

Plan of Study

Name of Program: Diesel Technology
 Program Liaison: Jason McPheron
 Location: Somerset Community College

Credential: Diploma
Medium and Heavy Truck Technician

STUDENT NAME: _____

Student ID Number _____

Required		Credit hours
<input type="checkbox"/>	Computer Literacy	3
<input type="checkbox"/>	Area 1 course	3
<input type="checkbox"/>	Area 2 course	3
<input type="checkbox"/>	Behavioral/Social Science course	3
<input type="checkbox"/>	Technical Courses	46
<input type="checkbox"/>	Student must have Compass Entry Level scores of :	
<input type="checkbox"/>	Math 29; Reading 69; Writing 47 or achieve these levels	
<input type="checkbox"/>	With Transitional Classes before being awarded the Credential	
<input type="checkbox"/>	(transitional classes if needed will add credits, do not count for the credential)	
	Total Credits	52-55 Credits

Special Notes:*** Classes in Italics with an *** before it are pick and choose classes. The student may choose which semester he wishes to take the classes. Transitional classes must be taken in first semesters.

First Semester <u>ONLY</u> for Perkins students needing <i>all</i> Transitional classes		Credit Hours
##@@	DIT 103	Preventive Maintenance (PERMISSION OF INSTRUTOR (2)
		ALLOWED) This class is for <u>ONLY</u> these students
		This is to meet Perkins requirements CAN OVERRIDE
<input type="checkbox"/>	GEN 102	Introduction to College (3)
***	<i>ENC 90/91</i>	<i>Transitional Writing</i> (3)
***	<i>RDG 20/30</i>	<i>Reading</i> (3)
***	<i>MTH 55/65</i>	<i>Transitional Math</i> (3)
<input type="checkbox"/>		Total (2) (Toward Degree)

##@@ Student will not need to take this class later. This is only offered for these students.

Any Semester (Prefer first semester)			Credit hours
		(transitional class if needed)	
<input type="checkbox"/>	ADX170	Climate Control (and)	3
<input type="checkbox"/>	ADX171	Climate Control Lab	1
	ADX 120	Basic Automotive Electricity (and)	(3)
	ADX121	Basic Automotive Electricity Lab (OR)	(2)
<input type="checkbox"/>	BEX 100	Basic Electricity (and)	3
<input type="checkbox"/>	BEX 101	Basic Electricity Lab	2
<input type="checkbox"/>	DIT 190	Electrical Systems for Diesel Equipment (and)	3
<input type="checkbox"/>	DIT 191	Electrical Systems for Diesel Equipment Lab (or)	2
<input type="checkbox"/>	ADX 260	Automotive Electrical Systems (and)	(3)
<input type="checkbox"/>	ADX 261	Automotive Electrical Systems Lab	(2)
	DIT 103	Preventive Maintenance	2
		Total	16

Spring Semester (Only time offered)			Credit hours
	DIT 110	Introduction to Diesel Engines (and)	3
	DIT111	Introduction to Diesel Engines Lab (or)	2
	ADX 150	Automotive Engine Repair (and)	(3)
	ADX 151	Automotive Engine Repair Lab	(2)
	DIT 112	Diesel Engine Repair	3
	DIT113	Diesel Engine Repair Lab	2
***	<i>MT 116</i>	<i>Technical Mathematics (or)</i>	3
***	<i>xxx</i>	<i>Area 2 class</i>	(3)
		(transitional class if needed)	
		Total	13

Fall Semester (Only time offered)			Credit hours
		(transitional class if needed)	
	DIT 180	Brakes	3
	DIT 181	Brakes Lab	2
	DIT 150	Powertrains	3
	DIT 151	Powertrains Lab	2
	DIT 160	Steering and Suspension	3
	DIT 161	Steering and Suspension Lab	2
		Total	15

Any Semester (prefer last) (Coop and/ or Practicum last only)			Credit Hours
<input type="checkbox"/>	DIT 140	Hydraulics	3
<input type="checkbox"/>	DIT 141	Hydraulics Lab (or)	2
<input type="checkbox"/>	FPX 100	Fluid Power (and)	(3)
<input type="checkbox"/>	FPX101	Fluid Power Lab	(2)
***	CIT105	Computer Literacy (or test out)	3
***	<i>Eng 101</i>	<i>English Writing (or)</i>	3
***	<i>xxxx</i>	<i>Area 1 class</i>	(3)
		(transitional class if needed)	
##	DIT 198	Diesel Practicum <i>this is OPTIONAL but Recommended</i> (or)	(1)
## <input type="checkbox"/>	DIT199	Diesel Coop <i>this is OPTIONAL but Recommended</i> elective	(1)
<input type="checkbox"/>		Total	11 (12 optional)

52-55 Credits Required

Classes at discretion of Instructor are Last Semester Only Unless Permission of Instructor.

Credential: Diploma: Diesel Medium and Heavy Truck Technician

Student Signature

Date

Advisor Signature

Date