



**DIESEL TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE**

TRANSFER INSTITUTION(S):

ADVISING WORKSHEET 2023-2024

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

Name _____

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 | | | |
| M | 114 | Extended Technical Mathematics | 3 | | | |
| WRIT | 122 | Intro to Business Writing or | 3 | | | |
| WRIT | 121 | Intro to Technical Writing | | | | |

Required Courses

| | | | | | | |
|-----|-----|--|---|--|--|--|
| AST | 230 | Elec/Electrnics Sys II | 2 | | | |
| DST | 101 | Power Trains | 3 | | | |
| DST | 117 | Introduction to Diesel Fuel Systems | 4 | | | |
| DST | 132 | Diesel Engine Overhaul | 6 | | | |
| DST | 140 | Introduction to Hydraulics | 2 | | | |
| DST | 141 | Introduction to Hydraulics Lab | 2 | | | |
| DST | 155 | Advanced Hydraulics and Pneumatics | 4 | | | |
| DST | 202 | Advanced Power Trains | 2 | | | |
| DST | 212 | Diesel Electric & Electronic | 2 | | | |
| DST | 250 | Heavy Duty Chassis | 5 | | | |
| DST | 258 | Applied Diesel Service or Cooperative | 2 | | | |
| DST | 298 | Internship/Cooperative Education | | | | |

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|------|-----|--|---|--|--|--|
| DST | 277 | Advanced Fuel Systems/Diesel Engine Controls | 6 | | | |
| TRID | 150 | Environmental and Shop Practices | 2 | | | |
| TRID | 151 | Welding | 2 | | | |
| TRID | 152 | Vehicle Heating, Ventilation, and Air Conditioning | 3 | | | |
| TRID | 170 | Engine Theory | 4 | | | |
| TRID | 181 | Transportation Electrical Systems | 2 | | | |
| TRID | 182 | Transportation Electrical Systems Lab | 2 | | | |

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 |
|-----------------------|----------------|------------------------|----------------|
| COMX 106 | 3 | DST 101 | 3 |
| DST 140 | 2 | DST 117 | 4 |
| DST 141 | 2 | DST 250 | 5 |
| TRID 150 | 2 | M 114 | 3 |
| TRID 170 | 4 | WRIT 121 or 122 | <u>3</u> |
| TRID 181 | 2 | TOTAL | 18 |
| TRID 182 | <u>2</u> | | |
| TOTAL | 17 | | |

| Third Semester | Credits | Fourth Semester | Credits |
|-----------------------|----------------|------------------------|----------------|
| AST 230 | 2 | DST 155 | 4 |
| CAPP 120 | 3 | DST 277 | 6 |
| DST 132 | 6 | DST 258 or 298 | 4 |
| DST 202 | 2 | TRID 152 | <u>3</u> |
| DST 212 | 2 | TOTAL | 17 |
| TRID 151 | <u>2</u> | | |
| 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:

- This is a fall start program. This program is generally an all-day program.
- Students must complete the DST courses in one semester to continue to the DST courses in the next semester.
- It is recommended that students take all of their courses in a block. This program is not conducive to part time attendance.
- There is also Diesel Technology certificate option.
- 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.
- Tools will be needed to participate in the core program. A tool list can be picked up at Jacket Student Central or online.