

INFORMATION TECHNOLOGY & NETWORK SPECIALIST (B.S.)

This program is designed to complete the A.A.S degree in Computer Information Systems – Network Specialist Option from Joliet Junior College. The completion program focuses on concepts and applications leading to the B.S. in Information Technology. The program is designed to prepare graduates in efficient use and integration of new technology into existing company structures. The program provides knowledge, skills, and methods in the deployment of emerging technology, installation and maintenance of networks, management of resources and security of systems.

Major Program (71-72 credit hours)

All students in this program are required to complete the AAS degree in Computer Information Systems – Network Specialist Option including 38 hours of USF-specified CIS course work from Joliet Junior College.

Code	Title	Hours
AAS Degree		
AAS degree in Computer Information Systems – Network Specialist Option		38
Additional Required Courses		
ACCT 125	Financial Accounting	3
COMP 141	Programming in Visual Basic	3
COMP 201	Introduction to DBMS	3
COMP 241	Web Programming Languages	3
COMP 301	Database Administration	3
COMP 350	Network Security	3
COMP 401	Web Server Design/Administration	3
COMP 412	Systems Administration	3
COMP 480	Senior Project	3
MGMT 150	Management and Organizational Behavior	3
Elective		
Select one of the following:		3-4
MATH 121	Finite Mathematics (3)	
MATH 170	Applied Calculus (4)	
MATH 326	Discrete Mathematics (3)	
Total Hours		71-72

Students work with their advisors in selecting additional elective credits to fulfill the 120 credit hours required for graduation.