



SLO Assessment Cycle for AUTO 94A

Principles of Four Stroke Cycle Gas and Diesel Engines

Assessment Initiated by: [Dave Capitolo](#) (8312) in AUTO

Outcomes:

Outcome 1: Statement

After studying the theory of a 4-stroke cycle, internal combustion engine, the student will be able to explain in detail each of the four strokes, valve overlap, and blowdown. This will be done using a cut-away engine.

Assessment Cycle Records:

Outcome 1: Assessment Planning Modified: [05/21/2010]

Assessment Strategy Used:

Quarter: Fall 2011

Assessors: Dave Capitolo

Assessment Tools: Performances/Demonstrations

Outcome 1: Reflect & Enhance Modified: [04/15/2011]

Number of people involved in Reflection and Enhancement: 2

Changes:

Methods:

Students will explain the four stroke cycle theory using a cut-away engine in a one-on-one performance assessment

Summary:

The majority of the class completed this successfully. It took three students a long time to complete this assessment.

Enhancement (Part I):

I will have more classroom exercises to prepare students to complete this faster.

Enhancement (Part II):

[Number of Outcomes for AUTO 94A: 1]