

## Computer Support Technology – AAS Program Number 118

Student Name: \_\_\_\_\_

Catalog Year: 2005-2006

Student ID Number: \_\_\_\_\_

### GENERAL EDUCATION CORE

| Course Number  | General Education Core   | Credits Required | Credits Earned | Planning |
|--|--|------------------|----------------|----------|
| ENGL 121   | College Composition I: Expository Writing                            | 3                |                |          |
| Arts & Humanities  | Arts & Humanities Core Course (Literature, Fine Arts, or Humanities) | 3                |                |          |
|  | SPCH 105 Fundamentals of Public Speaking                             | 3                |                |          |
| Social Sciences  | Social and Behavioral Sciences Core Course                           | 3                |                |          |
| Science  | Science Core Course (PHYS 107 recommended) (Must include lab)        | 4                |                |          |
| Mathematics  | MATH 121, 122, 124, 131 or higher                                    | 3-4              |                |          |
| CMSY 129   | Principles of Internet   | 3                |                |          |
| <b>Total Core Credits - minimum of 20 required for degree completion</b> |  |                  |                |          |

### REQUIRED COURSES RELATED TO MAJOR

| Course Number                  | Required Course  | Credits Required | Credits Earned | Planning |
|--------------------------------|--|------------------|----------------|----------|
| ACCT 111 <b>or</b><br>BMGT 100 | Principles of Accounting I <b>or</b> Introduction to Business & Organization           | 3                |                |          |
| CMSY 105                       | Personal Computer Systems Repair I   | 3                |                |          |
| CMSY 106                       | Personal Computer Systems Repair II  | 3                |                |          |
| CMSY 110 <b>or</b><br>CMSY 151 | Software Applications for Micros <b>or</b><br>Principles of Internet II (Professional) | 3                |                |          |
| CMSY 219                       | Microcomputer Operating Systems-DOS  | 3                |                |          |
| MSFT 299                       | Fundamentals and Practice for Network+ Certification                                   | 3                |                |          |
| MSFT 200*                      | Microsoft Windows 2000 Professional  | 3                |                |          |
| MSFT 205*                      | Microsoft Windows 2000 Server  | 3                |                |          |
| Electives                      | Additional courses in Program Concentration (Over)                                     | 15               |                |          |

\* Students who have significant experience with network administration may discuss with an advisor taking MSFT 206 in place of MSFT 200 and MSFT 205. They would need to take an additional course in the Major from the next page.

**Note 1:** Choose 15 credits from the following according to your career plans. You may choose from a specific concentration or from any of the following areas.

**Note 2:** Because this is a rapidly changing field Course Substitutions may be used to complete requirements with the permission of Division.

**COMPUTER SUPPORT TECHNOLOGY PROGRAM OPTIONS CONTINUED ON NEXT PAGE**

**(Over)**

**NOTES:**

Developmental Courses: \_\_\_\_\_

Advisor: \_\_\_\_\_ Date: \_\_\_\_\_ GPA: \_\_\_\_\_

**Microsoft Networking Support**

| Course Number | General Education Core  | Credits Required | Credits Earned | Planning |
|---------------|---|------------------|----------------|----------|
| CMSY 201      | Computer Systems Work Experience  | 3-4              |                |          |
| MSFT 210      | Administering Microsoft Windows 2000 Network Infrastructure                 | 3                |                |          |
| MSFT 215      | Administering Microsoft Windows 2000 Active Directory Services              | 3                |                |          |
| MSFT 230      | Designing a Microsoft Windows 2000 Active Directory Services Infrastructure | 3                |                |          |
| MSFT 235      | Designing a Secure Microsoft Windows 2000 Network                           | 3                |                |          |
| MSFT 240      | Designing a Microsoft Windows 2000 Network Infrastructure                   | 3                |                |          |
| MSFT 250      | Supporting and Migrating from Microsoft Windows NT 4.0 to Windows 2000      | 3                |                |          |
| MSFT 572      | Implementing and Managing Microsoft Exchange 2000                           | 3                |                |          |
| MSFT 862      | Administering a Microsoft SQL Server 2000 Database                          | 3                |                |          |
| MSFT 863      | Programming a Microsoft SQL Server 2000 Database                            | 3                |                |          |

**Help Desk Support and Application Development**

| Course Number | General Education Core                           | Credits Required | Credits Earned | Planning |
|---------------|--|------------------|----------------|----------|
| CMSY 121      | Structured Logic and Program Design              | 3                |                |          |
| CMSY 147      | Introduction to Web Site Authoring               | 3                |                |          |
| CMSY 178      | Introduction to Database Application Development | 3                |                |          |
| CMSY 181      | Introduction to C++ Programming                  | 4                |                |          |
| CMSY 190      | Introduction to Visual Basic.Net                 | 3                |                |          |
| CMSY 195      | Intermediate Visual Basic.Net                    | 3                |                |          |
| CMSY 199      | Introduction to Java                             | 3                |                |          |
| CMSY 201      | Computer Systems Work Experience                 | 3-4              |                |          |
| CMSY 250      | Systems Analysis and Design                      | 3                |                |          |
| CMSY 255      | Introduction to Unix                             | 3                |                |          |
| CMSY 256      | Linux Server Administration                      | 3                |                |          |
| CMSY 278      | Advanced Database Application Development        | 3                |                |          |

**Internetworking Support**

| Course Number | General Education Core                      | Credits Required | Credits Earned | Planning |
|---------------|---|------------------|----------------|----------|
| CMSY 201      | Computer System Work Experience             | 3-4              |                |          |
| ELEC 105      | Fundamentals of Electronics                 | 3                |                |          |
| ELEC 140      | Network Cabling Systems                     | 3                |                |          |
| CSCO 270      | Cisco Network Technology                    | 3                |                |          |
| CSCO 271      | Cisco Internetwork Technology               | 3                |                |          |
| CSCO 272      | Cisco LAN/WAN Technology                    | 3                |                |          |
| CSCO 650      | Building Scalable Cisco Networks            | 3                |                |          |
| CSCO 660      | Building Cisco Remote Access Networks       | 3                |                |          |
| CSCO 670      | Building Cisco Multilayer Switched Networks | 3                |                |          |
| CSCO 680      | Cisco Internetwork Troubleshooting          | 3                |                |          |