

DE ANZA COLLEGE - ADVANCED TECHNOLOGY CENTER
Business and Computer Applications Division
CDI (Computer Aided Design and Digital Imaging)
GREEN SHEET

Course: **CDI-061B-61 (Solidworks – Intermediate)**

Instructor: Sanjeev “Sam” Tanna

Room: AT 313

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Text: **Drawing and Detailing with Solidworks 2009**

Author: David C. Planchard and Marie P. Planchard

Software: **Solidworks 2009**

Standard Operating Procedures

Student Learning Outcome: This course is to educate and assist students, designers, engineers, and professionals in the drawing and detailing tools of Solidworks. Explore the learning process through a series of design situations, industry scenarios, projects and objectives target towards the beginning to intermediate Solidworks. The hands on work shall include:

- Numerous activities to create multiple-view, multiple sheet, detailed drawings and assembly drawings.
- Develop drawing templates, sheet formats and configurations, and design tables with equations.
- Manipulate annotations in parts, drawings, assemblies, Revision tables, Bill of Materials etc.

The document, generated from CAD files will be submitted digitally.

- 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 workload is designed to make **full** use of the hours allocated for this class. That is to say, if a student doesn't put 8 hours of work per week on the subject matter, he/she cannot expect to finish the assigned work by the end of the quarter. Attendance will be noted 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. **It is the student's complete responsibility to drop this class, as I will not drop anyone from the class.**

Homework The book will come with a student version of limited time Solidworks software that can be downloaded at your home PC/Laptop. Students will be expected to use the software and textbook to complete reading of the assigned chapters prior to the discussion of those chapters in class. Students should be able to complete all assignments and projects during class time, provided preparatory reading is done outside of class.

Project Check-Off Sheet: The student's grade for this course is mainly based upon % the submittal of a Project Check-Off Sheet and your performance on final exam. Each individual lesson/project will be graded according to the accuracy, clarity and completeness of students work. I will announce due date for each assignment prior to 2 classes of submission date. Assignment submitted after due date will impact your grade. The form called the Project Check-Off Sheet will be used to record the student's progress throughout the quarter. The Final Test Period for this section will meet at the scheduled time by the college. **Students should not count on the network being operational during Finals Week.** I will accept early submittals of Project Check-Off Sheets.

Grading and Assessment:

Each assignment will be assessed. The student will be directed to either print the exercises or save them to a network location. After initial grading, I will either approve your assignment or give you a list of items to correct.

Basis for Grade:	Lesson/Lab Work/Assignment:	70%
	Final Project/Exam:	30%

Basis for Grade:	Manual Exercises	A: 90% - 100%
	Handout Projects	B: 80% - 89.9%
		C: 70% - 79.9%
		D: 60% - 69.9%
		F: Less Than 59.9%

The student's score is calculated on the basis of his/her total raw score divided by the total number of possible points assigned. I am leaving some flexibility in the total number of projects assigned in order to allow for system down time and other contingencies.