

INFORMATION TECHNOLOGY

The Information Technology programs meet the needs of students who plan to pursue careers in today's ever-changing, technology intensive marketplace. As graduates of this program, students are well prepared for careers in information systems within business, governmental and educational environments. Experience in programming, networking, database management and systems development, combined with a strong foundation in the liberal arts, enables students to assume responsible positions in the information technology industry.

DEGREES OFFERED

Bachelor of Science - 126 Credits

Associate of Science - 63 Credits

Certificate- 18 Credits

MAJOR REQUIREMENTS BACHELOR DEGREE

All information technology students are required to complete the following courses: The Basics of Networking, Software Project Management, Technology & Ethical Issue, Mathematics/Computer Seminar and Fundamentals of Discrete Mathematics. Students choose one of three concentrations within the information technology major: System Integration, Instructional Technology or Instructional Technology with Elementary Education. Specific courses include:

System Integration

A high level programming language
Computer Literacy II
Database
Topics in Technology *or*
Advanced Topics in Technology
System Design
Software Project Management
Human Computer Interaction
3 credits from among specified
Math courses
Science of Communication
Public Speaking
3 credits in Computer Science
electives

Instructional Technology

Public Speaking
Computer Literacy II
Topics in Technology *or*
Advanced Topics in Technology
Instructional System Design
Software Project Management
Instructional Technology Models
Human Computer Interaction
3 credits from among specified
Math courses
Science of Communication
3 credits in Computer Science
electives

Instructional Technology with Elementary Education

Computer Literacy II
Topics in Technology *or*
Advanced Topics in Technology
Instructional System Design
Software Project Management
Instructional Technology Models
Human Computer Interaction

Additional requirements are
required for Elementary Education

ASSOCIATE DEGREE REQUIREMENTS

Fundamentals of Discrete
Mathematics
Three credits from among specified
mathematics courses
3D Computing
Computer Literacy II
Multi-media: Concepts and Design
Web Design
Basics of Networking
Science of Communication
Nine credits from among specified
computer science courses
Public Speaking

***While the majority of the courses are offered in the evening,
day courses are required to complete the degree requirements.***