



**AUTOMOTIVE TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE**

ADVISING WORKSHEET 2024-2025

TRANSFER INSTITUTION(S):

Name _____

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

Student ID _____

Course	Credits	Grade	Semester	Equivalent
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Recommended Preparatory Courses

Required Preparatory Courses

General Education Requirements

CAPP	120	Introduction to Computers	3			
COMX	106	Communicating in a Dynamic Workplace	3			
WRIT	122	Intro to Business Writing or	3			
WRIT	121	Intro to Technical Writing				
M	114	Extended Technical Mathematics	3			

Required Courses

AST	106	Auto Manual Drive Train/Axles	2			
AST	107	Auto Manual Drive Train/Axles Lab	2			
AST	114	Automotive Brakes	2			
AST	115	Automotive Brakes Lab	2			
AST	162	Automotive Engine Diagnostics	3			
AST	163	Auto Engine Diagnostics Lab	3			
AST	175	Engine Rebuild Lab	5			
AST	220	Auto Steering and Suspension	2			
AST	221	Auto Steering and Suspension Lab	2			
AST	230	Electrical/Electronics System II	2			

AST	231	Electrical/Electronics Systems II Lab	2			
AST	260	Advanced Auto Diagnostics	3			
AST	261	Advanced Auto Diagnostics Lab	3			
AST	270	Auto Transmission and Transaxle	3			
AST	271	Auto Transmission and Transaxle Lab	3			
AST	285	ASE Exam Prep: Section One	1			
AST	280	Applied Lab Exp/Light Repair or	4			
AST	298	Automotive Internship				
TRID	150	Environmental and Shop Practices	2			
TRID	151	Welding	2			
TRID	152	Vehicle Heating, Ventilation & Air Conditioning	3			
TRID	170	Engine Theory	4			
TRID	181	Transportation Electrical Systems	2			
TRID	182	Transportation Electrical Systems Lab	2			

Electives

TOTAL MINIMUM CREDITS REQUIRED 71
A grade of "C" (2.0) or higher is mandatory in all courses

Suggested Plan of Study

First Semester	Credits	Second Semester	Credits
AST 106	2	AST 114	2
AST 107	2	AST 115	2
M 114	3	AST 175	5
TRID 150	2	AST 162	3
TRID 170	4	AST 163	3
TRID 181	2	WRIT 121 or 122	3
TRID 182	2	TOTAL	18
TOTAL	17		

Third Semester	Credits	Fourth Semester	Credits
AST 285	1	AST 260	3
AST 220	2	AST 261	3
AST 221	2	AST 280 or 298	4
AST 230	2	AST 270	3
AST 231	2	AST 271	3
CAPP 120	3	TRID 151	2
COMX 106	3	TOTAL	18
TRID 152	3		
TOTAL	18		

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.) The program required courses are a fall start. This program is generally an all-day, Monday through Friday program.
- 2.) Students must complete the AST courses in one semester to continue to the AST courses in the next semester.
- 3.) It is recommended that students take all of their courses in a block. This program is not conducive to part time attendance.
- 4.) Students can earn the certificate and continue on to the AAS degree option.
- 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.
- 6.) A required tool list can be found online or in Jacket Student Central.