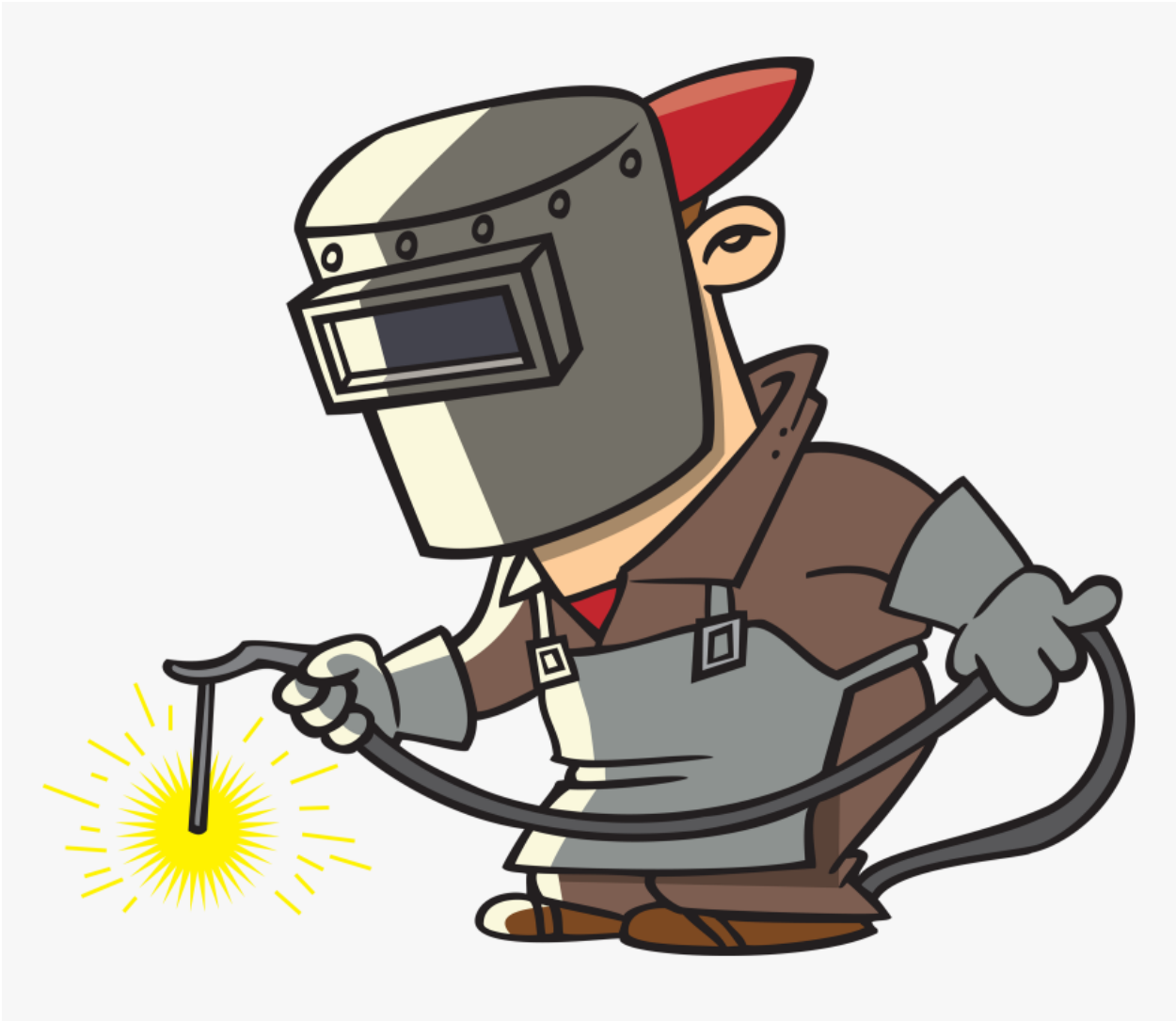


# Welding

Grasso Technical High School



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Welding Instructor

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### SHOP EXPECTATIONS

**Shop Uniform-** Student must have a Welding shop shirt (tucked in), proper fitting pants with a belt (if pants are too baggy, won't stay at an appropriate height or not durable enough they can create a safety hazard and are not permitted), safety toe work boots (no hiking boots or sneakers) and safety glasses to participate in shop activities.

