Why Choose Computer Information Systems?
The Associate in Applied Science degree, offered through the College of Business at Ferris, prepares students to support computing systems by providing programming, systems analysis, network administration, and some database management skills.

Entry-level positions include such jobs as: programmer/analyst, network administrator, systems analyst; computer support specialist, and other related positions in the field.

This program has close relationships with industry through an industry advisory board and offers internships as a practical hands-on experience. The hands-on approach gives graduates a real-world look at their field.

Get a Great Job
According to the Bureau of Labor Statistics (BLS), 4 of the top 10 fastest growth jobs for this decade (2002-2012) are in computer and computing-related positions. The BLS also predicts that professional and service occupations will increase the fastest, and will account for over 50 percent of the total job growth during the decade.

Furthermore, many sources predict a shortage of much needed Information Systems professionals despite rumors and actual off-shore outsourcing of programming positions over the next several years. New Information Systems positions are needed to reflect this changing landscape and to be current with technologies.

Computers and information systems have become essential to all aspects of business and life. Professionals are needed to relate the problem-solving abilities of a computer system to an individual business department, corporation, or a multi-national enterprise.

Curriculum
The CIS program provides maximum flexibility for students, and easily changes with the market place. The core is aligned to a national standard (IS 2002) produced by the ACM, AITP, and AIS professional societies. This core was created from skills and attributes listed in thousands of job advertisements for IS positions.

The Associate in Applied Science degree is aligned to easily flow into the four-year BS degree in CIS if so desired.

Admission Requirements
Applicants must present evidence of graduation from high school or the GED. To enter an Associate degree (A.A.S.) Program in Business, applicants are expected to meet two of the following: a minimum high school grade point average of 2.35 (on a 4.00 scale); ACT MATH score of 17 or higher; an ACT READING score of 17 or higher.

Graduation Requirements
The Computer Information Systems program at Ferris leads to an Associate in Applied Science degree. Graduation requires a minimum 2.0 GPA in core classes, in the major, and overall.

Required Courses

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<th>Course</th>
<th>Credit Hours</th>
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General Education
This degree requires completion of the general education courses found on your program degree checksheet:

- Communication Competence 9
- Scientific Understanding 3-4
- Quantitative Skills 3
- Cultural Enrichment 3
- Social Awareness (ECON) 3
- Electives 3

Business Core
- ACCT 201 Principles of Accounting 1 3
- STQM 260 Intro to Statistics 3
- BLAW 321 Contracts & Sales 3
- MKTG 321 Principles of Marketing 3

Major (Choose 8 courses for a total of 24 credits)
- ISYS 110 Fundamentals of Comp Inf Sys 3
- ISYS 200 Database Design & Implementation 3
- ISYS 216 Intro to Object-Oriented Programming 3
- ISYS 220 Introduction to COBOL Programming 3
- ISYS 265 Midrange Online Program Dev 3
- ISYS 270 Fundamentals of Hardware & Operating Systems 3
- ISYS 277 Linux Network Administration 3
- ISYS 307 Microsoft Network Administration 3
- ISYS 310 Novell Network Administration 3
- ISYS 316 Advanced Object-Oriented Programming 3
- ISYS 325 Networking Essentials 3
- ISYS 330 Systems Analysis & Design * W 3

Minimum credit hours required for A.A.S. degree 60-62

More Information
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College of Business