



MONTANA STATE UNIVERSITY BILLINGS

NETWORKING TECHNOLOGY
CERTIFICATE 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 being accepted into the Networking Technology program, competency in computers must be demonstrated. This may be done by:

- Transfer of appropriate credits
- Computer literacy challenge test
- Permission of CST faculty
- Taking prerequisite course (CAPP 120)

Students are encouraged to take the industry certifications tests for Cisco and MCSE.

Course	Credits	Grade	Semester	Equivalent
Recommended Preparatory Courses				
CAPP 120 Introduction to Computers	3			

Required Preparatory Courses

General Education Requirements

COMX 106	Communicating in a Dynamic Workplace	3			
M 111	Technical Mathematics	3			
WRIT 104	Workplace Communications	3			

Required Courses

CAPP 156	MS Excel	3			
ITS 161	MS Windows 7 Configuration	3			Substitute with ITS 163
ITS 162	Windows Server 08 Active Directory Configuration	3			Substitute with ITS 170
NTS 104	CCNA 1: Intro to Networks	4			
NTS 105	CCNA 2: Routing & Switching Essentials	4			
NTS 204	CCNA 3: Scaling Networks	4			
NTS 205	CCNA 4: Connecting Networks	4			

Electives

TOTAL MINIMUM CREDITS REQUIRED 34

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

Suggested Plan of Study

First Semester	Credits	Second Semester	Credits
WRIT 104	3	ITS 162	3
ITS 161	3	NTS 204 (Cisco 3)	4
NTS 104 (Cisco 1)	4	NTS 205 (Cisco 4)	4
NTS 105 (Cisco 2)	4	COMX 106	3
M 111	3	CAPP 156	3
TOTAL	17	TOTAL	17

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

Networking Technology Certificate of Applied Science Degree Program Requirements:

Course	Required Pre-requisite	Recommended Pre-requisite	Required Co-Requisite	Recommended Co-requisite	Term Offered
Recommended: CAPP 120					F, F#, S, S#, X, X#
CAPP 156					F, F#, S, S#, X#
COMX 106					F, F#, S, S#, X, X#
NTS 104	CAPP 120		NTS 105		F, S
NTS 105	NTS 104		NTS 104		F, S
ITS 161	CAPP 120				F
ITS 162	ITS 160				S
NTS 204	NTS 105		NTS 205		S
NTS 205	NTS 204		NTS 204		S
M 111	M 065 or appropriate placement score				F, S, X
WRIT 104					F, S

Program Specific Information

Students should know the following information:

- 1.) This program is based on completing the previous semester. Cisco 1 and 2 must be completed before taking Cisco 3 and 4. 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.) If a student is particularly interested in the technical coursework then the Computer Systems Technology degree is the better option.
- 4.) If a student is interested in some technical work but is ultimately looking at transferring to a 4 year degree then the Networking Technology AS could be the better option.
- 5.) Students can earn the certificate and continue on to either the AAS or AS options. The first 2 semesters could look the same for the certificate, AAS and AS options.
- 6.) The ITS or Cisco courses tend to fill up quickly so it is important to register early.



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City College

2014-2015 Networking Technology CAS Plan of Study

for _____

Date: _____

Semester _____

Semester _____

Course	Credits	Course	Credits
Total		Total	

Semester _____

Semester _____

Course	Credits	Course	Credits
NTS 104	4	CAPP 156	3
NTS 105	4	ITS 170	3
ITS 163	3	NTS 204	4
Gen Ed:	3	NTS 205	4
Gen Ed:	3	Gen Ed:	3
Total		Total	

Notes:

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: _____