COURSE CATALOG

Effective January 1st, 2025, through December 31st, 2026

California Welding Institute LLC

951-805-5955

www.socalwelding.com

Course Catalog

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Contact California Welding Institute LLC at 32081 Corydon St, Lake Elsinore, CA 92530

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As a prospective student, you are encouraged to review this catalog prior to signing an enrollment agreement. You are also encouraged to review the School Performance Fact Sheet, which must be provided to you prior to signing an enrollment agreement.

GENERAL

OUR MISSION & OBJECTIVES

California Welding Institute LLC is a dedicated occupational skills center. Our intensive, hands-on training programs are designed to get students certified and job-ready in a short time—without compromising quality. With a focus on efficiency, precision, and real-world application, we equip students with the expertise needed to meet industry welding standards and succeed in high-demand careers.

OUR HISTORY

Founded in 2007 by George Rolla, California Welding Institute was built on a passion for welding and a mission to train the next generation of skilled professionals. George, a 1975 graduate of Algonquin College, began his career as a pipe welder in Canada, later taking his expertise to the Arctic, North Dakota's petrochemical industry, and California's gas and construction sectors.

With decades of hands-on experience, George became an American Welding Society (AWS) Certified Welding Inspector and Educator in 2006, expanding into consulting, training, certification, and inspection services. Recognizing a global shortage of highly skilled welders, he launched a specialized training program that continues to produce top-tier welders using a proven, hands-on methodology.

Today, California Welding Institute remains dedicated to excellence in welding education, preparing students for high-demand careers in a rapidly growing industry.

AFFILIATIONS

California Welding Institute is an American Welding Society Educational Institution Member, and AWS Accredited Testing Facility (ATF) and an approved Welder Testing Agency for the Los Angeles Dept. Of Building & Safety (LADBS).

FACULTY

Administration: Mariana Ludmer, Operations Manager & Instructor.

Faculty: George Rolla, Chief Academic Instructor, Mariana Ludmer, Operations Manager & Instructor, and Bradley Cain, Instructor.

Our staff is composed of 3 faculty members, a chief academic instructor and two instructor. Our staff has over 50 years of experience combined.

Our Chief Academic Instructor is an AWS Senior Certified Welding Inspector, an AWS Certified Welding Engineer, AWS Certified Welding Educator and a Certified Welder. He has been in the welding industry since 1975 and holds numerous certifications, recognitions and awards from industry, along with an excellent reputation.

Our instructors are AWS Certified Welding Inspector, AWS Certified Welding Educator and Certified Welders. Both hold Bachelor's degrees, in management and education.

FACILITIES & EQUIPMENT

California Welding Institute is located at 32081 Corydon St, Lake Elsinore, CA, on a 1-acre property with a 2,000 sq. ft. facility.

Welding Lab is equipped with 14 welding workstations, and 3 oxyacetylene cutting & welding stations, metal shears, drill press and lathes. Outside work area equipped with 10 welding workstations, 3 grinding stations and 2 oxyacetylene cutting areas.

All classes are held at this location.

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APPROVAL & STATUS

California Welding Institute LLC is a private institution, approved to operate by the Bureau for Private Postsecondary Education (BPPE) since April 2018. The Bureau's approval means that the institution has complied with the standards set forth by the Bureau. The bureau does not endorse any programs and approval does not mean that the institution exceeds minimum state standards.

Per Ed. Code §94909(a), "Any questions a student may have regarding this catalog that have not been satisfactorily answered by the institution may be directed to the Bureau for Private Postsecondary Education at 1747 North Market Blvd Suite 225, Sacramento, CA 95834, www.bppe.ca.gov, toll-free telephone number (888) 370-7589 or by fax

(916) 263-1897, or (916) 574-8900."

Per Ed. Code §94909(a), "A student or any member of the public may file a complaint about this institution with the Bureau for Private Postsecondary Education by calling (888) 370-7589 toll-free or by completing a complaint form, which can be obtained on the bureau's internet web site www.bppe.ca.gov."

