



**COMPUTER PROGRAMMING and
APPLICATION DEVELOPMENT
ASSOCIATE OF APPLIED SCIENCE**

ADVISING WORKSHEET 2020-2021

Name _____

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

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	100	Introduction to Programming	3			
CSCI	111B	Programming with Java 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	258	Web Application Development	3			
CSCI	299	Thesis/Capstone	4			
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			

TOTAL MINIMUM CREDITS REQUIRED 69
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	COMX 106	3
CSCI 100	3	CSCI 116	3
CSCI 240	3	CSCI 211	3
CSCI 181	3	CSCI 214	3
ITS 166	3	ITS 212	3
WRIT 121	3	ITS 224	3
TOTAL	18	TOTAL	18

Third Semester	Credits	Fourth Semester	Credits
CAPP 158	3	CSCI 121	3
CSCI 111B	3	CSCI 124	3
CSCI 114	3	CSCI 258	3
CSCI 223	3	CSCI 299	4
M 143	4	NTS 104	4
TOTAL	16	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.

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) 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.



2020-2021 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	COMX 106	3
CSCI 100	3	CSCI 116	3
CSCI 181	3	CSCI 211	3
CSCI 240	3	CSCI 214	3
ITS 166	3	ITS 212	3
WRIT 121	3	ITS 224	3
Total		Total	

Fall _____

Spring _____

Course	Credits	Course	Credits
CAPP 158	3	CSCI 121	3
CSCI 111B	3	CSCI 124	3
CSCI 114	3	CSCI 258	3
CSCI 223	3	CSCI 299	4
M 143	4	NTS 104	4
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: _____