

**DE ANZA COLLEGE – ADVANCED TECHNOLOGY CENTER
BUSINESS/COMPUTER SYSTEMS DIVISION
CAD & DIGITAL IMAGING DEPARTMENT
GREEN SHEET FOR FALL 2009**

Course: CDI-060C-61 Introduction to SolidWorks
Call #: 3173 Days: SAT 8:30 AM – 4:20 PM Rm: AT301

Instructor: Kenneth Louie
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Text: Engineering Design with SolidWorks 2009
by David Planchard & Marie Planchard (ISBN#: 978-1-58503-489-5)

Standard Operating Procedures

Student Learning Outcome: This is an introductory class to 3D Solid Modeling using SolidWorks. The students will learn the concepts of Parametric modeling thru a series of Projects and Exercises. These shall include:

- The fundamentals of creating manufacturing models with various modeling methods.
- Creating Assemblies by using Bottom-Up and Top-Down Design techniques.
- Documenting Parts and/or Assemblies in drawings.

The document, generated from CAD files will be submitted digitally (no printouts will be accepted).

- The native Solidworks file. The native Solidworks template and sheet format files.
- Other files/documents if asked by your instructors.

Attendance: Attendance at all classes is expected. While the student's attendance record is not part of his/her grade, the work load is designed to make full use of the hours allocated for this class. That is to say, if a student doesn't put in 8 hours of work/week on the subject matter, he/she cannot expect to finish the assigned work by the end of the quarter. Attendance may be taken once every session. It is the student's responsibility to insure that his/her presence at class is recorded. Students should be aware of appropriate drop dates (Sep. 26, Oct. 9, and Nov. 13). Check with the schedule of class for the various drop dates. **It is the student's complete responsibility to drop this class. I will not drop anyone from the class dues to lack of attendance.**

Homework: The "only" homework required for this class is to complete the reading in the text prior to starting work on the assignments. The student should do this reading outside of class in order to maximize the best use of lab time. Student should be able to complete all assigned lessons and projects during lab time, provided preparatory reading is done prior to class.

Project Check-Off List: The student's grade for this course will be based upon the submittal of a Project Check-Off List, Mid-Term and Final. Final Test Period for this section begins on December 5 (Saturday), at 1:15 PM to 5:00 PM. I will accept early submittals of Project check-Off List. Each individual lesson/project will be graded according to the Accuracy of the Model, Clarity of the Model, and Completeness of the Model.

Each assignment is to be checked in a SolidWorks session brought up in class. After initial grading, I will either approve the model or give you a list of items in the model to correct. The form called the Project Check-Off List will be used to record the student's progress through the quarter.

Work Schedule: There are a total of 10 working Saturdays scheduled for the Fall Quarter (including Finals Week), and the standard class material covers 6 projects or chapters. Student should expect to complete a little more than one project/chapter every two sessions in order to keep pace with this schedule. In addition, I may assign questions and/or exercises from each chapter. There will be some flexibility in the total amount of work assigned in order to allow for system down time.

Basis for Grade:

Projects/Exercises (from Project Check-Off List)	50%
Mid-Term (TBD)	20%
Final (Dec. 5)	30%

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