California Welding Institute has no pending petition in bankruptcy, is not operating as a debtor in possession, has not filed a petition within the preceding five years, or has not had a petition in bankruptcy filed against it within the preceding five years that resulted in reorganization under Chapter 11 of the United States Bankruptcy Code (11 U.S.C.

Sec. 1101 et seq.).

California Welding Institute is a non-accredited institution and does not offer a degree program; licensure is not required in the welding trades.

BPPE OFFICE OF STUDENT ASSISTANCE AND RELIEF

The Office of Student Assistance and Relief is available to support prospective students, current students, or past students of private postsecondary educational institutions in making informed decisions, understanding their rights, and navigating available services and relief options. The office may be reached by calling toll free telephone # (888) 370-7589 or by visiting www.bppe.ca.gov

STUDENT TUITION RECOVERY FUND (STRF)

In accordance with 5 CCR §76215(a), "The State of California established the Student Tuition Recovery Fund (STRF) to relieve or mitigate economic loss suffered by a student in an educational program at a qualifying institution, who is or was a California resident while enrolled, or was enrolled in a residency program, if the student enrolled in the institution, prepaid tuition, and suffered an economic loss. Unless relieved of the obligation to do so, you must pay the state-imposed assessment for the STRF, or it must be paid on your behalf, if you are a student in an educational program, who is a California resident, or are enrolled in a residency program, and prepay all or part of your tuition. You are not eligible for protection from the STRF and you are not required to pay the STRF assessment, if you are not a California resident, or are not enrolled in a residency program."

In accordance with 5 CCR §76215(b), "It is important that you keep copies of your enrollment agreement, financial aid documents, receipts, or any other information that documents the amount paid to the school." Questions regarding the STRF may be directed to the Bureau for Private Postsecondary Education, 1747 North Market Blvd, Suite 225, Sacramento, CA 95833, (916) 574-8900 or (888) 370-7589.

To be eligible for STRF, you must be a California resident or are enrolled in a residency program, prepaid tuition, paid or deemed to have paid the STRF assessment, and suffered an economic loss as a result of any of the following:

1. The institution, a location of the institution, or an educational program offered by the institution was closed or discontinued, and you did not choose to participate in a teach-out plan approved by the Bureau or did not complete a chosen teach-out plan approved by the Bureau.

2. You were enrolled at an institution or a location of the institution within the 120-day period before the closure of the institution or location of the institution or were enrolled in an educational program within the 120-day period before the program was discontinued.

3. You were enrolled at an institution or a location of the institution more than 120 days before the closure of the institution or location of the institution, in an educational program offered by the institution as to which the Bureau determined there was a significant decline in the quality or value of the program more than 120 days before closure.

4. The institution has been ordered to pay a refund by the Bureau but has failed to do so.

5. The institution has failed to pay or reimburse loan proceeds under a federal student loan program as required by law or has failed to pay or reimburse proceeds received by the institution in excess of tuition and other costs.

6. You have been awarded restitution, a refund, or other monetary award by an arbitrator or court, based on a violation of this chapter by an institution or representative of an institution, but have been unable to collect the award from the institution.

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7. You sought legal counsel that resulted in the cancellation of one or more of your student loans and have an invoice for services rendered and evidence of the cancellation of the student loan or loans.

To qualify for STRF reimbursement, the application must be received within four (4) years from the date of the action or event that made the student eligible for recovery from STRF.

A student whose loan is revived by a loan holder or debt collector after a period of non-collection may, at any time, file a written application for recovery from STRF for the debt that would have otherwise been eligible for recovery. If it has been more than four (4) years since the action or event that made the student eligible, the student must have filed a written application for recovery within the original four (4) year period, unless the period has been extended by another act of law.

However, no claim can be paid to any student without a social security number or a taxpayer identification number."

LANGUAGES

All courses are taught in English. Student must show English proficiency by providing a High School Diploma or GED from the United States, or by proving proficiency during the admissions interview. English language services (ESL) are not provided by California Welding Institute.

