 240 3 Cr.	Math for Everyday Life	MATH 101 4 Cr.
United States History to 1865	HIST 250* 3 Cr.	<input type="checkbox"/> Humanities Requirement	3-4 Cr.
<i>(for HIST 251, swap with communications requirement)</i>			
Fall Semester		Fall Semester 5	
<input type="checkbox"/> Information Technology Fundamentals	CSTC 101 3 Cr.	<input type="checkbox"/> Network Security	CSTC 237 3 Cr.
<input type="checkbox"/> Introduction to Networking	CSTC 127 3 Cr.	<input type="checkbox"/> Linux	ITIF 200 3 Cr.
<input type="checkbox"/> Computer Maintenance	CSTC 173 4 Cr.	<input type="checkbox"/> Cloud Administration	ITIF 210 3 Cr.
<input type="checkbox"/> Communication Requirement	3 Cr.	<input type="checkbox"/> Server Administration	ITIF 220 3 Cr.
		Year 3	
		Spring Session	
		<input type="checkbox"/> Scripting for Server Administration	CSTC 103 3 Cr.
		<input type="checkbox"/> Project Management for Information Technology	CSTC 104 3 Cr.
		<input type="checkbox"/> Lab 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.