

# Information Systems

## Associate in Applied Science

### Leading to a Baccalaureate degree in Information Systems through Ferris State University

Career Pathway: Business, Management, Marketing and Technology Career Cluster: Information Technology

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**NOTE:** *If you are planning to transfer to a four-year institution other than Ferris State University, consult a program advisor to discuss an Associate in Arts degree. You are strongly urged to discuss both degrees with the program advisor to determine which degree best suits your needs.*

This degree has been designed to provide individuals with the opportunity to upgrade technical skills and promote career opportunities/advancement. This degree provides the foundation for certifications. Salaries vary with geographical location and employer.

### Prerequisites

- You will need to demonstrate proficiencies in reading, English and mathematics based on SMC assessment tests, ACT or SAT scores, MEAP scores or by taking the recommended classes.
- Some of the courses in this curriculum have specific prerequisites. These are described in the course descriptions.
- ACE Testing, which grants students credit for demonstration of skills mastery, is available for a

number of the courses listed.

- You will need to demonstrate computer competency through testing. If unable to demonstrate, an appropriate class must be taken (ISYS 110).

### Core Curriculum

- In order to graduate with a college degree, all students are required to take certain general education courses. These include speech, wellness, two semesters in English composition and proficiency in mathematics and computer use.

### Course Sequence

- Please be sure to consult the course descriptions as some courses may not be offered every semester.

**To complete an Information Systems Associate in Applied Science degree, add the following courses to the Information Systems Certificate program and take 2 additional courses from the approved electives list.**

<b>Course</b>	<b>Credits</b>
ACCO 201 Principles of Accounting	4
BUSI 101 Introduction to Business	3
ENGL 103 Freshman English II	3
ENGL 105 Technical Writing	3
ISYS 255 Internship	3
MATH 105 Intermediate Algebra	4
<b>OR</b>	
MATH 115 Business Mathematics	(3)
SPEE 104 Intro to Human Communication	3

*Continued on next page.*

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**Approved Electives** (*Choose 2 courses*)

<b>Course</b>	<b>Credits</b>
ISYS 130 Word Processing	3
ISYS 140 Presentations	3
ISYS 181 Spreadsheets	3
ISYS 185 Integrated Applications	3
ISYS 201 IT Support	3
ISYS 221 Visual BASIC	3
ISYS 225 Programming in C Language	3
ISYS 226 Advanced C	3
ISYS 241 Introduction to Web Development	3
ISYS 280 Novell Networking	3
ISYS 281 Windows Networking	3
ISYS 282 UNIX (LINUX)	3
ISYS 285 Network Security	3

**Total Program Credits** \*63

\*NOTE: A minimum of 62 credits is required to graduate.