

Tech/ME41 Machine Shop Safety and Fundamentals

San Jose State University / College of Engineering
Aviation and Technology Department Mechanical & Aerospace Engineering Department

*Students will not receive credit for course unless the general lab safety quiz is passed within two tries or less.

Credit in the class is earned by earning an average score of 70% on all assignments.

Shop Clean-up

A clean shop is a safe shop. The last 10 to 15 minutes of each class will be reserved for shop clean-up. It is the students' job and responsibility to clean their area and check with instructor before leaving.

Schedule of Activities (subject to change)

Week	Activity
Week 1:	Safety Orientation, Tool ID , Shop tour, General safety hand-out. ASME
Week 2:	Communication, note taking, sheet metal
Week 3:	Design project 1, demo
Week 4:	Project 1
Week 5:	Lab Work
Week 6:	Lab and demo lathe
Week 7:	Lathe part demo
Week 8:	Lab
Week 9:	Lab
Week 10:	Lab
Week 11:	Mill Sample demo
Week 12:	Lab work
Week 13:	Lab work
Week 14:	Last day to use the lab May 1,2,3,7 Turn in all
Week 15:	Practical final and Shop clean up. You must be here! May 8,9,10,14
Note :	No Final during finals

Academic Integrity Standards and Policies

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Academic honesty is expected without question in this course. Students who are found to have submitted materials that do not adhere to SJSU standards of academic integrity will suffer the following two consequences:

- a. A grade of zero [0] will be given for the assignment in question; and
- b. A report of the incident will be filed with the university. This report may stay on your permanent collegiate record.
- c. You may also be subject to further disciplinary action being taken by the university.

For the SJSU policy on Academic Integrity, refer to:

<http://www.sjsu.edu/senate/F06-2.pdf>

a) Academic integrity statement (from the Office of Student Conduct and Ethical Development):

“Your own commitment to learning, as evidenced by your enrollment at San José State University, and the University’s Academic Integrity Policy requires you to be honest in all your academic course work. Faculty members are required to report all infractions to the Office of Student Conduct and Ethical Development. The policy on academic integrity can be found at http://sa.sjsu.edu/student_conduct.

b) Campus policy in compliance with the Americans with Disabilities Act:

“If you need course adaptations or accommodations because of a disability, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible, or see me during office hours. Presidential Directive 97-03 requires that students with disabilities requesting accommodations must register with DRC to establish a record of their disability.”

More about Cheating. At SJSU, cheating is the act of obtaining or attempting to obtain credit for academic work through the use of any dishonest, deceptive, or fraudulent means. Cheating at SJSU includes but is not limited to:

Copying in part or in whole, from another’s test or other evaluation instrument;
Submitting work previously graded in another course unless this has been approved by the course instructor or by departmental policy. Submitting work simultaneously presented in two courses, unless this has been approved by both course instructors or by departmental policy. Altering or interfering with grading or grading instructions; Sitting for an examination by a surrogate, or as a surrogate; any other act committed by a student in the course of his or her academic work which defrauds or misrepresents, including aiding or abetting in any of the actions defined above.

More about Plagiarism. At SJSU plagiarism is the act of representing the work of another as one’s own (without giving appropriate credit) regardless of how that work was obtained, and submitting it to fulfill academic requirements.

Plagiarism at SJSU includes but is not limited to the act of incorporating the ideas, words, sentences, paragraphs, or parts thereof, or the specific substances of another’s work, without giving appropriate credit, and representing the product as one’s own work; and representing another’s artistic/scholarly works such as musical compositions, computer programs, photographs, painting, drawing, sculptures, or similar works as one’s own.

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Students With Disabilities

Campus policy. In compliance with the Americans with Disabilities Act:

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Cell Phones

Students will turn their cell phones off or put them on vibrate mode while in class. They will not answer their phones in class. Students whose phones are disrupting the education process will be dealt with by:

Computer Use

In the classroom, you may use computers only for class-related activities such as taking notes on the lecture underway, following the lecture on Web-based Power Point slides that the instructor has posted, and finding Web sites to which the instructor directs students at the time of the lecture. Students who use their computers for other activities or who abuse equipment in any way, at a minimum, will be asked to leave the class and lose participation points for the day, and may be referred to the Judicial Affairs Officer of the University for prohibited uses of campus computers (Such referral can lead to suspension from the University). Students are urged to report to their instructors computer use that they regard as inappropriate (i.e., used for activities that are offensive or not class related).

Attendance

Attendance may not be taken at the start of each class, but a short sketch will be assigned during the first 5 minutes of class (don't be late). If you miss a class you are responsible for any material discussed or assignments given. A large portion of class will be used for problem solving in small groups. All students are expected to participate in class discussions and problem solving. Students who are often absent will find themselves at a disadvantage in the execution of the lab assignments but more importantly they will be a safety hazard to themselves and the others in the lab.

Safety Violations (by you or people around you) a **grade lower** for each major violation. (Ouch!)

Major safety violations include:

Regular safety violations include:

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Possibility of making this up by: _____