

# GRAPHIC DESIGN

## COMPUTER INFORMATION SYSTEMS

### Certificate of Proficiency

The certificate program in computer information systems is designed primarily for the student in the work environment seeking to become literate through a non-degree course of study in computer information systems.

The computer information curriculum focuses on general computer programming concepts/techniques, application packages, database (theory, design and application) and systems analysis. This curriculum has been designed to address needs in preparing the student for advancement in the work environment or to the next level of computer information systems study.

- 3 s.h. English I (ENGL 151)
- 3 s.h. A Survey of Mathematics (MATH 151) OR  
Finite Math (MATH 171) OR  
Introduction to Probability (MATH 181) OR higher<sup>1</sup>
- 3 s.h. Principles of Accounting (ACCT 161)
- 3 s.h. Intermediate Spreadsheet and Database (CSIT 126)
- 3 s.h. Introduction to Visual Basic (CSIT 160)
- 3 s.h. Advanced Visual Basic (CSIT 161)
- 3 s.h. Systems Analysis (CSIT 212)
- 3 s.h. Database Management (CSIT 213)
- 3 s.h. Database Applications with VBA (CSIT 153)
- 6 s.h. Computer Science Electives - CSIT 130 or higher
- 33 s.h.

### Total Credits 33

<sup>1</sup> MATH 265 Calculus I or higher required for students pursuing a Bachelor's degree