

DMT 87D

COURSE STRUCTURE Winter 2016

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General Questions 408/864-8718

I. Method of Instruction:

Modeling and tool path assignments will be made from content covered in video tutorials, book lessons, lectures, and demonstrations. These assignments are expected to be completed before the end of the class meeting for that date.

Laboratory practices will include practice exercises, assigned projects, and directed activities to apply and test the theories proposed in the class lectures, laboratory demonstrations and tutorial assignments.

II. Attendance & Conduct Policy

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 spend at least 9 hours per week working 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.

NOTE: If you are absent any of the first three class meetings you must phone the instructor (408) 864-8283 or you may be dropped from the class. This procedure is in fairness to those students who are on the waiting list and wish to add the class.

Any student disrupting class may be asked to leave. De Anza College will enforce all procedures set forth in the Student Standards of Conduct and the appropriate remedial and/or disciplinary steps will be taken when violations occur.

IMPORTANT DATES: Such as last day to drop a class without receiving a grade etc., are found at the following URL: <http://www.deanza.edu/calendar/winterdates.html>

III. Student Materials

ESSENTIAL:

1. CamInstructor Mastercam Mill 2D X9 Training Guide (which includes a student version of the software)
2. USB storage device (1 Giga byte minimum)
3. Earphones
4. Design & Manufacturing 87D Supplemental Documents (Provided by the instructor)

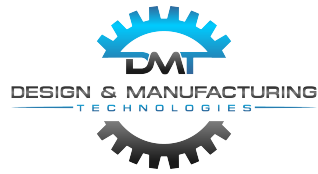
OPTIONAL:

Available at hardware/department stores that carry power tools.

1. Industrial Safety Glasses, State approved (these are provided, but you may want your own)

IV. Evaluation of Outcome:

The student's progress is evaluated objectively on the basis of scores from examinations and quizzes covering both laboratory work and lecture material. Three major examinations are given. These examinations combined with quiz scores constitute approximately 40% of the final grade.



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Laboratory work constitutes approximately 60% of the final grade.
2 points will be deducted, per class session, from assignments turned in late.

If the student has never been absent, utilizes all of the class periods, and is within one percent (1%) of the next higher grade; student will receive the higher grade.

NOTE: The following is a tentative list subject to change if needed.

| LAB | POINTS POSSIBLE | POINTS EARNED |
|----------------------|-----------------|---------------|
| Lesson 1 Exercise | 20 | |
| Lesson 1B | 20 | |
| Solids Lesson 1 | 20 | |
| Suppl_1 | 20 | |
| Lesson 3 | 20 | |
| Suppl_2 | 20 | |
| Lesson 4 | 20 | |
| Suppl_3 | 30 | |
| Lesson 5 | 20 | |
| Lesson 6 | 20 | |
| Suppl_4 | 30 | |
| Suppl_5 | 30 | |
| Lesson 7 | 20 | |
| Suppl_6 | 30 | |
| Lesson 8: Classic | 20 | |
| Lesson 8: High Speed | 20 | |
| Suppl_7 | 30 | |
| WCS Part 1 | 20 | |
| WCS Part 2 | 20 | |
| WCS Part 3 | 30 | |
| Suppl_8 | 20 | |
| WCS Part 4 | 30 | |
| Suppl_9 | 30 | |
| Suppl_10 | 30 | |
| Suppl_12 | 30 | |
| LAB TOTAL: | 600 | |
| LECTURE | | |
| Exam 1 | 100 | |
| Exam 2 | 100 | |
| Final Exam | 200 | |
| LECTURE TOTAL: | 400 | |
| LAB & LECTURE TOTAL: | 1000 | |

| | | |
|---------------------|-------------------|-------------------|
| GRADE DISTRIBUTION: | A+= 97% to 100% | B+= 87% to 89.9% |
| | A = 93% to 96.9% | B = 83% to 86.9% |
| | A- = 90% to 92.9% | B- = 80% to 82.9% |
| | C+= 77% to 79.9% | D = 60% to 69.9% |
| | C = 70% to 76.9% | F = 59.9% or less |