

ASSOCIATE OF APPLIED BUSINESS DEGREE

INFORMATION TECHNOLOGY

Computer Forensics

This curriculum is a study of computer forensics using current information technologies that are the driving force of today's business and legal world. Digital forensics, as it applies to digital evidence recovery, forensic laboratory analysis, and legal and ethical issues regarding seizure of computer evidence will be explored in-depth. Computer network security, protocols, and intrusions detection will also provide the students with skills required to protect against threats and vulnerabilities. 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:

61 Credit Hours

- AC114 Accounting I/5
- CF101 Introduction to Computer Forensics/4
- CF130 Analysis of Digital Media/5
- CF140 White-Collar Crime/3
- CF201 Advanced Computer Forensics/3
- CF202 Intrusion Detection and Prevention/3
- CF210 Cybercrime/5
- CF230 Search & Seizure - Legal, Ethical & Privacy Issues/3
- CF240 Computer Forensics and Incident Response/3
- CF280 Advanced Topics in Computer Forensics/4
- CF295 Safety and Security of Critical Infrastructure/3
- IT110 Modern Computing Concepts/3
- IT184 Ethics in Information Technology/4
- MA121 Principles of Management/5
- PL100 Introduction to the Legal System/5
- PL202 Criminal Law/3

General Education Requirements:

35 Credit Hours

- CO179 Introduction to Human Communication/3
- EN180 Composition I/5
- EN200 Composition II/5
- MH169 Business Math/5
- PY177 Introduction to Psychology/3
- OR
- SO186 Sociology/3
- PY270 Social Psychology/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:

9 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.