



**MONTANA STATE UNIVERSITY BILLINGS**  
**COMPUTER SYSTEMS TECHNOLOGY**  
**ASSOCIATE OF APPLIED SCIENCE**

**ADVISING WORKSHEET 2014-2015**

*City College*  
*Jacket Student Central*  
*Phone: 406-247-3019*  
*Fax: 406-247-3095*

*Name* \_\_\_\_\_

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

**The required classes in this program begin 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>Recommended Preparatory Courses</b>						
CAPP	120	Introduction to Computers	3			

**Required Preparatory Courses**


**General Education Requirements**

COMX	106	Communicating in a Dynamic Workplace	3			
M	114	Extended Technical Mathematics	3			
WRIT	121	Intro to Technical Writing	3			

**Required Courses**

CAPP	156	MS Excel	3			
CSCI	181	Web Design & Programming	3			
ITS	161	MS Windows 7 Configuration	3			Substitute with ITS 163
ITS	162	Windows Srvr 08 Active Directory Config.	3			Substitute with ITS 170
ITS	182	Help Desk Support	3			
ITS	217	Network Operating System-Server Admin/Apps	3			
ITS	224	Introduction to Linux	3			
ITS	256	CCNA: Security	3			
ITS	260	CCNP : Routing	4			

ITS	264	CCNP 3: Switching	4			
ITS	266	CCNP: Troubleshooting	4			
ITS	280	Computer Repair & Maintenance	3			
NTS	104	CCNA 1: Intro to Networks	4			
NTS	105	CCNA 2: Routing and Switching Essentials	4			
NTS	204	CCNA 3: Scaling Networks	4			
NTS	205	CCNA 4: Connecting Networks	4			

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

CSCI	211	Client Slide Programming	3			
ITS	200	CCNA Exam Preparation	1			
ITS	274	Advanced Hardware/Software Troubleshooting and Support	4			
ITS	291	Special Topics	1			
ITS	298	Internship/Cooperative Education	3			

**Electives**


**TOTAL MINIMUM CREDITS REQUIRED 68**

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

**Suggested Plan of Study**

<b>First Semester</b>	<b>Credits</b>	<b>Second Semester</b>	<b>Credits</b>
NTS 104	4	CAPP 156	3
NTS 105	4	ITS 162	3
ITS 163	3	NTS 204	4
ITS 280	3	NTS 205	4
M 114	3	WRIT 121	3
<b>TOTAL</b>	<b>17</b>	<b>TOTAL</b>	<b>17</b>

<b>Third Semester</b>	<b>Credits</b>	<b>Fourth Semester</b>	<b>Credits</b>
ITS 182	3	CSCI 181	3
ITS 217	3	ITS 200	1 (recommended)
ITS 256	3	ITS 224	3
ITS 260	4	ITS 264	4
COMX 106	3	ITS 266	4
		Restricted elective	3
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>18</b>

Transcript evaluation (if applicable completed) by: \_\_\_\_\_ on \_\_\_\_\_

### Developing a Plan of Study

To facilitate course planning and scheduling, students should be aware that not all courses are offered every semester. Some courses require pre-requisites and preparatory courses to be successfully completed or co-requisites be taken simultaneously.

### Selected Courses and Prerequisites

Key: F= Fall; S=Spring; X=Summer; # = online

### Computer Systems Technology Associate of Applied Science Degree Program Requirements:

Course	Required Pre-requisite	Recommended Pre-requisite	Required Co-Requisite	Recommended Co-requisite	Term Offered
<b>Optional: CAPP 120</b>					F, F#, S, S#, X, X,#
<b>CAPP 156</b>	CAPP 120				F, F#, S, S#
<b>COMX 106</b>					F, F#, S, S#, X, X,#
<b>CSCI 181</b>	CAPP 120				F, S
<b>NTS 104</b>			NTS 105		F, S
<b>NTS 105</b>	NTS 104		NTS 104		F, S
<b>ITS 161</b>	CAPP 120				F
<b>ITS 162</b>	ITS 160				S
<b>ITS 182</b>					F
<b>ITS 217</b>	ITS 161, 162				F
<b>ITS 224</b>					F, S
<b>NTS 204</b>	NTS 105		NTS 205		S
<b>NTS 205</b>	NTS 204		NTS 204		S
<b>ITS 256</b>	NTS 205		ITS 260		F
<b>ITS 260</b>	NTS 205		ITS 256		F
<b>ITS 264</b>	NTS 205		ITS 266		S
<b>ITS 266</b>	ITS 260,262,264		ITS 264		S
<b>ITS 280</b>	CAPP 120				F
<b>M 114</b>	M095, M111, or appropriate placement	M111			F, F#, S, S#, X, X,#
<b>WRIT 121</b>	WRIT 095, WRIT 104, or appropriate placement, CAPP 120	WRIT 104			F, S, S#
<b>Restricted Elective</b> CSCI 210, ITS	May require CMP 135, ITS				F, F#, S, S# Note: All courses may

200, ITS 274, ITS 291, ITS 298	162, 242, or 280				not be available every semester.

### **Program Specific Information**

Students should know the following information:

- 1.) Many of the required courses are sequential in order and failure to pass one semester can impact the next.
- 2.) This is a program with few online options. Many courses are 4 or even 5 days per week.
- 3.) Students that earn an AAS degree and want to further their education thus career; are able to go on for a Bachelor of Applied Science degree through the university campus MSUB. Students can work to complete General Education requirements and take upper division credits in areas of study which will complement their AAS credits already earned. There are a variety of options and thematic concentrations for completing the BAS degree. Please consult with an advisor for more information.



MSUBILLINGS

City College

# 2014-2015 Computer Systems Technology AAS Plan of Study

for \_\_\_\_\_

Date: \_\_\_\_\_

Semester \_\_\_\_\_

Semester \_\_\_\_\_

Course	Credits	Course	Credits
<b>Total</b>		<b>Total</b>	

**Semester: Fall 2014**

**Semester: Spring 2015**

Course	Credits	Course	Credits
NTS 104	4	CAPP 156	3
NTS 105	4	ITS 170	3
ITS 163	3	NTS 204	4
ITS 280	3	NTS 205	4
Gen Ed:	3	Gen Ed:	3
<b>Total</b>		<b>Total</b>	

**Semester: Fall 2015**

**Semester: Spring 2016**

Course	Credits	Course	Credits
ITS 182	3	CSCI 181	3
ITS 217	3	ITS 224	3
ITS 256	4	ITS 200 (recommended)	1
ITS 260	4	ITS 264	4
Gen Ed:	3	ITS 266	4
		Restricted Elective	3
<b>Total</b>		<b>Total</b>	

Number of earned credits that apply toward degree: \_\_\_\_\_

Number of credits left to earn for degree: \_\_\_\_\_

**CERTIFICATION:** The courses listed are **required** for the student's degree.

Advisor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Student's Signature: \_\_\_\_\_

Date: \_\_\_\_\_