

## 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.

### Program Competencies and Learning Objectives

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

- Demonstrate the use of oral and written skills
- Demonstrate an understanding of theory and application related to the information technology environment in business operations.
- Demonstrate knowledge and understanding of professional ethics that apply to personal and business decisions
- Display appropriate problem-solving techniques in human relationships in a multicultural and diverse environment
- Apply techniques appropriate for solving technological problems in organizations

### Curricular Requirements (60 Credits)

The Associate of Arts degree in Information Technology requires completion of 60-semester credits of coursework, including 30 credits of General Education, 30 credits of Information Technology Foundation courses, and 6 credits of General Elective courses.

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

- ACE 100 – Accelerate, Connect, Equip
- BUS 225 – Fundamentals of Business Ethics
- GEN 101 – English Composition I
- GEN 102 – United States History
- GEN 103 – United States Government
- GEN 104 – Mathematics
- GEN 105 – Algebra
- GEN 201 – English Composition II
- GEN 212 – Introduction to Philosophy
- IST 221 – Fundamentals of Computing

#### 2. Information Technology Foundation Courses: 24 Credits/8 Courses

- BUS 201 – Business and Society
- BUS 215 – Business Communication
- ECO 215 – Survey of Economics
- IST 227 – Information Technology in Business
- IST 228 – Data Communication and Distributed Networks

- IST 234 – Fundamentals of Database Management
- IST 235 – Legal Issues in Information Technology
- IST 256 – Introduction to Information Security and Threats

**3. General Elective Courses: 6 Credits/2 Courses**

- General Elective
- General Elective

### 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
- GEN 106 – Calculus
- GEN 113 – Introduction to Psychology
- GEN 213 – World Religions
- GEN 223 – Political Science
- MGT 228 – Introduction to the Process of Management
- MGT 251 – Organizational Behavior
- MGT 456 – International Management
- MKT 226 – Principles of Marketing