

PROGRAM PLANNING FORM 2017-2018

PROGRAM NAME: Diesel Mechanics
Credits Required for Graduation: A.A.S. Degree - 72 Credits

Student: _____
Date: _____
Revised: 3/21/2016

FIRST YEAR

COURSE #	COURSE TITLE	CREDITS #(Lec/Lab)	SEMESTER	GRADE
<u>FALL SEMESTER</u>				
DSL1501	General Shop Practices I	1 cr 1/0	_____	_____
DSL1560	Heavy Equipment Air Conditioning (Second 1/2 of Semester)	1 cr 0/1	_____	_____
DSL1510	Basic Diesel Engines	4 cr 1/3	_____	_____
DSL1535	Electronics / Electrical Systems	6 cr 3/3	_____	_____
SPCH1040	Introduction to Communications	3 cr 3/0	_____	_____
* General Education Credits		3 cr	_____	_____
		<u>18 credits</u>		

SPRING SEMESTER

DSL1502	Diesel Systems and Troubleshooting	3 cr 2/1	_____	_____
DSL1525	Mobile and Heavy Equipment Inspection	1 cr .5/.5	_____	_____
DSL1529	Diesel Fuel Systems	3 cr 0/3	_____	_____
DSL1526	Cummins and Caterpillar Overhaul	4 cr 1/3	_____	_____
DSL1530	Heavy Equipment Hydraulics	3 cr 2/1	_____	_____
* General Education Credits		3 cr	_____	_____
		<u>17 credits</u>		

SECOND YEAR

COURSE #	COURSE TITLE	CREDITS #(Lec/Lab)	SEMESTER	GRADE
<u>FALL SEMESTER</u>				
DSL2500	General Shop Practices 2	1 cr 0/1	_____	_____
DSL2515	Mach Tool Technology	3 cr 1/2	_____	_____
DSL2524	Power Shift Transmissions & Torque Converters	3 cr 1/2	_____	_____
DSL2540	Standard Transmissions/Clutches	4 cr 2/2	_____	_____
DSL2547	Customer Repair	3 cr 0/3	_____	_____
EMPL2515	Employment Skills	1 cr 0/1	_____	_____
General Education Credits from MNTC Goal 5 - History/Social/Behavioral/Sciences		3 cr	_____	_____
		<u>18 credits</u>		

SPRING SEMESTER

DSL2531	Heavy Duty Air Brakes	5 cr 3/2	_____	_____
DSL2535	Undercarriage	1 cr 1/0	_____	_____
DSL2543	Differentials	3 cr 2/1	_____	_____
DSL2545	Steering/Alignment & Tires	2 cr 1/1	_____	_____
DSL2550	Customer Repair	5 cr 0/5	_____	_____
* General Education Credits		3 cr	_____	_____
		<u>19 credits</u>		

Hibbing Community College requires all Diesel students to pass a pre-enrollment drug test.
 All Tests will be screened through a facility designated by Hibbing Community College.

* 9 of the required 15 General Education Credits must be selected from any of the following MNTC Areas:
 Goal 3: Natural Sciences; Goal 4: Math/Logical Reasoning; and/or Goal 6: Humanities and Fine Arts

**** - Electives:**

CDL1500	Commercial Driver License (Elective) **	4 cr 4/0	_____	_____
CDL1515	Behind the Wheel Training (Elective) **	2 cr 0/2	_____	_____
CDL1540	CDL Pre-Trip (Elective) **	1 cr 1/0	_____	_____
** Note: All three electives will be taken in the same semester, and if not, only with instructor pre-approval.				
DSL1527	Welding for Diesel Mechanics	2 cr 0/2	_____	_____