



DMT 84B

COURSE STRUCTURE WINTER 16

Instructor: Mike Appio
Office Hour: 7:00am – 8:00am M W
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Manufacturing & Design Counselors:
Appointment Scheduling 408/864-5400
Financial Aid:
General Information 408/864-8718

I. Method of Instruction:

Reading assignments will be made from the textbook and syllabus. These assignments are expected to be completed before 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 reading assignments.

II. Attendance & Conduct Policy

Since practical participation is an essential part of the class, all students will be dropped from the class on the third unexcused absence. Early departure from class (participation is essential), or three tardies will each be considered a time absent.

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 (see class schedule), and the appropriate remedial and/or disciplinary steps will be taken when violations occur.

III. Student Materials

ESSENTIAL:

Available at the De Anza College Bookstore.

1. CNC PROGRAMMING HANBOOK 3rd Edition / Peter Smld
2. Calculator (inexpensive type)

Provided by the instructor

1. Manufacturing & CNC 75B Syllabus (PDF Version)

OPTIONAL:

Available at hardware/department stores that carry power tools.

1. Machinist's apron (swing pocket recommended)
2. Industrial Safety Glasses, State approved (these are provided, but you may want your own)
3. Padlock (if you wish to use a shop storage drawer)

I V . Evaluation of Outcome:



DMT 84B

COURSE STRUCTURE WINTER 16

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 50% of the final grade.

Laboratory work constitutes approximately 50% of the final grade.
Five percent (5%) will be deducted, per day, from assignments turned in late.

All machined projects submitted for grading must be completed in the De Anza Manufacturing Lab or cleared by instructor for outside completion.

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.

GRADE CHART	POINTS POSSIBLE	POINTS EARNED	PERCENT	GRADE
LAB EXERCISES				
Lathe Operation Exercise	25			
Boring Operation Exercise	10			
LAB PROJECTS				
Program Exercise 1	20			
Machine Exercise 1	45			
Program Exercise 2	20			
Machine Exercise 2	45			
Program Exercise 3	45			
Can Crusher: Top Cap	30			
Machine Top Cap & Inspect	70			
Can Crusher: Movable Jaw	30			
Machine Movable Jaw & Inspect	70			
Can Crusher: Fixed Jaw	30			
Machine Fixed Jaw & Inspect	70			
LAB TOTAL:	510			
LECTURE				
Exam #1	160			
Exam #2	160			
Final Exam	170			
LECTURE TOTAL:	490			
LAB & LECTURE TOTAL:	1000			

GRADE DISTRIBUTION: A+= 97% to 100%

B+= 87% to 89.9%



DMT 84B

COURSE STRUCTURE WINTER 16

A = 93% to 96.9%
A- = 90% to 92.9%

B = 83% to 86.9%
B- = 80% to 82.9%

C+ = 77% to 79.9%
C = 70% to 76.9%

D = 60% to 69.9%
F = 59.9% or less

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