ACADEMIC RECORDS

California Welding Institute maintains indefinitely a permanent official transcript for all current and formerly enrolled students (i.e., graduates and terminated or withdrawn students). All other student records will be kept on file for 5 years. Students requesting a copy of their academic records must submit a written request using the official Transcript Request Form. For security and identity verification purposes, transcripts are released directly to the student and must be picked up in person with valid photo identification. Alternative arrangements may be considered on a case-by-case basis to ensure compliance with applicable laws and regulations.

STUDENT SERVICES

California Welding Institute offers the following student services: Admissions, Records, Career advise, financial aid, and a library.

California Welding Institute does not offer international student services, job placement, housing, meals, or distance education. Students are responsible for their own accommodations. Nearby hotels within 5 miles include Quality Inn Lake Elsinore and Holiday Inn Express & Suites Lake Elsinore, with rates averaging $150 per night (prices may vary—check online for details). The school does not provide dormitories or assist in finding housing.

LIBRARY

Students have access to California Welding Institute's library during training days only. To check out a publication, students must request permission from the Operations/Administrative Manager or Chief Academic Instructor. Publications are for use only at the library and may not be taken out of the library. Students may not make copies of any pages of any publication. For a copy of the Library Catalog & Policy, please ask one of our faculty members.

EMPLOYMENT ASSISTANCE

California Welding Institute provides career services support to all students and graduates. These services include assistance with job leads, resume development, and interview preparation to support students in obtaining employment during training and after graduation.

While the institution makes every effort to assist students in their job search and has had success in supporting employment outcomes, California Welding Institute does not guarantee employment or job placement. All employment opportunities are subject to individual effort, qualifications, and current labor market conditions.

NOTICE CONCERNING TRANSFERABILITY OF CREDITS AND CREDENTIALS EARNED AT OUR INSTITUTION

The transferability of credits you earn at California Welding Institute is at the complete discretion of an institution to which you may seek to transfer.

Acceptance of the Course Completion Certificate you earn in Welder Training Courses, Career Course Bundles, and Professional Development Courses, is also at the complete discretion of the institution to which you may seek to transfer. If the Certificates that you earn at this institution are not accepted at the institution to which you seek to transfer, you may be required to repeat some or all of your coursework at that institution. For this reason, you should make certain that your attendance at this institution meets your educational goals. This may include contacting an institution to which you may seek to transfer after attending California Welding Institute to determine if your certificate will transfer.

PROGRAM DESCRIPTION AND TRAINING METHOD

California Welding Institute offers **Welding Courses** and **Professional Development Courses.**

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Welding Career Course Bundles and Welding Courses are designed to prepare students for industry employment, focusing on certification-ready skills essential for high-paying welding jobs.

Training is intensive, hands-on, and bootcamp-style, requiring direct physical guidance from instructors (e.g., adjusting hands, arms, or body positioning). Sexual harassment is strictly prohibited per the Code of Conduct.

Instruction includes on-the-job-style lectures while welding, and occasional use of strong language, as is common in real-world welding environments. Courses are structured into modules, each requiring successful completion to progress. By enrolling, students agree to this training method and its rigorous, real-world approach.

Welding Career Course Bundles and Welding Courses Student Evaluation and Course Completion:

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher. Students will be graded for each exercise performed in class and during the final test for each course.

CLASS SIZE

For the **Welding Courses & Welding Career Course Bundles**, the maximum class size is 25 students. For new students, the maximum class size is 5 students per instructor for the first class.

For **Professional Development Courses**, the maximum class size is 20 attendees. These are lecture-based and designed for welding and quality control professionals looking to expand their knowledge. These courses vary in length, with most lasting less than 8 days and do not include hands-on welding.

CALENDAR

School Breaks / Holidays Observed:

No class on the following:

- Last week of August
- First week of September
- New Year's Day
- 4th of July
- Thanksgiving Day
- Christmas Day
- Memorial Day
- Labor Day

ATTENDANCE REQUIREMENTS

For the **Welding Courses & Welding Career Course Bundles**, students must adhere to the following class attendance requirements:

(1) Welding Classes are held every Tuesday and Thursday, from 7 AM to 3:30 PM, unless it falls on an observed holiday.

