



MONTANA STATE UNIVERSITY-BILLINGS

COMPUTER SYSTEMS TECHNOLOGY  
ASSOCIATE OF APPLIED SCIENCE

ADVISING WORKSHEET GENERAL BULLETIN 2007-2008

College of Technology  
Advising Center  
Phone: 406-247-3018/3020  
Fax: 406-652-1729

Name \_\_\_\_\_

Student ID # \_\_\_\_\_

This program begins in the fall semester.

Before a student can be accepted into the Computer Systems Technician program, competency in mathematics and computers must be demonstrated. This may be done by:

- Passing the Math and Computer Placement test
- Transfer of appropriate credits
- Current ACT/SAT scores in the required range
- Taking the necessary prerequisite English, math and/or computer classes identified

Course		Credits	Grade	Semester	Equivalent
<b>Preparatory Courses</b>					
CMP	105	Introduction to Computers and Applications	3		

**General Education Requirements**

COMT	109	Human Relations	3		
ENGL	145	Technical Communication	3		
MATH	122	College Mathematics for Technology	3		

**Required Courses**

CMP	119	Excel	3		
CST	160	Installing, Configuring and Administering Microsoft Windows XP Professional	3		
CST	162	Installing, Configuring and Administering Microsoft Windows Server 2003	3		
CST	168	Installing, Configuring, and Administering Linux	3		
CST	170	Introduction to Internetworking and Cabling (Cisco 1)	4		
CST	172	Introduction to IP Routing (Cisco 2)	4		
CST	174	Advanced Routing and Ethernet Switching (Cisco 3)	4		
CST	176	Wide Area Networking (Cisco 4)	4		
CST	182	Help Desk Support	3		
CST	250	Microcomputer Hardware Maintenance	3		

CST	260	Planning, Implementing, Managing and Maintaining a Microsoft Windows 2003 Server Network Infrastructure	3			
CST	270	Advanced Routing Configuration (Cisco 5)	4			
CST	272	Remote Access Networks (Cisco 6)	4			
CST	274	Multi-Layer Switching (Cisco 7)	4			
CST	276	Network Troubleshooting (Cisco 8)	4			
CST	288	Network Security	3			

**Restricted Electives – 3 credits required, chosen in consultation with an advisor**

CST	200	Cisco CCNA Exam Prep	1			
CST	254	Advanced Hardware Technical Support	4			
CST	263	Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure	3			
CST	268	Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure	3			
CST	277	Fundamentals of Wireless LANs	3			
CST	296	Cooperative Education/Internship	3			

**Electives**


**TOTAL MINIMUM CREDITS REQUIRED 68**

*A grade of "C" or higher is mandatory in all required courses.*

**Suggested Plan of Study**

First Semester	Credits	Second Semester	Credits
CST 160	3	CMP 119	3
CST 170	4	CST 162	3
CST 172	4	CST 174	4
CST 250	3	CST 176	4
MATH 122	3	ENGL 145	3
<b>TOTAL</b>	<b>17</b>	*CST 200	1 *optional
		<b>TOTAL</b>	<b>17-18</b>

Third Semester	Credits	Fourth Semester	Credits
CST 260	3	CST 274	4
CST 182	3	CST 276	4
CST 270	4	CST 168	3
CST 272	4	CST 288	3
COMT 109	3	Restricted Elective	3
<b>TOTAL</b>	<b>17</b>	<b>TOTAL</b>	<b>17</b>