



**AUTOMOTIVE TECHNOLOGY
CERTIFICATE OF APPLIED SCIENCE**

ADVISING WORKSHEET 2024-2025

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

Name _____

Student ID _____

Course	Credits	Grade	Semester	Equivalent
--------	---------	-------	----------	------------

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

AST	106	Auto Manual Drive Train/Axles	2		
AST	107	Auto Man 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 Diagnosis Lab	3		
AST	175	Engine Rebuild Lab	5		
TRID	170	Engine Theory	4		
TRID	181	Transportation Electrical Systems	2		
TRID	182	Transportation Electrical Systems Lab	2		

Optional courses

CAPP	120	Introduction to Computers	3		
TRID	150	Environmental and Shop Practices	2		

TOTAL MINIMUM CREDITS REQUIRED 36

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
COMX 106	3	AST 175	5
M 111	3	AST 162	3
TRID 170	4	AST 163	3
TRID 181	2	WRIT 104	3
TRID 182	2	TOTAL	18
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 required courses are a fall start for this program. The program is generally an all-day program every day.
- 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 the University campus, 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.