



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.

MISSION STATEMENT:

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

Curriculum: 108 Credit Hours

Length: 6 Quarters

Technical & Basic Requirements:

72 Credit Hours

AC111 Accounting I/4
CF101 Introduction to Computer Forensics/4
IT110 Modern Computing Concepts/3
IT184 Ethics in Information Technology/4
MA121 Principles of Management/5
MA235 Electronic Commerce/4
MH169 Business Math/5
MH205 College Algebra/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:

27 Credit Hours

CO179 Introduction to Human Communication/3
EC215 Macroeconomics/3
EN180 Composition I/5
EN200 Advanced Composition/5
PS274 The American Political Scene/3
PY177 Introduction to Psychology/3
SO220 Cultural Diversity in the United States/3
UN070 Success Strategies/1
UN292 Portfolio Capstone/1

General Education Electives:

3 Credit Hours

Choose courses not required for the program from Art, Communication, English, History, Philosophy, Popular Culture, Psychology, Religion, Science, Sociology, Spanish, University Survey, or Women's Studies.

Any 300 Level Course with Permission

Specialized Electives:

6 Credit Hours

Specialized electives may be any course not required in the major.