DeAnza College **SLO ARCHIVE**

Student Learning Outcomes for CDI 73A

Pro/ENGINEER Wildfire (Pro/SHEETMETAL) - No Longer Offered

Team Members:

Team Leader:
Louis Gary Lamit (8627) in CDI

Other members:

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

Additional team members/notes about team:

Additional Notes:

Outcomes:

Outcome 1 Phase I: Statement

Outcome 1 Phase II: Assessment Strategy Used:

Assessment Quarter: Winter 2011
Assessors: James Gee
Assessment Tools: • •
Sections being assessed: 61, Z

Outcome 1 Phase III: Reflect & Enhance

Number of people involved in Phase III: 21

Changes:
n/a

Methods:
CDI 73 from winter 2011Outcome 1: Assessment Planning [edit]Assessment Strategy Used:Quarter: Winter 2011Assessors: Louis Gary Lamit and James GeeAssessment Tools: Portfolios • LogsSections being assessed: 73L and 73ZOutcome 1: Reflect & Enhance [edit]Number of people involved in Phase III: 19Methods:Assessment Tools:*19 exercises and skill exercises in the book.*6 miscellaneous exercises to test modeling skills.*1

quiz.*Final Student Documentation Portfolio Methods:Catalyst Course Management System was used to issue, receive, & gradeassignments throughout the quarter.*Reading assignments covering the current text are the foundation of the course content with 19 exercises from the text book.*6 miscellaneous part modeling exercises that demonstrate key softwarefunctions and abilities.*1 quiz.*Final Student Documentation Portfolio used to collate and document all course work.

Findings and Conclusions:
Over 57% of the students in this section completed all of the work, with about 63% excellence (completion of 90+% of all assigned course work). The general trend for the Sheetmetal class was that if the student did the work and listen to the lectures and put a little bit of time and effort in; these are the students that did very well in the class. Another general trend was that the typicalstudents would excel at the work s/he attempted. Work assigned early in the quarter is usually done well, leaving work assigned later in the quarter incomplete in some cases. In general, the student who takes the instructors advice to budget 8hours/week of study devoted to this particular course does very well,while the student who spent less time on the course work doesn't do aswell. Activity Report:12 students with 90% or higher.1 student with 77%1 student with 58%1 students with 46% or lower3 incomplete1 no attempt at completeing any course work

Enhancement (Planned Actions)
Part I:
Enhancement (Part I):Add recorded lectures for each chapter, covering subtle changes or other details not directly or clearly discussed in the text. Recorded lectures will also have the quality of updating the student and the course content with respect to software upgrades which occur during the school year. Most of the video lectures and course material need to be reevaluated each time this course is taught. With that said some of the basic models and stand-alone projects can be reused. In a future class we may try and increase the number of hand out exercises and throw in a midterm evaluation with the short answer online test and a quick modeling component.

Part II:
n/a

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