

## Computer Support Technology – AAS Program Number 118

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

GPA \_\_\_\_\_

Catalog Year 2008-2009

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

Advisor \_\_\_\_\_

Date \_\_\_\_\_

### 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 (Must include lab) (PHYS 107 recommended)	4		
Mathematics	MATH 121, 122, 131 or higher	3-4		
Interdisciplinary	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 <i>or</i> BMGT 100	Principles of Accounting I <i>or</i> Introduction to Business & Organization	3		
CMSY 105	Personal Computer Systems Repair I	3		
CMSY 106	Personal Computer Systems Repair II	3		
CMSY 110 <i>or</i> CMSY 151	Software Applications for Micros <i>or</i> Principles of Internet II (Professional)	3		
CMSY 219	Microcomputer Operating Systems-DOS	3		
MSFT 299	Fundamentals and Practice for Network+ Certification	3		
MSFT 272	Microsoft Windows XP Professional	3		
MSFT 273	Managing Microsoft Windows Server 2003	3		
Electives	Additional courses in Program Concentration (Over)	15		

**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 students should consult with their faculty advisor each semester for program updates.

### **COMPUTER SUPPORT TECHNOLOGY PROGRAM**

### **OPTIONS CONTINUED ON NEXT PAGE (Over)**

**NOTES:**

#### **Developmental Courses:**

__ ENGL-083/093	__ ENGL-086/096*	__ MATH-060	__ MATH-065
__ ENGL-084/094	__ ENGL-087/097	__ MATH-061	__ MATH-067
__ ENGL-085	__ FYEX-100 (co-requisite)	__ MATH-064	__ MATH-070

### Microsoft Networking Support

Course Number	General Education Core	Credits Required	Credits Earned	Planning
CMSY 201	Computer Systems Work Experience	3-4		
MSFT 277	Implementing Microsoft Windows Server 2003 Network Infrastructure	3		
MSFT 278	Planning Microsoft Windows Server 2003 Network Infrastructure	3		
MSFT 279	Microsoft Windows Server 2003 Active Directory Infrastructure	3		
MSFT 282	Designing Microsoft Windows 2003 Active Directory Infrastructure and Network Infrastructure	3		
MSFT 283	Designing Security for Microsoft Networks	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 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	Implementing Secure Converged Wide-Area Networks	3		
CSCO 670	Building Cisco Multilayer Switched Networks	3		
CSCO 680	Optimizing Converged Networks	3		
CSCO-695	Cisco Secure PIX Firewall Advanced Configuration	3		