

## Diesel Plan of Study

Name of Program: Agriculture Diesel Technician

Credential: AAS GOTS Degree

Location: Somerset Community College

Program Liaison: Jason McPheron

STUDENT NAME: \_\_\_\_\_

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

Required		Credit hours
	<b>Math course(MT 105,110,115, 145 or higher)</b>	<b>3</b>
	<b>Natural/Applied Science course</b>	<b>3</b>
	<b>Behavioral/Social Science course</b>	<b>3</b>
	<b>Heritage/Humanities course</b>	<b>3</b>
	<b>English 101</b>	<b>3</b>
	<b>Computer Literacy (or test out and not required)</b>	<b>(3)</b>
	<b>Technical Courses (all of MED/HVY Truck)</b>	<b>49</b>
	(transitional classes if needed will add credits, do not count for the credential)	
	<b>Total Credits</b>	<b>61 (64 CIT-105)</b>

Special Notes:\*\*\* Classes in Italics with an \*\*\* before it are pick and choose academic classes for student for time and semester, 6 classes must be taken for a total of 18 Credits unless they test out of CIT105 then 15 credits

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	
<input type="checkbox"/>	GEN 102	Introduction to College	(3)
***	<i>ENC 90/91</i>	<i>Transitional Writing</i>	(3)
***	RDG 20/30	Reading	(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.

<b>Any Semester or First Preferred offered every semester</b>			<b>Credit hours</b>
		(transitional class if needed)	(3)
	DIT 103	Preventive Maintenance Lab (if not Previously taken)	2
<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 ( <b>OR</b> )	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 ( <b>OR</b> )	(2)
<input type="checkbox"/>	ADX 260	Automotive Electrical Systems (and)	3
<input type="checkbox"/>	ADX 261	Automotive Electrical Systems Lab	2
		<b>Total</b>	<b>16 (14 if DIT 103 previously taken)</b>

<b>Spring Semester (Only time offered)</b>			<b>Credit hours</b>
	DIT 110	Introduction to Diesel Engines (and)	3
	DIT111	Introduction to Diesel Engines Lab ( <b>OR</b> )	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
	DIT 152	Powertrains for Construction Equipment	3
	DIT 153	Powertrains for Construction Equipment Lab	2
		(transitional class if needed)	
		<b>Total</b>	<b>15</b>

<b>Fall Semester (Only time offered)</b>			<b>Credit Hours</b>
		(transitional class if needed)	
***	CIT105	Computer Literacy (or other academic class)	(3)
	IMT 100	Maintenance Welding (or WLD 120)	3
	IMT 101	Maintenance Welding Lab (or WLD 121)	2
	DIT 150	Powertrains	3
	DIT 151	Powertrains Lab	2
***	Mt 116	Technical Math (or other academic class)	3
		<b>Total</b>	<b>13 (16)</b>

<b>Any Semester offered every semester (Should have Entry level Compass Math)</b>			<b>Credit Hours</b>
<input type="checkbox"/>	DIT 140	Hydraulics	3
<input type="checkbox"/>	DIT 141	Hydraulics Lab ( <b>OR</b> )	2
<input type="checkbox"/>	FPX 100	Fluid Power (and)	(3)
<input type="checkbox"/>	FPX101	Fluid Power Lab	(2)
***	<i>Gly 110</i>	<i>Environmental Geology</i> (or other academic class)	3
***	<i>Eng 101</i>	<i>English Writing</i> (or other academic class)	3
***	His 108	History (or other academic class)	3
***	<i>Soc 101</i>	<i>Sociology</i> (or other academic class)	3
		(transitional class if needed)	
<input type="checkbox"/>		<b>Total</b>	<b>17</b>

**Total Hours 61 (or 64 with CIT 105)**

**Credential: AAS GOTS Degree :Emphasis: Agriculture Diesel Technician**

\_\_\_\_\_  
**Student Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Advisor Signature**

\_\_\_\_\_  
**Date**