

**Associate of Applied Science
Information Technology
Cisco Network Administration Option**

Name _____
EmplID _____

General Education Requirements

| Course | Hrs | Grade |
|--|-----|-------|
| ENG 101 Writing I | 3 | |
| ENG 102 Writing II | 3 | |
| Behavioral/Social Science | 3 | |
| Heritage/Humanities | 3 | |
| Oral Communications (COM 181 <u>or</u> COM 252) | 3 | |
| MT 150 College Algebra | 3 | |
| PHY 152 Introduction to Physics AND PH 162 Intro to Physics Lab OR PH 171 Applied Physics OR PH 217 Applied Industrial Physics | 4-5 | |

SUBTOTAL CREDITS: 22-23 hours

Cisco Networking Courses

| Course | Hrs | Grade |
|---|-----|-------|
| IT 122 Cisco Internetworking II | 4 | |
| IT 220 Cisco Internetworking III | 4 | |
| IT 222 Cisco Internetworking IV | 4 | |
| NIS 213 Administering Microsoft Win Server OR NIS 230 UNIX Administration | 3 | |
| Technical Electives | 6 | |
| | | |

OPTION SUBTOTAL CREDITS: 21 hours

DEGREE TOTAL CREDITS: 67-71 hours

Technical Core Courses

| Course | Hrs | Grade |
|--|-----|-------|
| CIS 120 Program Design & Development | 3 | |
| CIS 130 Microcomputer Applications OR ET 107 Computer Applications for Technicians | 3 | |
| CIS 110 Operating Systems Concepts OR ET 232 Software Maintenance | 3 | |
| ET 234 Hardware Maintenance | 3 | |
| NIS 160 Networking Core Technologies OR IT 120 Cisco Internetworking I OR IT 124 Nortel Internetworking Fundamentals | 3-4 | |
| IT 170 Introduction to Database Design | 3 | |
| IT 132 Web Page Development OR IT 130 Web Site Design and Production | 3 | |
| Choose 3 hours from approved list of Beginning Level Programming Language courses | 3 | |

CORE SUBTOTAL CREDITS: 24-25 hours

Contact **Chet Cunningham**, Program Coordinator
for information on various IT certificates @ 270-824-8699

Student Signature _____ Date _____

Advisor Signature _____ Date _____

Registrar Signature _____ Date _____

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.

* Courses listed in blue are only required for the Electronic Commerce option, but may be used as technical electives for other options.

Students entering this program will need to have basic computer skills such as would be obtained through CIS 100 (Introduction to Computers) or equivalent.

