

Information Technology – AAS – Network Administration Option

Microsoft MCSA Track (63-70 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 or ET 107 Computer Applications for Technicians	3 (4)		
IT 105 Computer Maintenance Essentials and IT 205 Advanced Computer Maintenance or	3 3		
ET 232 Computer Software Maintenance and ET 234 Computer Hardware Maintenance or	(3) (3)		
CIS 110 Operating Systems Concepts and 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 or 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

Microsoft MCSA Track Courses

Course	Hrs	Grade	Semester
NIS 211 Administering Microsoft Windows Professional: Topic	3		
NIS 213 Administering Microsoft Windows Server: Topic	3		
NIS 214 Supporting Windows Network Infrastructure Topic:	3		
Take one of MCSA Track Electives (Refer to list of approved MCSA Track Elective courses)	3-6		
Technical Electives (Refer to list of approved technical electives for Network Administration Option)	6		

Subtotal Credits: 18-21 hours

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IT – AAS – Microsoft Administration Option – Microsoft MCSA Track (69-73 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

Electives for MCSA Track:

NIS 216, NIS 246, NIS 245, NIS 262, NIS 264, IT 210*, IT 215* (*Must be completed together to count as single elective)

Technical Electives for Network Administration Option:

COE 199, NIS 270, NIS 290, NIS 295, CIS 280, CMS 105, ET 102, ET 112 or ENGT 220 **and** ENGT 221, ET 256, NIS 246, NIS 247, IT 270, NIS 263, NIS 264, Other technical courses approved by the Program Coordinator, any course from another approved Networking Option Track Programming or Scripting Language (*must be different from technical core*)

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.*

