

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.
- 4.

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	4 cr.
	CIS 118 Introduction to PC Applications	3 cr. 1 cr.
	CIS 161 Presentation Graphics I	
	BUS 217 Business Communication and Report Writing	3 cr.
	MAT 121 College Algebra	4 cr.

Degree Requirements – 12 credits

	CIS 128 Windows Complete	3 cr.
	CIS 268 Systems Analysis and Design I	3 cr.
	CNG 101 Introduction to Networking	3 cr.
	CSC 116 Logic & Program Design	3 cr.

Emphasis Requirements – 27 credits

	ACC 122 Principles of Accounting II	4 cr.
	CIS 115 Intro to Computer Info Systems	3 cr.
	CIS 110 Introduction to the PC	1 cr.
	CIS 218 Advanced PC Applications	3 cr.
	CIS 162 Advanced Presentation Graphics	1 cr.
	CIS 220 Fundamentals of Unix	3 cr.
	CNG 130 PC Technology (Basic Hardware)	3 cr.
	MAN 226 Principles of Management	3 cr.
	MAN 242 Project Management Tools and Techniques	3 cr.
	MAN 289 Capstone: Management Information Systems	3 cr.

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.
	CSC 154 Intro to MS Visual Basic.NET Program	3 cr.
	CSC 160 Computer Science I (C++)	4 cr.
	CSC 225 Computer Architecture/ Assembly Language Programming	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 (Dreamweaver)	3 cr.
	CWB 205 Complete Web Scripting (Javascript)	3 cr.
	CWB 245 Complete Web Animation	3 cr.

_____ Total General Ed. Requirements – 15 credits

_____ Total Degree Requirements – 12 credits

_____ Total Emphasis Requirements – 27 credits

_____ Total Electives – 7 credits

_____ Total Required – 61 credits

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

For Further Information:

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