

ASSOCIATE OF APPLIED BUSINESS DEGREE

INFORMATION TECHNOLOGY

Network Security

This curriculum is a study of network security using current information technologies that are the driving force of today's business world. Networking security, as it applies to the Internet and intranets, will be explored in depth. A hands-on approach will be used to reinforce the concepts discussed in this curriculum. Please review the catalog course descriptions for prerequisites. The sequence of the courses starts in the fall quarter only and cannot be taken in the Virtual College.

MISSION STATEMENT:

The Information Technology Department delivers to the students an educational experience that leads to lifelong learning skills through field-experienced professionals using contemporary technology.

Curriculum: 108 Credit Hours
Length: 6 Quarters

Technical & Basic Requirements:

64 Credit Hours

AC114 Accounting I/5
CF101 Introduction to Computer Forensics/4
IT110 Modern Computing Concepts/3
IT184 Ethics in Information Technology/4
IT235 Electronic Commerce/5
MA121 Principles of Management/5
NS147 Windows Client/Server Operating Systems/3
NS148 Linux Operating System Fundamentals/3
NS183 Network Security Fundamentals/5
NS190 Local and Wide Area Networks/3
NS195 Network Defense and Countermeasures/4
NS200 Internet Security/3
NS203 Network Disaster Recovery/3
NS259 Implementing Internet/Intranet Firewalls/3
NS278 Operating Systems Security/3
NS288 Security Policy and Procedures/3
PL100 Introduction to the Legal System/5

General Education Requirements:

37 Credit Hours

CO179 Introduction to Human Communication/3
EN180 Composition I/5
EN200 Composition II/5
MH169 Business Math/5
MH190 Algebra/5
PY177 Introduction to Psychology/3
OR
SO186 Sociology/3
SC200 Principles of Ecology/3
UN100 First Year Experience/1
UN220 Introduction to Diversity Issues/3
UN292 Portfolio Capstone/1
Any 100- or 200-level AR, EN, HI, RE, or SP course/3

General Education Electives:

3 Credit Hours

Choose 100- or 200-level courses from the general education subject categories, which may include Art (AR), English (EN), History (HI), Math (MH), Political Science (PS), Psychology (PY), Religion (RE), Sociology (SO), Spanish (SP), or University Survey (UN).

Specialized Electives:

4 Credit Hours

Choose courses at the 100 or 200 level that are not required in your program.

Note: Elective courses can apply to only one degree level. The same course cannot be re-used to satisfy the elective requirements at the Associate's Degree level and again at the Bachelor's Degree level.