(2) Students must attend class as scheduled every Tuesday and Thursday from 7 AM to 3:30 PM (no exceptions).

(3) Students must arrive and check in no later than 7:00 a.m. Any student arriving after 7:10 a.m. will be considered late and may not be permitted to enter class, and the class session will be forfeited. All students are required to be in the lab, fully set up, and ready to begin welding no later than 7:10 a.m.

(4) Students who leave the premises or class during class hours may be subject to immediate dismissal.

(5) Interruptions for unsatisfactory attendance: Students are not allowed to miss class or be late to class. A student who is late or misses one or more class per course for any reason, may be permanently dismissed, and subject to the refund policy listed in this catalog. Missed classes are forfeited, no credits given for later use or make-up work. If a student calls out sick, they must provide a doctor's note upon returning to school. Failure to provide proper documentation may result in disciplinary action, up to and including dismissal.

For **Professional Development Courses**, students must adhere to the following class attendance requirements:

(1) Students must attend on the scheduled date.

(2) Students are not allowed to reschedule once given and accepted a date.

(3) Missed classes are forfeited, no credits given for later use.

Leave of absence policy: California Welding Institute does not offer leave-of-absence. Students who withdraw from the course enrolled in are not allowed to reschedule missed classes. Missed classes are forfeited, no credits given for later use.

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CLASS EQUIPMENT & MATERIALS

For the **Welder Training Courses & Career Course Bundles**, California Welding Institute provides students with workstations and equipment.

Students are required to purchase welding rod and material for certain courses, as specified in the course description.

Students are responsible for purchasing their own welding gear and hand tools. A list is provided for each course.

For Professional Development Courses, study material (books) must be obtained if required for the class.

STUDENT PERSONAL PROPERTY

The school bears no responsibility or obligation for any student's personal belongings that are lost, stolen or damaged on or off the school's premises. Students are responsible for taking all of their personal belongings with them at the end of each class.

CLASS SCHEDULE:

California Welding Institute offers Welding Courses, Welding Career Course Bundles, and Professional Development Courses.

Training schedule for Welding Courses and Welding Career Course Bundles: Tuesday and Thursday, 7 AM to 3:30 PM

7 AM to 7:10 AM - Sign-in & Set-up

7:10 AM to 9:30 AM - Training

9:30 AM to 9:40 AM - Break

9:40 AM to 11 AM - Training

11 AM- 11:30 AM - Lunch Break

11:30 PM to 1:30 PM - Training

1:30 PM to 1:40 PM - Break

1:40 PM to 3:10 PM Training

3:10 PM to 3:30 PM - Clean up & Sign out

For Professional Development Courses, the class days and schedule varies throughout the year. For current schedule, visit our website www.socalwelding.com

ADMISSIONS

Admissions Process and Eligibility Requirements:

Individuals seeking to enroll in the Welder Training Courses, Career Course Bundles, and Professional Development Courses must complete a two-step admissions process and meet all eligibility requirements outlined below.

General Eligibility Requirements:

- Must have high school diploma or its equivalent, or must have passed the Ability-to-Benefit Exam Wonderlic Basic Skills Test (WBST) and achieve a passing score of 200 for the Verbal test and 210 for the Quantitative test
- Must be at least 16 years of age
- Applicants under 18 must provide parent/guardian written consent
- Diplomas from other countries are not accepted.

Step 1: Informational Session

All prospective students are required to attend an information session. During this initial meeting, the school provides an overview of the program, including training expectations, physical requirements, attendance policies, financial aid, and career opportunities.

This step allows the institution to determine the applicant's general interest, understanding of the program, and readiness to proceed in the admissions process.

