

NEW STUDENT INFORMATION

- New students must fill out the application for admission to Cerritos College to obtain their student number. You can fill out the application online by going to www.cerritos.edu or you can apply in person at the Admissions Office on campus.
- **IMPORTANT:** When filling out the application, line 20 asks: “What is your immediate educational goal?” You must check box #7 (Prepare for a new career – acquire job skills). If you do not check box #7, you will have to take the math, reading and language assessment tests before you can start taking classes at the College. If you want to bypass all of these tests and start taking classes as soon as possible, check box #7 on line 20 of your application. Also
- When filling out the application, enter **ARC WELDING CERTIFICATE** on line #14. This is your major or area of study.
- The registration process at Cerritos College is a completely automated computerized system. **Note:** Instructors have no access or control over the registration process.
- Students may only register for the upcoming semester during the registration window.
- The computerized registration system will not allow students to register for semesters in the future. There is no sign up or priority waiting lists for future semesters.
- Make every effort to register on the day and time of your appointment. You may register at any time after your appointment date up to the weekend before the new semester begins.
- If you are successful in enrolling in a class, be sure to pay ALL your fees within 5 days or you will be dropped.
- If the class you want is full, add yourself to the waiting list. You must pay ALL your fees within 5 days to remain on the waiting list.
- If you have a fee waiver, this does not cover your student health fee or your parking fee. Be sure you pay ALL your fees or you will be dropped.
- If the waiting list is full, don’t give up. The waiting list can change daily, so be sure to check the list every day to see if a spot opens up. (The waiting list holds a maximum of ten people).
- If you are on the waiting list or the waiting list is full, there is still a chance you can be added to the class. You must attend the first 20 minutes of the first class meeting of the class you are trying to enroll in. There may be spots that open up if registered students do not show up.
- If you are enrolled in a class and are not present when the instructor calls roll on the first of day of class, you will be dropped. If you are late to the first class meeting, you will forfeit your seat in the class.

NEW STUDENT REGISTRATION OPTIONS

Because of prerequisite requirements, new students must start the Welding Program with the following classes. The following classes may be taken by new students with no previous welding experience.

- WELD 100 – Welding Fundamentals *(2.5 units)*
(This course meets one day per week for 4 hours)
or
- WELD 120 – Beginning Arc Welding *(5.0 units)*
(This course meets twice per week for 4 hours per class session)
or
- WELD 100 & WELD 120 concurrently during the same semester
or
- WELD 130 Gas Tungsten Arc Welding Fundamentals *(5.0 units)*
(This course meets twice per week for 4 hours per class session)

- It is highly recommended that new students complete one semester of Welding classes before attempting to take WELD 39 Shop Math, and or WELD 50 Blueprint Reading for Welders.
- It is also highly recommended that new students do not attempt to take WELD 220 Certification and Licensing for Welders until completing WELD 200 Intermediate Arc Welding, or concurrently enrolled in WELD 210L Arc Welding Applications.
- WELD 220 Certification and Licensing for Welders is a highly technical lecture only course and should only be taken by students with four semesters of Welding Experience.
- Transfer students or students with several years of Welding Experience should seek counseling with a Welding Instructor.

Frequently Asked Questions

1. How long does it take to be certified?

- A person starting the Welding Program with no previous welding experience can normally get certified in 3 to 4 semesters.
- Classes required to get certified include: WELD 120, 200, 210L, 220.

2. Do I need a high school diploma or GED?

- No. You do not need a high school diploma or GED to take welding classes.
- Students may become certified and licensed welders without a high school diploma.

3. I do not have any experience in welding, what classes should I start with?

- Students should start the Program by enrolling in WELD 100, WELD 120 or WELD 130.

