

Information Technology – AAS – Web Development & Administration Option (70-74 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 <u>or</u>	3		
ET 107 Computer Applications for Technicians	(4)		
IT 105 Computer Maintenance Essentials <u>and</u>	3		
IT 205 Advanced Computer Maintenance <u>or</u>	3		
ET 232 Computer Software Maintenance <u>and</u>	(3)		
ET 234 Computer Hardware Maintenance <u>or</u>	(3)		
CIS 110 Operating Systems Concepts <u>and</u>	(3)		
ET 234 Computer Hardware Maintenance	(3)		
Introductory Networking Course (Refer to list of approved courses)	3-4		
IT 170 Introduction to Database Design	3		
IT 132 Web Page Development <u>or</u>	3		
IT 130 Web Site Design and Production	(4)		
Beginning Level Programming Language (Refer to list of approved courses)	3		

Subtotal Credits: 24-27 hours

Web Development & Administration Courses

Course	Hrs	Grade	Semester
CIS 248 Visual Basic II: Desktop Applications <u>or</u>	3		
CIS 249 Java Programming II	(3)		
NIS 150 Perl Programming <u>or</u>	3		
NIS 152 Introduction to Javascript	(3)		
NIS 275 Internet Servers Administration <u>or</u>	3		
NIS 213 Administering Microsoft Windows Server	(3)		
IT 130 Web Site Design and Production	4		
IT 230 Advanced Web Page Development	3		
IT 235 Data-driven Web Design	3		
IT 295 Web Development & Administration Practicum: Site Implementation	3		
Technical Elective (Refer to list of approved elective courses for Web Development & Administration Option)	3		

Subtotal Credits: 25 hours

Program Coordinator: Chet Cunningham
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IT – AAS – Web Development & Administration Option (70-74 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

Technical Electives for Web Development and Administration Option:

NIS 211, NIS 213, NIS 275, IT 147, NIS 246, NIS 240, NIS 236, IT 134, IT 270,

Beginning Level Programming Language – (*Must be different from technical core. Recommend CIS 148 Visual BASIC I or CIS 149 Java Programming I. Refer to approved list above.*)

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.*