Step 2: Formal Interview and Admissions Evaluation

Following the information session the prospective student can book an admissions interview. During this interview, the institution evaluates whether the applicant demonstrates the ability to benefit from the program, including:

- English language proficiency
- Ability to follow instructions and communicate effectively
- Understanding of program expectations.
- Ability to see clearly at a distance of approximately 16 inches, with or without corrective lenses
- Steady hand control
- Manual dexterity in one or both hands
- Good hand-eye coordination
- Ability to seek work upon completion of the program

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California Welding Institute staff reserves the right to accept or not accept prospective students based on interview assessment.

California Welding Institute does not accept any credits earned at other institutions or through challenge examinations and achievement tests.

This institution has not entered into an articulation or transfer agreement with any other college or university. It only accepts welder qualification test records from its affiliate, Advanced Weldtec, Inc. to satisfy course pre-requisites.

California Welding Institute will review, evaluate and keep on record student's transcripts from prior institutions attended.

California Welding Institute does not award credit for prior experiential learning.

California Welding Institute does not admit International Students. No visa related services are offered by the institution.

FINANCIAL AID & SCHOLARSHIPS

(1) Student Loans:

California Welding Institute does not offer student loans. If a student obtains a loan to pay for the course(s), the student will have to repay the full amount of the loan plus interest, less the amount of any refund, and if the student receives federal student financial aid funds, the student is entitled to a refund of the moneys not paid from federal financial aid funds, in accordance with the cancellation and refund policy stated in this catalog.

(2) Veteran's benefits: California Welding Institute LLC accepts Veteran's Benefits.

(3) Financial aid: California Welding Institute does not participate in any federal financial aid programs, such as FAFSA.

(4) Scholarships: A link to each of the scholarship applications can be found on our website.

Per CEC94911(g)(1)(2), If a student defaults on a federal or state loan, both the following may occur:

The federal or state government or a loan guarantee agency may take action against the student, including applying any income tax refund to which the person is entitled to reduce the balance owed on the loan.

The student may not be eligible for any other federal student financial aid at another institution or other government financial assistance until the loan is repaid.

STUDENT'S FINANCIAL RESPONSIBILITIES

Students receiving financial aid of any kind, including but not limited to scholarships, grants, loans, employer sponsorships, or third-party funding, remain personally and financially responsible for all tuition, fees, tools, supplies, and charges not covered by the financing source.

Financial aid awards are subject to eligibility, approval, disbursement timing, and program requirements. Any balance not paid by the funding source becomes the sole responsibility of the student, and payment is due according to the school's published payment policies.

Failure of a financing source to pay, partial payments, delays, loss of eligibility, or withdrawal from the program does not relieve the student of financial responsibility for outstanding charges.

ENROLLMENT PROCEDURE

Students can enroll for Welding Courses & Welding Career Course Bundles any time during the year.

Course are offered year-round. The start date will be scheduled at the time of enrollment. Students may enroll for all courses online at www.socalwelding.com

OPEN ENROLLMENT & START DATE COMMITMENT

Open Enrollment means that once a student is issued an official start date by the school, the student is confirmed for enrollment and is legally obligated to begin training on that assigned start date.

Failure to start on the assigned date does not automatically cancel enrollment. If a student is unable to begin on the confirmed start date, the student must follow the school's official withdrawal or deferment procedures in accordance with the catalog and enrollment agreement. Failure to do so may result in financial and academic consequences.

The school reserves the right to change or adjust start dates due to scheduling needs, enrollment capacity, instructor availability, or other operational considerations. Students will be notified of any such changes as soon as reasonably possible.

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STANDARD ACADEMIC PROGRESS, PROBATION AND DISMISSAL

Students will be evaluated on each exercise performed, using a scale of 1 to 5. The following describes the grading system:

1=Unacceptable 2= Poor 3= Needs improvement

3.5 = Acceptable 4= Proficient. 4.5= Very Good. 5= Excellent

Students are required to maintain a minimum average of 3.5 at all times during the course and must have a minimum average of 3.5 to successfully complete the course.

