



FOUR CERTIFICATES OF ACHIEVEMENT ARE AVAILABLE

- **ARC WELDING**
- **GAS TUNGSTEN ARC WELDING**
- **PIPE WELDING**
- **WELDING FABRICATION AND LAYOUT**

AA DEGREE IS ALSO AVAILABLE

ARC WELDING CERTIFICATE (19 UNITS)

- WELD 49 Welding Shop Math (4 units).....completed
- WELD 59 Blueprint Reading for the Welding Trades (4 units).....completed
- WELD 120 Beginning Arc Welding (5 units)completed
- WELD 200 Intermediate Arc Welding (4 units).....completed
- WELD 210L Advanced Arc Welding Laboratory (2 units).....completed

GAS TUNGSTEN ARC WELDING CERTIFICATE (18 UNITS)

- WELD 49 Welding Shop Math (4 units).....completed
- WELD 59 Blueprint Reading for the Welding Trades (4 units).....completed
- WELD 120 Beginning Arc Welding (5 units)completed
- WELD 130 Gas Tungsten Arc Welding Fundamentals (5 units).....completed

PIPE WELDING CERTIFICATE (25 UNITS)

- WELD 49 Welding Shop Math (4 units).....completed
- WELD 52 Pipe Welding Fundamentals (4 units).....completed
- WELD 53 Pipe Layout (2 units)completed
- WELD 59 Blueprint Reading for the Welding Trades (4 units).....completed
- WELD 120 Beginning Arc Welding (5 units)completed
- WELD 200 Intermediate Arc Welding (4 units).....completed
- WELD 210L Advanced Arc Welding Laboratory (2 units).....completed

WELDING FABRICATION AND LAYOUT CERTIFICATE (24 UNITS)

- WELD 49 Welding Shop Math (4 units).....completed
- WELD 53 Pipe Layout (2 units)completed
- WELD 59 Blueprint Reading for the Welding Trades (4 units).....completed
- WELD 120 Beginning Arc Welding (5 units)completed
- WELD 170 Structural Fabrication (2 units)completed
- WELD 200 Intermediate Arc Welding (4 units).....completed
- WELD 270 Structural Layout (3 units).....completed

New Students and or 1st Semester Students may only take the following classes

New Students can choose to take any one of these classes by itself or more ambitious students may choose to take two, three, or all four classes simultaneously during their 1st semester

- WELD 60 (1 unit) - Safety and the Welding Environment
- WELD 100 (2.5 units) - Welding Fundamentals
- WELD 120 (5 units) - Beginning Arc Welding
- WELD 130 (5 units) - Gas Tungsten Arc Welding Fundamentals

2nd Semester Students and or Continuing Students may take any of the following classes and/or any classes listed above

- WELD 49 (4 units) - Welding Shop Math
- WELD 53 (2 units) - Pipe Layout
Prerequisite: WELD 120
- WELD 59 (4 units) - Blueprint Reading for the Welding Trades
- WELD 170 (2 units) - Structural Fabrication
Prerequisite: WELD 100 or 120 or 130
- WELD 200 (4 units) - Intermediate Arc Welding
Prerequisite: WELD 120
- WELD 240L (2 units) - Intermediate Gas Tungsten Arc Welding Laboratory
Prerequisite: WELD 130

3rd Semester and or Continuing Advanced Students may take the following classes and or any classes listed above

- WELD 210L (2 units) - Advanced Arc Welding Laboratory
Prerequisite: WELD 200
- WELD 212L (2 units) - Shielded Metal Arc Welding (SMAW) Certification Laboratory
Prerequisite: WELD 210L
- WELD 214L (2 units) - Flux Cored Arc Welding (FCAW) Certification Laboratory
Prerequisite: WELD 210L
- WELD 81L (1 unit) - Shielded Metal Arc Welding (SMAW) Specialty Laboratory
Prerequisite: WELD 120
- WELD 82L (1 unit) - Semiautomatic Welding Process Specialty Laboratory
Prerequisite: WELD 120
- WELD 83L (1 unit) - Gas Tungsten Arc Welding (GTAW) Specialty Laboratory
Prerequisite: WELD 130
- WELD 220 (2 units) - Certification and Licensing for Welders
Prerequisite: WELD 200
- WELD 250L (2 units) - Advanced Gas Tungsten Arc Welding Laboratory
Prerequisite: WELD 240L
- WELD 260L (2 units) - Gas Tungsten Arc Welding (GTAW) Aerospace Certification Laboratory
Prerequisite: WELD 250L
- WELD 52 (4 units) - Pipe Welding Fundamentals
Prerequisite: WELD 210L
- WELD 54L (2 units) - Advanced Pipe Welding
Prerequisite: WELD 52
- WELD 56L (2 units) - Arc Welding 6" Pipe Certification Laboratory
Prerequisite: WELD 54L
- WELD 58L (2 units) - Arc Welding 2" Pipe Certification Laboratory
Prerequisite: WELD 56L

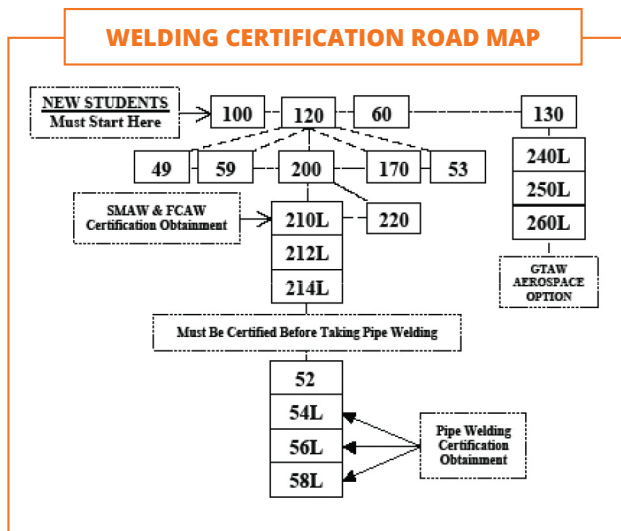
For detailed course descriptions, please refer to the current General Catalog: www.cerritos.edu/catalog

Interested in enrolling at Cerritos College?

Please refer to the step-by-step enrollment process: www.cerritos.edu/futurestudents

Want to apply to get your certificate?

1. Make sure you meet the requirements for the certificate.
 - a. Determine which form to fill out and download the form at: <http://cms.cerritos.edu/admissions-and-records/online-forms/>
 - i. Petition for Certificate: Petition to graduate with a Certificate of Achievement
 - ii. Petition for Degree: Petition to graduate with an Associate in Arts
2. Fill out the appropriate form and meet with a counselor.
 - a. Make an appointment by calling (562) 860-2451, ext. 2231 or use Online Counseling at: <http://cms.cerritos.edu/counseling/online-orientation.htm>



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www.cerritos.edu/welding



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