

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 program prepares student as entry-level computer specialists. Graduates can configure and repair personal computers and peripherals, install and use both operating systems and application software packages, and gain a basic understanding of networking concepts.

**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 – 20 credits**

CIS 118 Introduction to PC Applications
CIS 161 Presentation Graphics I
CIS 124 Intro to Operating Systems (DOS & Windows)
CIS 220 Fundamentals of Unix
CIS 263 PC Helpdesk Skills
CNG 121 Computer Technician I: A+
CNG 122 Computer Technician II: A+

**Emphasis Electives – Choose a minimum of 13 credits**

CIS 129 Advanced Windows (Power Users)	3 cr.
CIS 218 Advanced PC Applications (Office)	3 cr.
CIS 162 Advanced Presentation Graphics	1 cr.
CIS 222 Unix (Linux) System Administrator	3 cr.
CIS 232 Advanced Unix: Unix Shell Programming	3 cr.
CNG 131 Network Security Fundamentals	3 cr.
CNG 132 Principles of Information Security	3 cr.
CNG160 Intro to Telecommunications	3 cr.

**AAS COMPUTER INFORMATION SYSTEMS, IT Tech & Support Emphasis, Total 60 credits**

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**Recommended Progression:**
**1<sup>st</sup> semester**

CIS 128 PC Windows Complete	3 cr.
CIS 124 Intro to Operating Systems (DOS & Windows)	3 cr.
MAT 121 College Algebra	4 cr.
BUS 217 Business Communication and Report Writing	3 cr.

**Recommended Progression:**
**2<sup>nd</sup> semester**

ACC 121 Principles of Accounting I	4 cr.
CIS 110 Introduction to the PC	1 cr.
CIS 115 Introduction to Computer Info Systems	3 cr.
CIS 118 Introduction to PC Applications	3 cr.
CIS 161 Presentation Graphics I	1 cr.
CNG 130 PC Technology (highly recommended)	3 cr.

**Recommended Progression:**
**3<sup>rd</sup> semester**

CIS 220 Fundamentals of Unix	3 cr.
CSC 116 Logic & Program Design	3 cr.
CNG 121 Computer Technician I: A+	4 cr.
CNG 122 Computer Technician II: A+	4 cr.

**Recommended Progression:**
**4<sup>th</sup> semester**

CNG 101 Introduction to Networking	3 cr.
CIS 268 System Analysis and Design	3 cr.
Elective	
Elective	
Elective	