Instructor: Jim Mori
Office: E 21
Office Hour: 5:00 - 5:30pm M W
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Web Site: www.deanza.edu/cnc

Manufacturing& Design Counselors:
Appointment/Scheduling 408/864-5400

Financial Aid:
General Questions 408/864-8718

I. Method of Instruction:

Reading assignments will be made from the text. 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. An 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 408-629-7600 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. Text: Precision Machining Technology by Peter J Hoffman
2. Three SCANTRON forms (2052) (brown)
3. Calculator (inexpensive type)
4. #2 Pencil
5. You can not use cell phones during exams.

Provided by the instructor
1. Manufacturing & CNC 80 Syllabus

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)

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. Two major examinations are given, each having equal weight. These examinations combined with quiz scores constitute approximately 55% of the final grade.

Laboratory work constitutes approximately 45% 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.

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.

GRADE CHART	POINTS POSSIBLE	POINTS EARNED	PERCENT	GRADE
LAB PROGRESS				
Measurement	20			
Pedestal Grinder	15			
Cut Off Saw	10			
Drill Press	20			
Vertical Band Saw	20			
Lathe Operation	20			
Lathe Chucks and Collets	20			
Vertical Mill Operation	20			
Mill Vise Alignment	15			
Mill Controller Exercise #1	20			
Mill Controller Exercise #2	20			
LAB PROGRESS TOTAL:	200			
LAB PROJECTS				
Drill Gauge	30			
Tap Handles	50			
Tap Handle Body	50			
Tape Dispenser Bodies	61			
Tape Dispenser Spool	25			
Tape Dispenser Stand Off (2 ea)	10			
Tape Dispenser Tape Support	24			
LAB TOTAL:	250			
LECTURE				
Exam #1	180			
Exam #2	180			
Final Exam	190			
LECTURE TOTAL:	550			
LAB & LECTURE TOTAL:	1000			

GRADE DISTRIBUTION:

A+= 95% to 100%	B+= 82% to 84.9%
A = 90% to 94.9%	B = 78% to 81.9%
A- = 85% to 89.9%	B- = 75% to 77.9%
C+= 72% to 74.9%	D = 55% to 64.9%
C = 65% to 71.9%	F = 54.9% or less

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