

CERTIFICATE PROGRAM
IN
INFORMATION TECHNOLOGY

Advances in technology have opened and continue to widen new horizons for the use of computers in the acquisition and effective use of information. The study of Information Technology provides a valuable introduction to the utilization, power, and potential of technology in today's business or educational environment and in society at large. Studies in this program offer the student the opportunity to become a proficient user of applications software, to explore new computer-related technologies, and to investigate new ways of thinking about and organizing information.

18 credits to include the following:

REQUIREMENTS: (9 credits)

CIS 105	3D Computing
CIS 214	Multimedia: Concepts & Design
CIS 230	Web Design

ELECTIVES:

Nine (9) credits chosen from departmental computer science offerings which may include:

CIS 202	Computer Literacy II
CIS 218	Software Design and Programming
CIS 224	Database
CIS 231	The Basics of Networking
CIS 325	Systems Analysis & Design
CIS 327	Advanced Design and Programming
CIS 328	Artificial Intelligence
CIS330	Advanced Topics in Robotics
CIS 331	Software Project Management
CIS 335	Technology and Ethical Issues
CIS403	Object-oriented Concepts
CIS404	Human Computer Interactions
CIS 406	Software Quality and Testing