



Instructor: Mike Appio
Office: E 21A
Office Hour: 4:30 – 5:30 M W
Phone: 408/864-8283
Fax: 408/864-5625
Email: appiomike@deanza.edu

Web Site: www.deanza.edu/cnc

Counselors:
<https://www.deanza.edu/counseling/StaffDirectory.html>
Financial Aid:
<http://www.deanza.edu/financialaid/fastaff.html>

I. Method of Instruction:

Modeling and tool path assignments will be made from content covered in video tutorials, 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/springdates.html>

III. Student Materials

ESSENTIAL:

1. Mastercam University Videos for Mill Design and Toolpaths X7 (which includes student version of software)
2. USB storage device (1 Giga byte minimum)
3. Earphones
4. Manufacturing & CNC 76D 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. Four 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 calendar day, 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
X_Part	5	
M_Part	5	
Power_Mount	20	
SUPPL_1	25	
SUPPL_2	25	
BASIC EX -1	5	
BASIC EX -2	5	
BASIC EX -3	5	
Power_Mount_Setup_1	10	
Power_Mount_Setup_2	10	
SUPPL2_Toolpath	25	
2x2x2 Cube	20	
30_Deg_Clamp	20	
SUPPL_4	25	
Toolpath Exercises (4)	20	
Bike_Caliper	20	
Stepped_Block	20	
SUPPL_5	25	
Triple_Tree	20	
Shell_Connector	20	
30_Deg_Block	20	
SUPPL_4_Toolpath	25	
Autowinder	20	
Receiver	20	
SUPPL_3_Toolpath	25	
SUPPL_5_Toolpath	20	
Production	20	
SUPPL_6_Toolpath	20	
LAB TOTAL:	500	
LECTURE		
Exam 1	100	
Exam 2	100	
Exam 3	100	
Final Exam	200	
LECTURE TOTAL:	500	



LAB & LECTURE TOTAL:	1000	

GRADE DISTRIBUTION:

A+= 97% to 100%
A = 93% to 96.9%
A- = 90% to 92.9%
C+= 77% to 79.9%
C = 70% to 76.9%

B+= 87% to 89.9%
B = 83% to 86.9%
B- = 80% to 82.9%
D = 60% to 69.9%
F = 59.9% or less