Should the student's average fall below 3.5 for four consecutive classes, he/she will be notified verbally and in writing, placed on probation and reevaluated for the next four classes. Should the required minimum average of 3.5 not be attained during the probationary period, student will be dismissed.

Student will also be notified verbally and in writing when attendance requirements are violated, and student will be placed on probation for the remainder of the course. Student may be dismissed after missing another class at any time during the probationary period.

We reserve the right to dismiss any student from the course for not strictly abiding by the Code of Conduct, Class Attendance Requirements, Safe Work Practices, or any other section of this Catalog.

Students who are dismissed may re-apply to the school and admission will be subject to approval from Chief Academic Instructor.

STUDENT GRIEVANCE PROCESS

The purpose of the Student Grievance Procedure is to provide a means by which a student may pursue a complaint for an alleged violation of policy concerning instruction. Students have 3 days from the incident to file a complaint. Student must first consult the Chief Academic Instructor to seek resolution. If unresolved, disputes will be settled through binding arbitration under American Arbitration Association (AAA) rules, with Murrieta or Temecula, CA as the venue. By enrolling, students waive the right to a trial.

California Welding Institute is not liable for injuries sustained on the premises.

CANCELLATION & REFUND POLICY

Student's Right to Cancel

Refund Policy:

Students can obtain a full refund of charges paid through attendance at the first-class session or the seventh day after enrollment, whichever is later. A pro rata refund is applied; the amount owed by the student equals the daily charge for the program (total charge for period of attendance divided by the number of hours in the program), prior to withdrawal.

No refunds are issued after the student has received more than 60 percent of the clock hours of instruction. Non-refundable charges will not be refunded after cancellation period. For purposes of determining a refund, a student shall be considered to have withdrawn from an education program when he or she cancels following the Cancellation Procedure or is permanently dismissed in accordance with the policies stated in the institution's catalog.

If the student has received federal student financial aid funds, the student is entitled to a refund of moneys not paid from federal student financial aid program funds.

Refund Policy for Military Personnel using VA benefits:

Students can obtain a full refund of charges paid through attendance at the first class session or the seventh day after enrollment, whichever is later. A 100% pro rata refund is applied; the amount owed by the student equals the daily charge for the program (total charge for period of attendance divided by the number of hours in the program), prior to withdrawal. Non-refundable fees will not be refunded after the cancellation period. For purposes of determining a refund, a student shall be considered to have withdrawn from an education program when he or she cancels following the Cancellation Procedure or is permanently dismissed in accordance with the policies stated in the institution's catalog. However, if the VA does not pay California Welding Institute LLC in full on behalf of the student, the student is responsible to pay for any balance due for any fees the VA did not cover.

Cancellation Procedure:

Student must sign and date the cancellation form, provided by the school.

The following fees are not refundable after the cancellation period:

(1) Registration
(2) Student Tuition Recovery Fund
(3) Textbooks
(4) Welding Rod bundle
(5) Welding Wire Spool
(6) Material bundle
(7) Required publications

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FEES

At time of payment, students will be charged per the following fee schedule:

(1) All courses have a non-refundable registration fee of $250 or $10 for Military personnel using VA benefits.

(2) All courses have a non-refundable student tuition recovery fund fee of $0.

(3) All welding courses and bundles have a non-refundable* $450 fee for textbook.

(4) Professional Development Courses have non-refundable* required publications fee (fee varies per course. see course description).

(5) Welding rod 10 lb bundle non-refundable fee: $32.

(6) Welding TIG rod 10 lb carbon steel and stainless steel 1/8” dia non-refundable* fee $75.

(7) Welding wire spool non-refundable* fee: $100.

(8) Additional set of 3G/4G plates for structural non-refundable*: $75.

