



COMPUTER PROGRAMMING and APPLICATION DEVELOPMENT
ASSOCIATE OF APPLIED SCIENCE

ADVISING WORKSHEET 2019-2020

Jacket Student Central
Phone: 406-247-3019
FAX: 406-247-3095

Name _____

Student ID _____

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 143 Finite Mathematics	4			
WRIT 121 Intro to Technical Writing	3			

Required Courses

CAPP 156 MS Excel	3			
CAPP 158 MS Access	3			
CSCI 111B Programming with Java I	4			
CSCI 113 Programming with C++I	3			
CSCI 114 Programming with C#	3			
CSCI 116 Introduction to Python Programming	3			
CSCI 121 Programming with Java II	4			
CSCI 124 Advanced C#/.NET	3			
CSCI 181 Web Design & Programming	3			
CSCI 211 Client Side Programming	3			
CSCI 214 Server-side Web Programming & Administration	3			
CSCI 223 Software Development	3			
CSCI 240 Databases and SQL	3			

CSCI	299	Thesis/Capstone	3			
ITS	166	MS Windows 10 Configuration	3			
ITS	212	Network Operating System-Server Admin	3			
ITS	224	Introduction to Linux	3			
NTS	104	CCNA 1: Intro to Networks	4			

Restricted Elective – 3 credits required, chosen in consultation with program advisor

Restricted Electives to choose from:

CSCI 241	PL/SQL.....	3
CSCI 298	Technical Support Internship.....	3

TOTAL MINIMUM CREDITS REQUIRED 70

A grade of "C" (2.0) or higher is mandatory in all courses

Suggested Plan of Study

First Semester	Credits	Second Semester	Credits
CAPP 156	3	CAPP 158	3
CSCI 114	3	COMX 106	3
CSCI 116	3	CSCI 124	3
CSCI 181	3	CSCI 211	3
ITS 166	3	ITS 212	3
WRIT 121	3	ITS 224	3
TOTAL	18	TOTAL	18

Third Semester	Credits	Fourth Semester	Credits
CSCI 111B	4	CSCI 113	3
CSCI 121	4	CSCI 214	3
CSCI 223	3	CSCI 299	3
CSCI 240	3	NTS 104	4
M 143	4	Restricted Elective	3
TOTAL	18	TOTAL	16

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.

Program Specific Information

Students should know the following information:

- 1) Computer Programming and Application Development is a fall start program. Please see an advisor for more information.
- 2) This program is difficult to do part time as classes from the previous semester are preparatory to the next semester.
- 3) Courses in this program are frequently in the late afternoon or early evening.
- 4) The Restricted Elective must be chosen in consultation with a program advisor.
- 5) 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 MSUB. There are a variety of thematic concentrations for completing the BAS degree. Please consult with an advisor for more information.



2019-2020 Computer Programming & Application Development AAS Plan of Study

Name _____

Student ID _____

Semester _____

Semester _____

Course	Credits	Course	Credits
Total		Total	

Fall _____

Spring _____

Course	Credits	Course	Credits
CAPP 156	3	CAPP 158	3
CSCI 114	3	CSCI 124	3
CSCI 116	3	CSCI 211	3
CSCI 181	3	ITS 212	3
ITS 166	3	ITS 224	3
WRIT 121	3	COMX 106	3
Total		Total	

Fall _____

Spring _____

Course	Credits	Course	Credits
CSCI 111B	4	CSCI 113	3
CSCI 121	4	CSCI 214	3
CSCI 223	3	CSCI 299	3
CSCI 240	3	NTS 104	4
M 143	4	Restricted Elective	3
Total		Total	

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: _____