**DE ANZA COLLEGE**
Business and Computer Applications Division

**CDI (Computer Aided Design and Digital Imaging)**

**GREEN SHEET**
**Courses: CDI 101 and 103**

**Instructor:** L Gary Lamit
**Room:** E35 (distance learning)
**E-mail:** lgl@cad-resources.com  lamitgary@fhda.edu
**WEB Site** www.cad-resources.com
**Text and Reference:** Creo Parametric textbook – Cengage Learning
**Overview:** 12-week On campus lab course.

**Catalyst:** All CDI distance learning and on-campus classes use Catalyst to manage every aspect of the course. All materials and information can be accessed from any computer connected to the web including lectures.

Each individual lesson/project/exercise will be graded on a scale of 1-4 according to the accuracy, clarity and completeness of work. The final grade for this course is also based upon the submittal of a Student Documentation Package:

Make a WORD, PDF, or Power Point document of screen captures of every one of the CAD projects. Zip the file and upload onto Catalyst.

**Basis for Grade:** Your documentation package will contain all required work and will be graded based on completion and correctness of each assignment. All grades and submittals will be controlled through catalyst.

**The student's score** is calculated on the basis of his/her total raw score divided by the total number of possible points assigned.

# ECMS: Course Outline Creation & Management

Logout

**Close Window** | **Refresh Window** :: New Outline View

**Print View**\* | **Original Outline** | **Changed Outline**
(\*Opens in new, second window. Use browser controls to close when finished.)

Degree Applicable

Effective Quarter: Fall 2010

### I. Catalog Information

| | | |
|---|---|---|
| CDI 100 | CAD Technology Laboratory (Pro/ENGINEER) | .5 Unit(s) |

| | | |
|---|---|---|
| CDI 100X | CAD Technology Laboratory (Pro/ENGINEER) | 1 Unit(s) |
| CDI 100Y | CAD Technology Laboratory (Pro/ENGINEER) | 1.5 Unit(s) |
| CDI 100Z | CAD Technology Laboratory (Pro/ENGINEER) | 2 Unit(s) |

**Requisites:** Co-requisite: Any Pro/ENGINEER course

**Repeatability:** (Any combination of CAD and Digital Imaging 100, 100X, 100Y, and 100Z may be taken up to six times, not to exceed 18 units.)

**Grading:** Pass-No Pass (P-NP) course.

**Hours:** Three hours laboratory for each unit of credit.

**Description:** Self-paced projects and computer based training on Pro/ENGINEER software. Instruction is in the use of CAD technology using projects from other Pro/ENGINEER courses. Learning assistance is provided in a designated De Anza center by an approved De Anza instructor who is trained in Pro/ENGINEER software.

### II. Course Objectives

**A.** Use CAD Laboratory equipment properly

**B.** Complete assignments from parent course in the CDI CAD Laboratory

### III. Essential Student Materials

None

### IV. Essential College Facilities

CAD laboratory

### V. Expanded Description: Content and Form

**A.** Use CAD Laboratory equipment properly

   **1.** Load and setup application programs

   **2.** Use CAD application commands

   **3.** Input design data using sketches and feature tools

**B.** Complete assignments from parent course in the CDI CAD Laboratory

   **1.** Editing design data

   **2.** Output of design documentation

### VI. Assignments

**A.** Reading

   **1.** Reading from parent course

     **2.** Reading from reference material

  **B.** Drawing/Exercises using application software.

     **1.** Computer based training modules

     **2.** Projects assigned for the lesson

**VII. Methods of Instruction**

Laboratory experience which involve students in formal exercises
Discussion of assigned project requirements and design methodology
Homework and extended projects
Exercises on self-paced CBT training modules

**VIII. Methods of Evaluating Objectives**

  **A.** Complete drawings/exercises using application software.

  **B.** Reviewing required projects check list

**IX. Texts and Supporting References**

  **A.** Examples of Primary Texts and References

     **1.** As appropriate for parent course

  **B.** Examples of Supporting Texts and References

     **1.** None

ECMS v6.5