**Shop and Theory Equipment-** Students must have one three ring notebook, dividers, a calculator and pencil for theory. Students will be expected to maintain a neat notebook with all notes and handouts. Periodic notebook quizzes will be given. Students will be required to obtain a small list of tools for their use in shop. They also must buy one school lock with two keys to secure their belongings

**Grading-** grading is broken up into the following percentages;

The grading for CTE (Career and Technical Education) programs will be structured as follows:

- **Assignments:** 20% of the semester grade

Includes homework, classwork, participation, and other daily activities.

- **Assessments:** 30% of the semester grade

Includes quizzes, tests, mid-term exams, and other formal evaluations.

- **Production/Projects:** 50% of the semester grade

Includes hands-on projects, lab work, practical exercises, and other major tasks related to the technical and

practical aspects of the course.

### District Summative Assessments (DSAs)

There will be two District Summative Assessments (DSAs) during the academic year. Each DSA will

contribute 10% to the final year (Y1) grade, making up 20% of the total grade.

- **DSA 1:** 10% of the final grade

- **DSA 2:** 10% of the final grade Includes quizzes, tests, mid-term exams, and other formal evaluations.

Includes hands-on projects, lab work, practical exercises, and other major tasks related to the technical and

practical aspects of the course.

I can't stress enough that if students don't have safety equipment, tools or are not present they cannot participate and will receive a zero for shop participation.

**Absent-** Students will have three days to complete missed assignments that are written on their timecards to receive credit. All make up quizzes/tests or quiz/test retakes must be done after school with instructor's approval. Daily participation make-up will be discussed with instructor.

**Shop Projects-** Students will be required to construct several projects as part of the program curriculum. Students can purchase their own material and weld wire for personal projects.

**Production Work-**

**Books-** Students are responsible for all assigned books and should cover them. Any lost or damaged books will have to be paid for.

## SHOP RULES

1. All school rules and procedures apply in the shop and outside production. (see school handbook for a list of rules and procedures)
2. Uniforms must be worn at all times in shop and outside production (see shop expectations for uniform descriptions)
3. Safety glasses must be worn at all times during any hands-on work.
4. Loose clothing and jewelry must be removed and long hair must be tied back to prevent any safety risks and injuries.
5. Cellphones and earbuds are not allowed in shop they must be put away in a locker or book bag.
6. All accidents, injuries and tool damage must be reported to the instructor immediately.

7. Before students can use any tools or material they must have instructor approval and must have passed any safety requirements. While using any equipment or tools all safety procedures must be adhered to.
8. All equipment and tools used, should be inspected daily; any concerns should be brought to the instructor's attention.
9. Consumption of food or drink is prohibited in the shop or theory room.
10. Students must stay in their assigned area unless given permission to leave.
11. Students must act professional at all times including using appropriate language and not fooling around.
12. Students should not vandalize or misbehave on the production bus, and should not enter the bus without an instructor present.

These rules and expectations were created to keep everyone safe and to maximize learning, any deviation from what's listed will constitute an appropriate discipline and a lowered daily grade.

## **WELDING DAILY GRADE**

### **OUTSTANDING (100-90)**

- Act as a leader by helping others and organizing your team
- Follow all safety protocol
- Show respect to all shop members and communicate appropriately
- Complete work in a timely manner to a professional quality (no errors)
- Complete work without teacher direction
- Have all required theory and shop equipment

### **GOOD (89-80)**

- Follow all safety protocol
- Show respect to all shop members and communicate appropriately
- Complete work in a timely manner to a good quality (minimal errors)
- Complete work with little teacher direction

- Missing 1 required pieces of theory or shop equipment

#### **AVERAGE (79-70)**

- Make minor safety errors
- Attitude and communication could use some improvement
- Complete assigned work slowly to a below average quality (frequent errors)
- Show little initiative by putting forth no extra effort and having trouble staying on task
- No judgment on your part as to how to carry out assigned work
- Missing 2-3 required pieces of theory or shop equipment

#### **BELOW AVERAGE (69-60)**

- Make frequent safety errors
- Poor attitude or communication
- Constantly distracted, fooling around and off task
- Complete work very slowly to a poor quality (lots of errors/must be redone)
- Show no initiative by putting forth little to no effort
- Missing 4 or more required pieces of theory or shop equipment

#### **UNACCEPTABLE (59-0)**

- Discipline problem (safety, behavior, attitude and incomplete work)
- Shows little to no participation
- Frequent absences
- Taking tools or material from shop without permission

