



**AUTOMOTIVE TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE**

ADVISING WORKSHEET 2023-2024

TRANSFER INSTITUTION(S):

Name _____

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

Student ID _____

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

Recommended Preparatory Courses

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Required Preparatory Courses

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General Education Requirements

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|------|-----|--------------------------------------|---|--|--|--|
| 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 | | | |

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|------|-----|---|---|--|--|--|
| 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

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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.