



**AUTOMOTIVE TECHNOLOGY  
CERTIFICATE OF APPLIED SCIENCE**

TRANSFER INSTITUTION(S):

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\_\_\_\_\_

\_\_\_\_\_

**ADVISING WORKSHEET 2020-2021**

Name \_\_\_\_\_

Student ID \_\_\_\_\_

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

Course	Credits	Grade	Semester	Equivalent
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**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	<b>TOTAL</b>	<b>18</b>
<b>TOTAL</b>	<b>18</b>		

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.



## 2020-2021 Automotive Technology CAS Plan of Study

Name \_\_\_\_\_

Student ID \_\_\_\_\_

Semester \_\_\_\_\_

Semester \_\_\_\_\_

Course	Credits	Course	Credits
<b>Total</b>		<b>Total</b>	

Fall \_\_\_\_\_

Spring \_\_\_\_\_

Course	Credits	Course	Credits
AST 106	2	AST 114	2
AST 107	2	AST 115	2
TRID 170	4	AST 175	5
TRID 181	2	AST 162	3
TRID 182	2	AST 163	3
Gen Ed:	3	Gen Ed:	3
Gen Ed:	3		
<b>Total</b>		<b>Total</b>	

Number of earned credits that apply toward certificate: \_\_\_\_\_

Number of credits left to earn for certificate: \_\_\_\_\_

**CERTIFICATION:** The courses listed are **required** for the student's certificate.

Advisor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Student's Signature: \_\_\_\_\_ Date: \_\_\_\_\_