

# Information Technology

Associate in Applied Science – Electronic Commerce Option

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		
PHY 152 Introduction to Physics AND PH 162 Intro to Physics Lab <b>OR</b> PH 171 Applied Physics <b>OR</b> PH 217 Applied Industrial Physics	4-5		
Oral Communications course	3		
Social Interaction course	3		
Heritage/Humanities course	3		

**SUBTOTAL CREDITS: 22-23 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		
CIS 110 Operating Systems Concepts <b>OR</b> ET 232 Computer Software Maintenance	3		
ET 234 Computer Hardware Maintenance	3		
NIS 160 Networking Core Technologies* <b>OR</b> IT 120 Cisco Internetworking I** <b>OR</b>	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 – <i>Refer to list of approved course on reverse side.</i>	3		

**SUBTOTAL CREDITS: 24-27 hours**

\* Recommended for *Microsoft* Networking Tracks

\*\* Recommended for *Cisco* Networking Tracks

## E-Commerce Courses

Course	Hrs	Grade	Semester
BA 160 Introduction to Business	3		
BA 282 Principles of Marketing	3		
ACC 201 Financial Accounting	3		
BA/CIS 151 Intro. to Electronic Commerce	3		
IT 130 Web Site Design & Production* <b>OR</b> IT 132 Web Page Development*	3-4		
IT 230 Advanced Web Page Development	3		
IT 235 Data-Driven Web Page Design	3		
IT 291 E-Commerce Practicum	3		

*\*Must take either IT 130 or IT 132 whichever course was not taken in the technical core.*

**SUBTOTAL CREDITS: 22-25 hours**

**E-COMMERCE OPTION TOTAL CREDITS: 68-75 hours**

**Program Coordinator: Chet Cunningham**

270-824-8699

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Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Advisor Signature \_\_\_\_\_ Date \_\_\_\_\_

Registrar Signature \_\_\_\_\_ Date \_\_\_\_\_

2006-2007

Madisonville Community College

[www.madisonville.kctcs.edu/socialsciences/programs/it/index.html](http://www.madisonville.kctcs.edu/socialsciences/programs/it/index.html)

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## SPECIAL NOTES:

### Different Levels of Programming Language Courses

#### **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, CS 215

#### **Advanced Level Programming Language Courses:**

CIS 258, CIS 259, CIS 260

### 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.

