

1. The AAS degree provides career skills to enable students to enter the job market after graduation, retrain in a new career, or upgrade employment skills. Occupational courses are designed to meet these needs instead of transferring to four-year institutions; however, many four-year institutions accept some of these courses. Check with your college of transfer intent for more info.
2. Certificate programs offered in the occupational area are generally shorter in length. Students may wish to complete a Certificate first, and apply those same courses to the requirements for the AAS degree.
3. You must apply for graduation on the website or at Enrollment Services prior to your final semester.

This emphasis is designed to prepare students for employment in the computer information field with an emphasis in business, management and accounting skills.

**General Education Requirements – 15 credits**

ACC 121 Principles of Accounting I
CIS 110 Introduction to the PC
CIS 115 Intro to Computer Info Systems
BUS 217 Business Communication and Report Writing
MAT 121 College Algebra

**Degree Requirements – 12 credits**

CIS 128 Windows Complete
CIS 268 Systems Analysis and Design I
CNG 101 Introduction to Networking
CSC 116 Logic & Program Design

**Emphasis Requirements – 27 credits**

ACC 122 Principles of Accounting II
CIS 118 Introduction to PC Applications
CIS 161 Presentation Graphics I
CIS 218 Advanced PC Applications
CIS 162 Advanced Presentation Graphics
CIS 220 Fundamentals of Unix
CNG 130 PC Technology (Basic Hardware)
MAN 226 Principles of Management
MAN 241 Project Management
MAN 289 Management Information Systems

**Emphasis Electives – Choose a minimum of 7 credits**

CIS 124 Intro to Operating Systems (DOS & Windows)	3 cr.
CIS 129 Advanced Windows (Power Users)	3 cr.
CIS 232 Advanced Unix: Unix Shell Programming	3 cr.
CIS 263 PC Help Desk Skills	3 cr.
CNG 131 Network Security Fundamentals	3 cr.
CNG 132 Principles of Information Security	3 cr.
CNG160 Intro to Telecommunications	3 cr.
CNG 260 CISCO Network Associate I	5 cr.
CSC 154 Intro to MS Visual Basic.NET Program	3 cr.
CSC 160 Computer Science I (C++)	4 cr.
CSC 236 C# Programming	4 cr.
CSC 240 Java Programming	3 cr.
CWB 110 Complete Web Authoring (HTML)	3 cr.
CWB 130 Complete Web Editing Tools (FrontPage)	3 cr.
CWB 205 Complete Web Scripting	3 cr.
FVT 266 Flash	3 cr.
FVT 267 Dreamweaver	3 cr.

**AAS COMPUTER INFORMATION SYSTEMS,  
 Management Information Systems Emphasis,  
 Total 61 credits**