



**COURSE SYLLABUS**  
**TEMT 1025**  
**INTRO TO MACHINING**  
**SALT LAKE TECHNICAL COLLEGE (SLTech)**  
**0 Credit/20 Hours**

**Required Course Materials:** Safety Glasses (Z87)

**Textbook:** No book required

**Communication:** Please use Canvas for all communications if applicable, otherwise my e-mail and phone number can be used. I will answer all communications promptly.

**COURSE DESCRIPTION:** This course is an overview of the job performances and attitudes expected in the machinist industry. In addition, possible career paths will be discussed. The student will be familiar with general safety precautions in the shop and how to use basic measuring instruments.

**LEARNING OUTCOMES:**

- Students will be able to define and apply the safety methods and rules pertaining to the machining industry.
- Students will be able to define the expectations of the machining profession.
- Students will be able to demonstrate the proper use of measuring equipment.

**COURSE SCHEDULE:**

Monday, Tuesday, Wednesday, Thursday 5:00 PM to 10:00 PM

**GRADING:** This course is a pass/fail. Passing will be awarded **MC** (Master of Competency) or **NM** (Not mastered).

**MC**=80% or Higher on Assessments

**NM**=79% of Lower on Assessments

**POLICIES AND EXPECTATIONS:**

- Attendance is mandatory in order to participate in any Demonstrations by the Instructor.
- Please be on time, as Class starts at 5:00 pm.

- Students are expected to be respectful to each other at all times.
- Working together with other students is strongly encouraged.
- Headphones are not allowed, due to safety concerns of being distracted.
- There is no make-up policy, so please do everything possible to attend class
- Please refer to Canvas for **the Institutional Syllabi**

This current course, and the entire program, is of a CBE/Hybrid Modality. It is essential to attend class on Lab days (Mondays and Wednesdays), while attendance is optional on Tuesdays and Thursdays (computer lab days). The computer portion of this course can be done in the comforts of you home if desired. We do have a computer Lab dedicated and reserved for this program (Room 126). This Lab will be open from 2 pm-10pm, Mon-Thur. We are very flexible for students using the computer lab so please see your instructor to make special arrangements if you need to use the lab at any other times.

### **INCLUSIVITY STATEMENT**

This course is open to Everyone, regardless of race, color, national origin, language, sex, disability, age, sexual orientation, gender identity, religion, creed, ancestry, belief, veteran status, or genetic information. This program is all about Manufacturing, and what is expected of you when you enter industry. Student to Student collaboration is strongly encouraged, as this mimics industry standards. If for any reason something was said or done in class by anyone, please don't hesitate to talk with me about it. My Cell phone is listed on this syllabus, and I am always available 24/7

### **SAFETY**

Safety rules have been put into place to protect you as well as other students. Any student caught acting unsafe, in anyway, will jeopardize your enrollment in the class. Make sure you know and understand and adhere to all safety rules.

### **SAFETY: Student Copy**

1. Student will read and initial all 15 rules on the Department copy. The department copy will be given to the instructor on the first day of class. Your initials indicate that you completely understand and are willing to adhere to all safety rules.



2. Student will wear safety glasses at all times while in the machine shop area.
3. Students will wear short sleeves above the elbow.
4. Students will wear no loose clothing that may become tangled in the machinery.
5. Students will remove all jewelry.
6. Students with hair below the ears will contain it in a cap or net.
7. Students will not run or engage in any unsafe conduct in the shop.
8. Students will never attempt to run a machine that has any guards removed.
9. Students will never leave a machine while the machine is in motion.
10. Students will clean, wipe down, and remove all chips from the machine after each use.
11. Students will sweep around the machine and discard all chips from floor after each use.
12. Students will replace all tools used after each use.
13. Students will never leave the lathe chuck key in the lathe chuck.
14. Students will stop machine before making any adjustments or measurements.
15. Machinery will be operated by only one student at a time.



**SAFETY:** *Department Copy*

1. Student will read and initial all 15 rules on the Department copy. The department copy will be given to the instructor on the first day of class. Your initials indicate that you completely understand and are willing to adhere to all safety rules.
2. Student will wear safety glasses at all times while in the machine shop area.
3. Students will wear short sleeves above the elbow.
4. Students will wear no loose clothing that may become tangled in the machinery.
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