PROGRAM ASSESSMENT PLAN ~ 2014-15 through 2018-19

This document only needs to be updated when changes are made.

DIVISION	TRANSPORTATION
Program	Diesel Technology
Date Prepared	May 2016

PROGRAM MISSION
Cell will expand to accommodate text.

The mission of the Diesel Technology and Heavy Diesel Construction Technology programs is to prepare students for job-entry level positions on diesel powered construction equipment, diesel medium/heavy vehicles, and other diesel powered equipment.

PROGRAM STUDENT LEARNING OUTCOMES (PSLO)
If the program has more than 6 PSLO, hit "Tab" in the last cell to add another row. Cells will expand to accommodate text.

	Upon completion of the program students will be able to:
PSLO 01	Maintain, service and diagnose <u>Diesel Engines</u> found on diesel powered vehicles or equipment.
PSLO 02	Maintain, service and diagnose <u>Electrical/Electronic Systems</u> found on diesel powered vehicles or equipment.
PSLO 03	Maintain, service and diagnose <u>Brakes Systems</u> found on diesel powered vehicles or equipment.
PSLO 04	Maintain, service and diagnose <u>Suspension and Steering Systems</u> found on diesel powered vehicles or equipment.
PSLO 05	Maintain, service and diagnose <u>APU (Auxiliary Power Units)/Refrigeration Systems</u> found on diesel powered vehicles or equipment.

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CURRICULUM MAP (Alignment)

List <u>all</u> courses required for program and indicate, where applicable, (using the following key) the PSLO with which they are associated.

T = Taught Only
X = Taught and Assessed
A = Assessed Only

If the program has more than 6 PSLO, "Copy and Paste" rows from this table below the existing table, beginning with the row numbering the PSLO.

Required Courses	PSLO 1	PSLO 2	PSLO 3	PSLO 4	PSLO 5				
DEM111									
DEM113		X							
DEM116									
DEM123									
DEM138				X					
DEM143			X						
DEM146									
DEM148		X							
DEM204		X							
DEM212	X								
DEM221									
DEM224									
DEM230			X						
DEM231	X								
DEM232									
DEM238				X					
DEM241	X								
DEM242									
DEM248									
DEM250	X								
DEM252									
DEM268				X					
IND105									

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ASSESSMENT MEASURES (Method)

Indicate (**mark with an X**) the type of assessment used to evaluate each PSLO. Check as many boxes as apply.

If the program has more than 6 PSLO, "Copy and Paste" rows from this table below the existing table, beginning with the row numbering the PSLO.

	PSLO 1	PSLO 2	PSLO 3
DIRECT			
Portfolio			
Performance Assessment	X	X	X
Performance Assessment (Off campus experience – Clinical, Internship, Practicum, etc.)			
Professional Credentialing Exam			
Major Field Test or National Exam	X	X	X
Course Embedded Assignment	X	X	X
Project Evaluation (e.g. research)			
Course Grades	X	X	X
Other			
INDIRECT			
Surveys	X	X	
Exit Interviews/Focus Groups	X	X	X
Other			

	PSLO 4	PSLO 5
DIRECT		
Portfolio		
Performance Assessment	X	X
Performance Assessment (Off campus experience – Clinical, Internship, Practicum, etc.)		
Professional Credentialing Exam		X
Major Field Test or National Exam	X	
Course Embedded Assignment	X	X
Project Evaluation (e.g. research)		
Course Grades	X	X
Other		
INDIRECT		
Surveys	X	X
Exit Interviews/Focus Groups	X	X
Other		

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THRESHOLD OF STUDENT SUCCESS

For each PSLO, list each measure separately and indicate the threshold of student achievement considered acceptable.

(example: 75% of students will receive B or better) - see Assessment Plan Guide for additional instructions.

Hit :Tab" in the last cell to add another row. Cells will expand to accommodate text

PSLO	MEASURE	THRESHOLD
01	Diesel Engines ASE Student Certification Assessment	65% of students pass
02	Diesel Electrical/Electronic Systems ASE Student Certification Assessment	65% of students pass
03	Brakes ASE Student Certification Assessment	65% of students pass
04	Maintain, service and diagnose Suspension and Steering Systems found on diesel powered vehicles or equipment.	65% of students pass
05	EPA Section 609 of the Clean Air Act (MACS) Certification	65% of students pass

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DATA COLLECTION *CALENDAR*

Indicate how often assessment data are collected for each PSLO.
S=every semester
Y=every year
2=every other year
3=every 3 years, (etc.)
O-Other (please explain)
If the program has more than 6 PSLO, hit "Tab" in the last cell to add another row.

	Frequency of Data Collection
PSLO 1	**S-(REPORTED YEARLY)**
PSLO 2	**S-(REPORTED YEARLY)**
PSLO 3	**S-(REPORTED YEARLY)**
PSLO 4	**S-(REPORTED YEARLY)**
PSLO 5	**S-(REPORTED YEARLY)**

ANALYSIS AND REPORTING CALENDAR

Indicate (*mark with an X*) the years in which each PSLO was/will be analyzed and reported.
Cycle will repeat after Year 6.
If the program has more than 6 PSLO, "Copy and Paste" rows from this table below the existing table, beginning with the row numbering the PSLO.

	PSLO 1	**PSLO 2**	**PSLO 3**	**PLSO4**	**PLSO5**	
Year 1/2013-14						
Year 2/2014-15						
Year 3/2015-16	X	X	X	X	X	
Year 4/2016-17						
Year 5/2017-18						
Year 6/2018-19						

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If field experiences are a significant part of the program, explicitly address how validity and reliability of the evaluation instrument is ensured.
Cell will expand to accommodate text.

STAKEHOLDER INVOLVEMENT
Describe how stakeholders (faculty, students, alumni, advisory boards, community, etc.) are involved in the development, implementation and periodic review of the Assessment Plan.
Cell will expand to accommodate text.

We have an advisory board meeting once a semester, in that meeting we discuss the ASE Student Certification tests and seek the opinion of the advisory board.

PROGRAM ASSESSMENT PLAN REVIEW CYCLE
Indicate (*mark with an X in column 2*) the year(s) in which this Program Assessment Plan will be reviewed and indicate in column 3 (when applicable) when changes are made and addressed in the appropriate year's annual report.
Cycle repeats after Year 6.

	Program Assessment Plan Review	Were changes made and addressed in the Annual Report? <u>Yes</u> or <u>No</u> (update when applicable)
Year 1/2013-14		
Year 2/2014-15		
Year 3/2015-16		
Year 4/2016-17		
Year 5/2017-18		
Year 6/2018-19		