4. I have some welding experience, what classes should I start with?

- If you have several years of experience, were previously certified, or have completed an apprenticeship program or another college or trade school program, you may take the following classes that do not have prerequisites.
- WELD 39 – Welding Shop Math
- WELD 50 – Blueprint Reading for Welders
- WELD 220 – Certification & Licensing for Welders
- Because of prerequisites, experienced students must start the Program with WELD 120. If you have several years of experience or have previously been certified you may want to speak with a counselor to see if you qualify for a prerequisite waiver.

5. Can Instructors help register students?

- No. Instructors have nothing to do with the registration process.
- Students must register themselves at Cerritos.edu
- The computer controls all aspects of the registration process.

6. What type of classes do you offer?

- Cerritos College offers classes and certifications in the most commonly used welding processes.
- Cerritos College offers the following special classes not offered at other colleges:
 - WELD 39 – Welding Shop Math
 - WELD 50 – Blueprint Reading
 - WELD 53 – Pipe Layout
 - WELD 170 – Structural Fabrication
 - WELD 270 – Structural Layout

7. What type of welding certifications does Cerritos College offer?

- Cerritos College offers eight different certifications.
- The most common and most important certification is the L.A. City Structural Steel Certification and License.

8. **What personal equipment do I need to have before starting the Welding Program?**

- Students must furnish their own safety equipment.
- New students will need about \$120.00 worth of equipment.
- This equipment will be usable for several years.
- Instructors will give each student a list of equipment needed on the first class meeting.
- Students will need all equipment by the start of the second week of the semester.

9. **What does it cost to take a welding class?**

- The cost of a class depends on how many units the class is.
- Classes are \$36.00 per unit and classes range from 1 to 5 units.
- Students must also pay the following additional fees: Student I.D. fee, health fee, and an optional parking fee. Costs for these additional fees vary per semester.
- Financial Aid is available for students that qualify. Contact the Financial Aid Department for more information.
- Welding Instructors cannot help with or answer financial aid questions.

10. **How much do welders make an hour?**

- A welder with limited experience and no certification will earn a pay rate of \$10.00 to \$14.00 per hour.
- A certified and licensed welder makes about \$15.00 to \$20.00 per hour.
- A multi-certified and licensed welder with blueprint reading skills and fabrication experience can earn \$20.00 to \$40.00 per hour.
- Certified Journey Level Union Welders can earn an average of \$28.00 to \$48.00 per hour.

11. **If I want to make the most money as a welder, what should I do?**

- Get as many certifications as you can.
- Learn skills in fabrication and blueprint reading.
- Diversify by taking as many welding classes as possible.
- After you get certified in Structural Steel, continue your education and get certified in Pipe Welding.

