



# Networking

AAS (60 SCH\*)

\*Semester Credit Hour

8/2020

## First Semester - 15 SCH

PSYC 1300 - Learning Framework  
 DRAM 1310 - Introduction to Theater  
 ITNW 1325 - Fundamentals of Networking Technologies  
 ITSC 1305 - Introduction to PC Operating Systems  
 ITSC 1325 - Personal Computer Hardware

## Second Semester - 15 SCH

COSC 1301 - Introduction to Computing  
 IMED 1316 - Web Design I  
 ITNW 1351 - Fundamentals of Wireless LANs  
 ITSC 1321 - Intermediate PC Operating Systems  
 MATH 1332 - Contemporary Mathematics

## Third Semester - 15 SCH

ENGL 1301 - Composition I  
 ITNW 1354 - Implementing and Supporting Servers  
 ITSC 2339 - Personal Computer Help Desk Support  
 ITNW 2313 - Networking Hardware  
 ITSW 1304 - Introduction to Spreadsheets

## Fourth Semester - 15 SCH

ITSW 1307 - Introduction to Database  
 ITNW 2305 - Network Administration  
 ITSW 2334 - Advanced Spreadsheets  
 ITSC 1364 - Practicum - Computer and Information Sciences, General  
 ITSY 1342 - Information Technology Security

## Marketable Skills

- Computer Skills
- Critical Thinking
- Teamwork
- Communication
- Decision Making
- Problem Solving
- Social Responsibility
- Technical Proficiency
- Personal Responsibility

## Program Outcomes

- Demonstrate techniques to design a secure network
- Ability to evaluate resources and make relevant recommendation for purchase or upgrade of a system
- Recognize the interaction of stand-alone and network devices, operating systems, and applications.
- Identify tools, diagnostic procedures and troubleshooting techniques for networks and personal computer components.

## High School Endorsements

Business and Industry

## Additional Educational Opportunities

Students may continue their education through a BAAS degree.

## Career Opportunities

Network administrator; Personal computer technician; Help desk/technical support specialist; Information security specialist; Network technician; Computer support specialist; Information technology support specialists; Network infrastructure support.