### **GRASSO TECH WELDING & FABRICATION**

Dept. Head: Mr. Gregoire

Instructor: Mr. Deming

The following are required tools and supplies for this shop:

Note: starred items are needed to start other items later

- |  |  |
|--|--|
| • *Welding helmet #10 shade or auto dark | • *Slag Pick                           |
| • *Welding Jacket                        | • *Hand Wire Brush                     |
| • *Heavy Duty Welding Gloves             | • Tig Welding Gloves                   |
| • *Work gloves(Leather)                  | • Tungsten 3/32Part Number RAD64002263 |
| • *3 Sets of Safety Glasses              | • Collet Part Number-RAD64005449       |
| • *Mig welding gloves                    |  |

- Collet Body Part Number  
RAD64005456
- Cutting Goggles w shade 5
- \* 12" compound square
- 2 magnetic squares
- Tape Measure
- Notebook and Pencil
- \*Paint Pen yellow or white
- Hammer
- \*Soap Stone and Holder
- pointed punch
- med. size ball  
peen
- 12" adjustable Wrench
- \* grinding wheels as needed\* (2 to  
start)
- \* 4 1/2" angle grinder
- Small tool bag
- Locking Pliers
- \*Mig Pliers(Welpers)
- striker w/ flints
- Torch tip cleaner

### Welding Technology and Fabrication



Ella T. Grasso Technical High School  
 189 Fort Hill Rd  
 Groton, Ct 06340  
[\(860\) 448-0220](tel:8604480220)

### Welding Technology and Fabrication Cell Phone Policy

**In response to a growing number of students having their cell/smart phone in class the Welding Department is instituting the following Cell phone policy in shop this year. While cell phones can be an integral to the educational process, often they are merely a distraction in class. Employers have also expressed growing concern over the distraction they provide during work hours. In an effort to keep in align with the future of the student's careers, the following policy will be adhered to:**

- Upon entry into class before the morning bell, students will silence their phone (preferably shut it off) and place it into their backpacks.
- The phone will remain there until lunch, at which time the student is free to take it with them to the cafeteria.
- Upon returning to class it will be returned to their backpack (preferably shut off).

- Their phone may be retrieved and taken with them when they leave the shop.
- Violation of the above policy will consist of the following:
  1. A verbal warning will be issued **once**, and the student will be asked to adhere to the policy.
  2. A second violation will result in a detention and the student will be asked to place their phone in their assigned shop locker.
  3. Any further violations will be referred to administration for discipline.
- Both Mr. Gregoire and Mr. Deming recognizes that there are some circumstances in which parents or guardians need to get in touch with their children. If the need arises please contact the main office at (860)- 448-0220. You may also reach out to Mr. Gregoire or Mr. Deming directly at the following number:

Gregoire, Shaun  
 Department Head, Welding/Shipfitting  
[Shaun.Gregoire@cttech.org](mailto:Shaun.Gregoire@cttech.org)  
 (860) 448-0220 x829  
 (Continued on back)

Deming, Richard  
 Instructor, Welding/Shipfitting  
[Richard.Deming@cttech.org](mailto:Richard.Deming@cttech.org)  
 (860) 448-0220 x829

We will make every effort to see that your son\daughter contacts you as soon as possible. If there are any extenuating circumstances please contact us directly.

**I have read the cell phone policy, understand the rules set forth, and agree to comply with this policy.**

_____	_____
Student signature	Date
_____	
Print student name	
_____	_____
Parents signature	Date
_____	
Print Parents name	

**Uniforms & PPE are Required:** Stillman Uniforms is our chosen supplier for uniforms you can purchase them at; [stillmanuniformsri.com](http://stillmanuniformsri.com) . Pants can be purchased anywhere as long as they are cotton. Shoes must be high top leather, safety toe. **Please note for safety reasons no frayed or torn clothing will be allowed .**

**Student Signature:** \_\_\_\_\_

**Parent / Guardian signature:** \_\_\_\_\_

## Welding Packet Acknowledgement

The expectations and policies in this packet were created to keep everyone safe and to maximize learning, any deviation from what's listed will constitute an appropriate discipline and a lowered daily grade. The contents of this packet include:

- Shop Expectations (Grading Policy)
- Shop Rules
- Daily Grade Rubric
- Tool List
- Cell Phone Policy
- CTHSS Bus Policy

Signing below will signify that you have read, understood and agree to follow the expectations and policies for the Welding shop.

Student Name \_\_\_\_\_

*print*

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_