



SLO Assessment Cycle for AUTO 60D

Ignition Analysis and Oscilloscope Diagnosis

Assessment Initiated by: [John Walton](#) (8508) in AUTO

Outcomes:

Outcome 1: Statement

Student will identify the purpose of an automotive ignition system. Student will demonstrate the correct application and usage of ignition system diagnostic equipment. Student will predict the results of an inappropriately adjusted ignition system. Student will categorize the results of ignition system diagnostics. Student will formulate a diagnosis based on interpretation of provided data values. Student will prioritize required repairs based on effectiveness.

Assessment Cycle Records:

Outcome 1: Assessment Planning Modified: [02/09/2011]

Assessment Strategy Used:

Quarter: Fall 2010

Assessors: John Walton

Assessment Tools: Exams

Sections being assessed: 95

Outcome 1: Reflect & Enhance Modified: [02/09/2011]

Number of people involved in Reflection and Enhancement: 1

Changes:

Methods:

The assessment method for 60D is the final exam.

Summary:

Result totals Fall 2010 60D Ignition

1. Student will identify the purpose of an automotive ignition system.

39 missed out of possible 352. 89% correct

2. Student will demonstrate the correct application and usage of ignition system diagnostic equipment.

12 missed out of possible 22. 46% correct

3. Student will predict the results of an inappropriately adjusted ignition system.

30 missed out of possible 44. 32% correct

4. Student will categorize the results of ignition system diagnostics.

24 missed out of possible 132. 82 % correct

5. Student will formulate a diagnosis based on interpretation of provided data values.

36 missed out of possible 242. 85% correct

6. Student will prioritize required repairs based on effectiveness.

5 missed out of possible 22. 78 % correct

Total Average

68% Total Average

Enhancement (Part I):

Enhancement

Part I: Describe how the assessment results will be applied to enhance or improve student learning: content, teaching methods, assignments, course evaluation procedures, the SLO.

This assessment has helped me improve student learning outcome potentially. I plan to increase the amount of time spent on adjustments and symptoms of the ignition system. By increasing the lecture time I will be able to establish a discussion group in the classroom. This is beneficial because the students will benefit from the different levels of expertise that are present in an evening class. I will also increase the amount of time dedicated to the usage of ignition system diagnostic equipment. Understanding the purpose or function of this equipment is an essential part of diagnostics. I plan to add various lessons regarding each of the most popular diagnostic machines available.

Enhancement (Part II):

Enhancement

Part I: Describe how the assessment results will be applied to enhance or improve student learning: content, teaching methods, assignments, course evaluation procedures, the SLO.

This assessment has helped me improve student learning outcome potentially. I plan to increase the amount of time spent on adjustments and symptoms of the ignition system. By increasing the lecture time I will be able to establish a discussion group in the classroom. This is

beneficial because the students will benefit from the different levels of expertise that are present in an evening class. I will also increase the amount of time dedicated to the usage of ignition system diagnostic equipment. Understanding the purpose or function of this equipment is an essential part of diagnostics. I plan to add various lessons regarding each of the most popular diagnostic machines available.

[Number of Outcomes for AUTO 60D: 1]