(9) Material bundle non-refundable fee*: $50 Bundle descriptions:

a. Bundle of 10 gage aluminum consists of 10 sheets cut to specification.
b. Bundle of 1/8” aluminum consist of 10 sheets cut to specification.
c. Bundle of 14 gage aluminum consists of 16 sheets cut to specification.
d. Bundle of 18 gage aluminum consists of 24 sheets cut to specification.
e. Bundle of .063” 6061 aluminum consists of 40 sheets cut to specification.
f. Bundle of 0.040” 6061 aluminum consists of 40 sheets cut to specification.
g. Aluminum Tube bundle consist of 2 Ft of 1/2” OD, 2 Ft of 3/4” OD, and 25 sheets of 0.063” OR 3 ft of 1/2” OD and 3 Ft of 3/4” OD
h. Bundle of 10 gage galvanized steel consists of 10 sheets cut to specification.
i. Bundle of 14 gage galvanized steel consists of 12 sheets cut to specification.
j. Bundle of 18 gage galvanized steel consists of 24 sheets cut to specification.
k. Bundle of 10 gage carbon steel consists of 14 sheets cut to specification.
l. Bundle of 14 gage carbon steel consists of 18 sheets cut to specification.
m. Bundle of 18 gage carbon steel consists of 24 sheets cut to specification.
n. Bundle of 10 gage stainless steel consists of 14 sheets cut to specification.
o. Bundle of 14 gage stainless steel consists of 18 sheets cut to specification.
p. Bundle of 18 gage stainless steel consists of 24 sheets cut to specification.
q. Stainless Steel Tube bundle consists of 1 ft of 2”O.D

(10) For specific course fees, see course description.

*non-refundable after cancellation period

CODE OF CONDUCT

California Welding Institute follows fair and legal procedures when disciplining students, ensuring compliance with state and federal laws.

Students will be immediately dismissed for any of the following:

1. Violating any safety policy or procedure.
2. Failing to keep the premises clean.
3. Socializing during class time.
4. Using cell phone during class hours, unless instructor asked student to use it to look up information about a machine or electrode.
5. Drawing/painting/writing graffitis anywhere on the premises.
6. Verbally abusing people. This includes aggressive demeanor, yelling, screaming, insulting, threatening at any person for any reason.
7. Inciting people as to create a clear and present danger of the commission of unlawful acts on the premises, or the violation of lawful administrative procedures, or the substantial disruption of the orderly operation of California Welding Institute.
8. Causing, attempting to cause, or threatening to cause physical injury to another person.
9. Possession, sale or otherwise furnishing any firearm, knife, explosive or other dangerous or harmful object.
10. Causing or attempting to cause damage to California Welding Institute’s property or to private property on the facility. Student is responsible for the use of the equipment and property, and is responsible for replacing or paying for damaged property, such as equipment, parts, or any other damages caused, whether intentionally or not and whether the root cause of the problem was identified or not. No arguments will be tolerated.

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11. Unlawful possession, use, sale, offer to sell, or furnishing, or being under the influence of, any controlled substance listed in Chapter 2 (commencing with Section 11053) of Division 10 of the California Health and Safety Code, an alcoholic beverage, or an intoxicant of any kind; or unlawful possession of, or offering, arranging or negotiating the sale of any drug paraphernalia, as defined in California Health and Safety Code Section 11014 .5. It is also unlawful under federal law, to possess, use, sell, offer to sell, furnish or be under the influence of any controlled substance, including medical marijuana.
12. Engaging in harassing or discriminatory behavior toward an individual or group based on ethnic group identification, national origin, religion, age, sex or gender, race, color, ancestry, sexual orientation, physical or mental disability, or any characteristic listed or defined in Section 11135 of the Government Code of any characteristic that is contained in the prohibition of hate crimes set forth in subdivision (1) of section 422 .6 of the Penal Code, or any other status protected by law.
13. Acting in a manner that results in injury or death to any person.
14. Willful misconduct, disruptive behavior, willful disobedience, habitual profanity or vulgarity, or the open and persistent defiance of the authority , or persistent abuse of persons.
15. Furnishing false information to California Welding Institute, for purposes such as admission, enrollment, or alteration of documents.
16. Dishonesty
17. Unauthorized entry upon or use of the facility and equipment.
18. Lewd, indecent or obscene conduct on the premises.
19. Persistent, serious misconduct where other means of correction have failed to bring about proper conduct .
20. Willful or persistent smoking in any area on the premises. No tobacco (including chewing tobacco) or e-cigarettes of any type, including vapors.
21. Committing or attempting to commit robbery or extortion.
22. Stealing or attempting to steal property on the premises, or knowingly receiving stolen property on the premises.
23. Committing sexual harassment as defined by law.
24. The presence inside the facility of non-enrolled individuals is prohibited without the approval of a faculty member.
25. Bringing pets inside the facility. Service animals are allowed on the property and must be kept at least 30 feet away from the building and under constant supervision. No animals are allowed to be left alone, without supervision.
26. Handing out flyers or other literature on the premisses.

