



# MONTANA STATE UNIVERSITY BILLINGS

## DIESEL TECHNOLOGY CERTIFICATE OF APPLIED SCIENCE

### ADVISING WORKSHEET 2014-2015

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

Name \_\_\_\_\_

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

The required courses for this program begin in the fall semester.

Course	Credits	Grade	Semester	Equivalent
<b>Required Preparatory Courses</b>				

#### General Education Requirements

COMX	106	Communicating in a Dynamic Workplace	3			
M	111	Technical Mathematics	3			
WRIT	104	Workplace Communication	3			

#### Required Courses

DST	101	Power Trains	2			
DST	117	Introduction to Diesel Fuel Systems	4			
DST	140	Introduction to Hydraulics	2			
DST	141	Introduction to Hydraulics Lab	2			
DST	250	Heavy Duty Chassis	6			
TRID	150	Environmental and Shop Practices	2			
TRID	170	Engine Theory	4			
TRID	180	Electrical Systems	4			

**TOTAL MINIMUM CREDITS REQUIRED 35**

*A grade of "C" or higher is mandatory in all required courses.*

#### Suggested Plan of Study

First Semester	Credits	Second Semester	Credits
DST 140	2	DST 117	4
DST 141	2	DST 250	6
TRID 150	2	DST 101	2
TRID 170	4	M 111	3
TRID 180	4	WRIT 104	3
COMX 106	3	<b>TOTAL</b>	<b>18</b>
<b>TOTAL</b>	<b>17</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.

### Selected Courses and Prerequisites

Key: F= Fall; S=Spring; X=Summer; # = online

### Diesel Technology Certificate of Applied Science Program Requirements:

Course	Required Pre-requisite	Recommended Pre-requisite	Required Co-Requisite	Recommended Co-requisite	Term Offered
COMX 106					F, F#, S, S#, X, X#
DST 101					S
DST 117	DST 140,141				S
DST 140			DST 141		F
DST 141			DST 140		F
DST 250	DST 140, 141, TRID 150				S
M111	M 065 or appropriate placement				F, S, X
TRID 150					F, S
TRID 170	Eligible to enter WRIT 104 and a Reading compass of 72 or higher				F
TRID 180	M065 or appropriate placement scores	M 111			F, S
WRIT 104					F, S

### Program Specific Information

Students should know the following information:

- 1.) This is a fall start program. This program is generally an all-day program.
- 2.) Students must complete the DST courses in one semester to continue to the DST 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.) The Bachelor of Applied Science (BAS) degree is available to students with an Associate of Applied Science (AAS) degree. Students may enroll on the main campus of MSU Billings and take upper division credits in existing areas of study which will complement the student's AAS credits already earned. The transferability of the AAS courses will be determined course by course. Students anticipating transferring are encouraged to consult with their advisor.
- 6.) Students that test into the higher level math and writing are encouraged to take the higher course. A substitution will be made for the lower level course.
- 7.) Tools will be needed in the core DST courses. A tool list can be picked up at Jacket Student Central or online.



MSUBILLINGS

City College

## 2014-2015 Diesel Technology CAS Plan of Study

for \_\_\_\_\_

Date: \_\_\_\_\_

Semester (\_\_\_\_\_)

Semester (\_\_\_\_\_)

Course	Credits	Course	Credits
Total		Total	

Semester (\_\_\_\_\_)

Semester (\_\_\_\_\_)

Course	Credits	Course	Credits
DST 140	2	DST 117	4
DST 141	2	DST 250	6
TRID 150	2	DST 101	2
TRID 170	4	Gen Ed:	3
TRID 180	4	Gen Ed:	3
Gen Ed:	3		
Total		Total	

### NOTES:

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

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

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

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

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