12. **How does a person get pipe certified?**

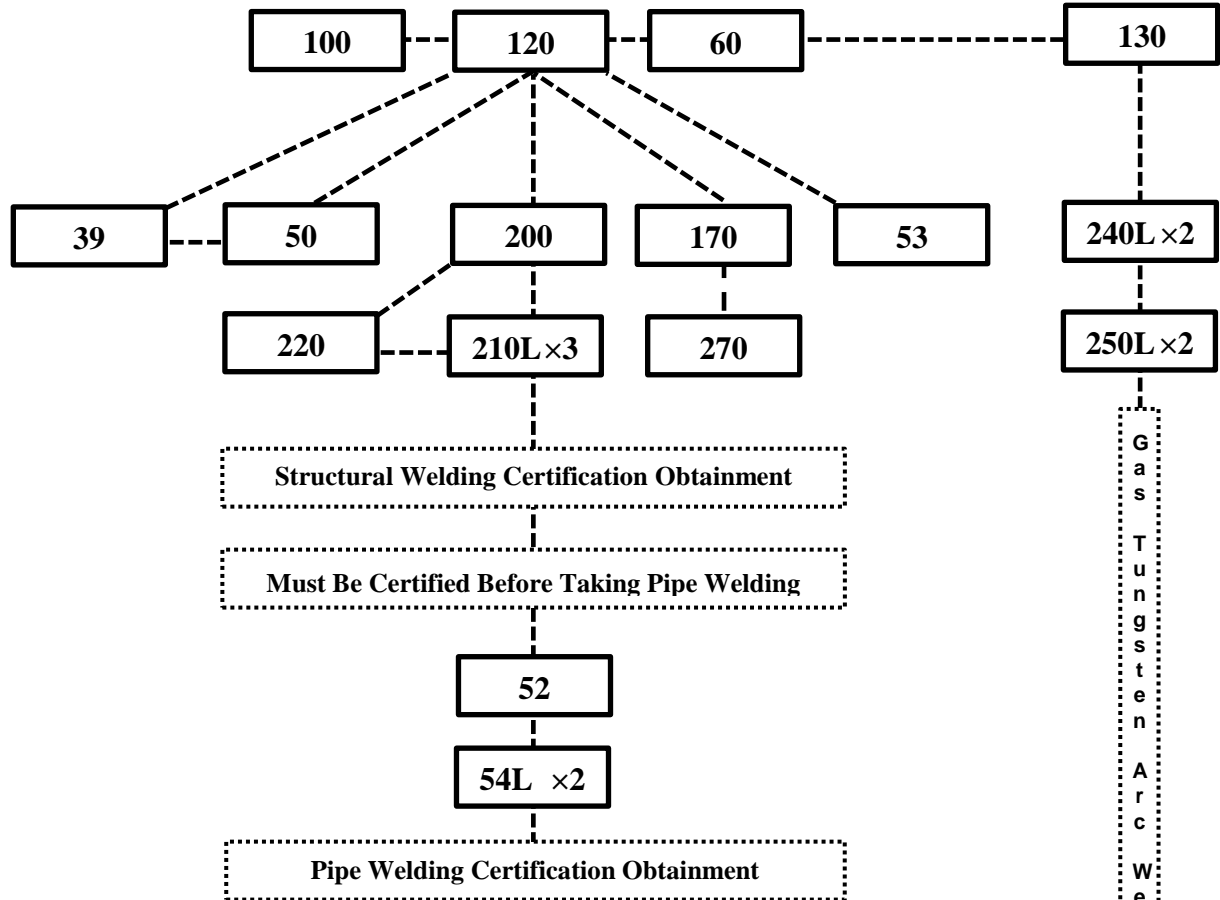
- Pipe welding requires some of the most advanced skills in the field of welding. For this reason, only students that have completed WELD 210L and attained a structural steel certification may take the WELD 52 and WELD 54L pipe welding classes.

13. **If I become certified, what companies would want to hire me?**

- Graduates of the Welding Program work in many industries and with a variety of companies, unions, and city and state agencies including:
- Los Angeles Department of Water and Power
- The Gas company
- The Metropolitan Water District
- Edison Power Company
- Honeywell and Boeing Aerospace Companies
- Disneyland, Magic Mountain, and Knotts Berry Farm
- Arco, Shell, Chevron, British Petroleum, etc.
- Local Unions, including: Iron Workers, Steam Fitters, Elevators, Pile Drivers, Mill Wrights, Electrical, etc.

WELDING CERTIFICATION ROAD MAP

New Students may start the Program by taking one of or all of the following classes: Weld 100, Weld 120, and or Weld 130



- | | |
|--|---|
| <ul style="list-style-type: none"> • Weld 100 Welding Fundamentals • Weld 120 Beginning Arc Welding • Weld 130 GTAW Fundamentals • Weld 60 Welding Shop Safety • Weld 39 Welding Shop Math • Weld 50 Blueprint Reading • Weld 200 Intermediate Arc • Weld 170 Structural Fabrication | <ul style="list-style-type: none"> • Weld 53 Pipe Layout • Weld 240L Adv. GTAW Laboratory • Weld 220 Licensing For Welders • Weld 210L Adv. Arc Welding Applications • Weld 270 Structural Layout • Weld 250L Adv. GTAW Applications • Weld 52 Pipe Welding Fundamentals • Weld 54L Adv. Pipe Welding |
|--|---|

