



SLO Assessment Cycle for CDI 105

CAD Technology Laboratory (NX) SLO Modified: [01/10/2012]

Louis Gary Lamit's Team Members:

1. [Max Gilleland](#) (x5578) CDI
2. [James Gee](#) (x) CDI

Additional Team members not on list/notes about team:

James Blank

Additional Notes:

Outcomes:

Outcome 1: Statement Modified: [10/22/2010]

Functioning as a designer using NX, the student will create an engineering document package which complies with industry-defined standards and shall include the following:

- * components modeled using CAD design tools
- * assemblies generated from multiple components
- * engineering drawings for components and assemblies

Assessment Cycle Records:

Outcome 1: Assessment Planning Modified: [04/17/2011]

Assessment Strategy Used:

Quarter: Fall 2011

Assessors: James Gee

Assessment Tools: Exams • Portfolios • Logs

Sections being assessed: 61, Z

Outcome 1: Reflect & Enhance Modified: [01/10/2012]

Number of people involved in Phase III: 35

Changes:

N/A

Methods:

Assessment Tools: The intention of the lab class is to offer students additional time at school to work on their projects (homework) and provide them with tutorial assistance in-class and online as needed. Attendance was monitored through the Catalyst Course Management System. Catalyst was also used to receive assignments throughout the quarter. Students were requested to submit a "Student Documentation Package" to demonstrate their work.

An instructor conversant in both Beginning and Intermediate levels of the software was available in the lab class during the scheduled room hours, online through forum posts (within Catalyst) and email. The software was available to students in the room and student version software was available for purchase (free in some cases) via links posted on the CDI department webpage.

Summary:

This was the first time this lab class has been offered at De Anza College. The CDI department, following state guidelines, has offered lab class time complete with computers, software, and instruction. Students participated sporadically as their needs and questions became apparent to them. I was able to help numerous students during the lab class time. I did not receive any questions online.

Activity Report:

*35 students participated; 30 students passed the course, with 4 W drop, and 1 drop after the census

Enhancement (Part I):

If any enhancement is necessary it might be even better coordination between the CDI instructors. I believe students understood well how the lab class operated and took advantage of the offering as needed. De Anza College and the CDI department could be even more aggressive when informing students of the value and availability of the lab classes.

Enhancement (Part II):

N/A

[Number of Outcomes for CDI 105: 1]