

# Information Technology – AAS – Computer Support Specialist Option (66-70 credits)

Available Completely Online

**Madisonville**

Advising Plan

2009  
-2010

Name \_\_\_\_\_ Empl ID# \_\_\_\_\_

## General Education Requirements

Course	Hrs	Grade	Semester
ENG 101 Writing I	3		
ENG 102 Writing II	3		
MT 150 College Algebra	3		
Science course with a Lab	3-4		
Oral Communications Course	3		
Social Interaction Course	3		
Heritage/Humanities Course	3		

**Subtotal Credits: 21-22 hours**

## Technical Core Courses

Course	Hrs	Grade	Semester
CIS 120 Program Design & Development	3		
CIS 130 Microcomputer Applications <b>or</b> ET 107 Computer Applications for Technicians	3 (4)		
IT 105 Computer Maintenance Essentials <b>and</b> IT 205 Advanced Computer Maintenance <b>or</b>	3 3		
ET 232 Computer Software Maintenance <b>and</b> ET 234 Computer Hardware Maintenance <b>or</b>	(3) (3)		
CIS 110 Operating Systems Concepts <b>and</b> ET 234 Computer Hardware Maintenance	(3) (3)		
Introductory Networking Course (Refer to list of approved courses)	3-4		
IT 170 Introduction to Database Design	3		
IT 132 Web Page Development <b>or</b> IT 130 Web Site Design and Production	3 (4)		
Beginning Level Programming Language (Refer to list of approved courses)	3		

**Subtotal Credits: 24-27 hours**

## Computer Support Specialist Courses

Course	Hrs	Grade	Semester
CIS 230 Advanced Microcomputer Application <b>or</b> OST 225 Introduction to Desktop Publishing	3 (3)		
IT 237 Help Desk Services Skills and Tools	3		
IT 210 Operating System Support	3		
IT 215 Application Support	3		
CIS 280 Internship <b>or</b> COE 199 Cooperative Education	3 (3)		
Technical Electives (Refer to list of approved electives for Computer Support Specialist Option)	6		

**Subtotal Credits: 21 hours**

**Program Coordinator: Chet Cunningham**  
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## IT – AAS – Computer Support Specialist Option (66-70 credits)

### Program Coordinator's Notes:

The Math sequence to College Algebra (MT 150) is the following: MT055 (*Pre-Algebra*) & MT050 (*Developmental Math Workshop*) → MT065 (*Basic Algebra*) → MT 120 (*Intermediate Algebra*) → MT 150 (*College Algebra*).

### **Introductory Networking Courses:**

NIS 246, NIS 247, NIS 248, NIS 213

### **Beginning Level Programming Language Courses:**

CIS 143, IT 147, CIS 148, CIS 149, CIS 155, CS 115, NIS 150, NIS 152

### **Intermediate Level Programming Language Courses:**

CIS 232, CIS 243, CIS 252, CIS 262, CIS 248, CIS 249, CIS 250, CIS 255, CS 215

### **Technical Electives for Computer Support Specialist Option:**

ACC 201, BA 287, BA 288, OST 275, IT 130, IT 230, IT 147, NIS 213, NIS 230, IT 235, CIS 230\*, OST 225\*, IT 180, Other Technical courses as Approved by Program Coordinator, Beginning Level Programming Course (*cannot be same course as taken in the technical core*), Intermediate Level Programming Language

*\*If not taken as technical core requirement in the Computer Support Specialist option*

### **Information Technology Program Course Sequence - Based on Prerequisites**

*Note: This is a suggestion and may not apply to every case. Individual sequences may differ. Talk to your advisor or the IT program coordinator for additional information. Students entering this program will need to have basic computer skills such as would be obtained through CIS 100 (Introduction to Computers) or equivalent.\* Underlined, italicized courses are only required for the Electronic Commerce option, but may be used as technical electives for other options.*

