DeAnza College

SLO Assessment Cycle for CDI 102

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

Louis Gary Lamit's Team Members:

1. Max Gilleland (x5578) CDI
2. James Gee (x) CDI
3. Kenneth Louie (x) CDI

Additional Team members not on list/notes about team:

Paul Klingman ;

Additional Notes:

Paul Klingman ;

Outcomes:

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

Functioning as a designer using SolidWorks, 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: Louis Gary Lamit, Max GillelandPaul Klingman, Ken Louie
Assessment Tools: Portfolios • Logs Exams
Sections being assessed: 01, 61

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

Number of people involved in Phase III: 6

Changes:
N/A

Methods:
Assessment Tools:
* Lab Assignments
* Documentation Portfolio

Methods:
Catalyst Course Management System was used to issue, receive, & grade assignments throughout the quarter including:

* Since this is an open lab, students are encourage to work on their class assignments and to learn other commands and various different options (when available) within the commands.

Summary:
75% of the students in this section utilize the resources available in the lab and completed all of their work.

The general trend in the lab was that the typical student would come in whenever they have free time and to work on their regular class projects and/or assignments. They are also encouraged to try out different approach to each project. The lab section is also a great opportunity for students to try out new commands and to utilize some of the self-pace CAD tutorial software. Most students accomplished all requirements. Students who either dropped or withdrawn did very well up to the assignments they completed but did not do all the requirements for the lab because of their time constraints and inability to attend sufficient classes for personal and professional reasons.

Enhancement (Part I):
Regarding the rather high (25%) dropout rate (1 dropped and 1 withdraw): This may be tied to the student dropping or withdrawn form their regular class section.

6 students completed the lab and received a passing grade.

No changes planned

Enhancement (Part II):
N/A

[Number of Outcomes for CDI 102: **1**]