

# PROGRAM MATRIX

## ASSOCIATE OF ARTS IN INFORMATION TECHNOLOGY

The Associate of Arts in Information Technology (AA-IT) program provides the foundation and skills necessary for entry into the field of Information Technology. The attainment of an Associate Degree meets the needs of adult students before they embark on a professional program or higher degree levels.

An Associate of Arts degree in Information Technology will enable students to demonstrate sound understanding of organizational principles, quality assurance and leadership in information technology positions. The AA-IT is also an important milestone for students' educational goals.

### PROGRAM COMPETENCIES AND LEARNING OBJECTIVES

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency in English and Communication Skills
- Display positive attitudes in human relationship in a multicultural and diverse environment
- Use knowledge and skills in modern technology within an information technology, business operation or a leadership role
- Demonstrate an understanding of theory and application related to the information technology environment
- Demonstrate knowledge and understanding of professional ethics that apply to personal and business decisions
- Possess basic skills and knowledge of computers and apply the tools with confidence
- Apply techniques appropriate to solving technological problems in organizations

### AA-IT CURRICULAR REQUIREMENTS (60 UNITS)

The Associate of Arts degree in General Education requires completion of **60 semester credits** of coursework which includes 27 credits of General Education, 9 credits of General Foundations Courses, and 24 credits of Elective courses.

#### 1. General Education: 30 Credits/10 Courses

**A. English Communication: 6 Credits/2 Courses**

- GEN 101 English Composition I
- GEN 201 English Composition II

**B. Mathematics/Science/Computer Science: 6 Credits/2 Courses**

- GEN 104 Mathematics
- GEN 105 Algebra

**C. Social Science: 6 Credits/2 Courses**

- ACE 100 Accelerate, Connect, Equip
- Social Sciences Elective (100/200)

**D. Humanities and Fine Arts: 6 Credits/2 Courses**

- GEN 102 United States History
- GEN 103 United States Government

**E. General Education or Elective (100/200): 6 Credits/2 Courses**

- Elective
- Elective

**2. Information Technology Courses: 30 Credits/10 Courses**

- BUS 201 Business and Society
- BUS 215 Business Communications
- BUS 225 Fundamentals of Business Ethics
- ECO 215 Survey of Economics
- IST 227 Information Technology in Business
- IST 228 Data Communications and Distributed Networks
- IST 234 Fundamentals of Database Management
- IST 235 Legal Issues in Information Technology
- IST 247 Intro to Information System Analysis Design & Implementation
- IST 256 Introduction to Internet Security and Threats

**GENERAL ELECTIVE COURSES - (SELECT 2 COURSES FROM THE LIST BELOW)**

- ACC 222 Financial Accounting
- BUS 214 Business Statistics
- ECO 220 Macroeconomics
- FIN 224 Principles of Financial Management
- IST 225 Computer Systems Architecture
- MGT 228 Introduction to the Process of Management

- MGT 251 Organizational Behavior
- MKT 226 Principles of Marketing
- General Education or Elective (100/200)