UNIVERSAL WELD 100 & 120 EQUIPMENT LIST

CERRITOS COLLEGE WELDING SUPPLY PARTNERS

MPB Equipment – Welding Supplies & Industrial Gases 9551 Artesia Blvd, Bellflower, 90706 (562)804-9075	Airgas 4007 Paramount Blvd, Lakewood, 90712 (562)497-1981 www.airgas.com	Cameron Welding Supply 11061 Dale Ave, Stanton, 90680 (714)530-9353 www.cameronwelding.com	Sims Welding Supply 2445 South St. Long Beach, 90805 (562)728-5500 www.simswelding.com
---	--	--	---

NOTE: ALL OF THE ITEMS BELOW SHOULD BE PURCHASED FROM A WELDING SUPPLY STORE. ALSO, MAKE SURE TO MENTION THAT YOU ARE A CCC STUDENT TO RECEIVE A DISCOUNT

WELD 100 & 120 STUDENT START UP PACKAGE	DELUXE WELD 100 & 120 STUDENT STARTUP PACKAGE
CLEAR SAFETY GLASSES	CLEAR SAFETY GLASSES
GAUNTLET STYLE ARC WELDING GLOVES	GAUNTLET STYLE ARC WELDING GLOVES
LEATHER CAPE SLEEVES W/BIB OR LEATHER WELDING JACKET	LEATHER CAPE SLEEVES W/BIB OR LEATHER WELDING JACKET
FLIP FRONT WELDING HELMET	FLIP FRONT WELDING HELMET
100% COTTON WELD CAP	100% COTTON WELD CAP
SLAG CHIPPING HAMMER	WOODEN HANDLE SLAG CHIPPING HAMMER
1" STAINLESS STEEL TOOTH BRUSH	1" STAINLESS STEEL TOOTH BRUSHES (3pcs.)
LONG HANDLE WIRE BRUSH (for arc welding)	LONG HANDLE WIRE BRUSH
STANDARD TIP CLEANER (for oxyfuel cutting torch)	STANDARD TIP CLEANER (for oxyfuel cutting torch)
FLINT STRIKER (for lighting oxyfuel cutting torch)	FLINT STRIKER (for lighting oxyfuel cutting torch)
9" VICE GRIPS (buy only vice grip brand)	9" VICE GRIPS (buy only vice grip brand)
8" DIAGONAL CUTTING PLIERS	8" DIAGONAL CUTTING PLIERS
SOAPSTONE (like chalk for marking on steel)	SOAPSTONE (like chalk for marking on steel)
#5 SHADED COMFORT CUTTING GOGGLES WITH FLIP FRONT LENS	#5 SHADED COMFORT CUTTING GOGGLES WITH FLIP FRONT LENS
GTAW WP 20 TORCH KIT: 3/32" TUNGSTEN, 3/32" COLLET, 3/32" COLLET BODY, # 6 CERAMIC CUP, 7" TIG TORCH END CAP, & WP 18 TORCH GASKET *(for the weld 100 class)*	GTAW WP 20 TORCH KIT: 3/32" TUNGSTEN, 3/32" COLLET, 3/32" COLLET BODY, # 6 CERAMIC CUP, 7" TIG TORCH END CAP, & WP 18 TORCH GASKET
GTAW-TIG WELDING GLOVES*(for the weld 100 class)*	45V43 GAS LENS FOR 1/16" TUNGSTEN
\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$	GTAW - TIG WELDING GLOVES
APPROXIMATE COST = \$125.00	APPROXIMATE COST = \$205.00

HIGHLY RECOMMENDED TO PURCHASE AN SMAW ELECTRODE HOLDER/STINGER WHIP COMBO, WHICH IS ONLY AVAILABLE THROUGH MPB EQUIPMENT – WELDING SUPPLIES & INDUSTRIAL GASES