ABILITY TO SAFELY PARTICIPATE

Students must be free from any physical or mental impairment that could affect their ability to safely operate equipment without risk to themselves or others. Any condition that may interfere with safe tool and equipment use must be disclosed to faculty and staff for evaluation and possible accommodation.

If a student is taking medication, a doctor's note is required confirming they can operate hand tools, heavy equipment, and machinery without impairment.

SAFE WORK PRACTICES

For the **Welding Courses & Welding Career Course Bundles**, all students must adhere to the following safe work practices:

1. Read ANSI/AWS Z49.1 Safety In Welding & Cutting and Allied Processes before starting the course
2. Students must sign in and sign out each time they attend class.
3. An ANSI/OSHA approved welding helmet must be worn when welding.
4. Welding helmet must have proper filter lens shade (minimum shade #9 when welding)
5. Safety Glasses must be worn at all times. Prescription safety glasses are required if student needs prescription glasses to be able to see 16 inches away.
6. Earplugs must be worn when welding, grinding or using a torch.
7. #5 shade safety glasses or goggles must be worn to use a gas torch.
8. Face shields must be worn when grinding.
9. All grinders must have guards.
10. Student must be instructed for the safe use of handheld grinders, other power tools & equipment before using these tools and equipment.
11. Students must handle material safely and securely clamp it when needed.

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12. Students must grind safely, watching where sparks are going, to avoid fire hazards, people or property damage.
13. Must wear cotton welding hat under helmet (no baseball caps).
14. Must wear proper welding jacket (leather, combination leather & cotton, or fire-retardant cotton).
15. Must wear 100% cotton pants (jeans ok, no Dickies type polyester clothing).
16. Must wear safety toe work boots.
17. Must wear leather welding gloves when welding.
18. Must wear insulated leather work gloves whenever grinding, using a gas torch, using any tools or handling metal.
19. No short sleeves shirts allowed in facility.
20. No shorts allowed in facility.
21. No running shoes, sneakers or sandals allowed.
22. No earphones or earbuds of any type are allowed at any time during training.
23. No audio or audio-visual recording of classes is permitted.

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WELDING CAREER COURSE BUNDLES

Career course bundles are a series of courses and certification tests grouped together in a bundle.

BUNDLE 1 - ALL AROUND WELDER: STRUCTURAL AND PRESSURE PIPING

This course bundle is the foundation for a more versatile welding career.

Description: This career builder bundle includes the following courses, which must be completed in the sequence shown:

1) W101 - SMAW AWS D1.1/L.A City Welder Certification Structural Steel Plate.
2) W102 - FCAW AWS D1.1/L.A City Welder Certification Structural Steel Plate.
3) W201 - SMAW ASME Section 9 AWS B2.1 Basic Pipe Welding Course.
4) PDH-LAWC - L.A City Welder Certification Written Exam Preparation Class.

Objective: Successful completion of this bundle gives students the skills necessary for employment in structural welding and pipe welding and be well versed in two different welding processes (SMAW and FCAW).

Certifications: At the end of each course included in the bundle, students will take the corresponding certification test, as follows: AWS D1.1 Structural Steel certification with SMAW and FCAW, ASME Section IX Certification. L.A City Written Welder Certification Written Exam (administered by the City of Los Angeles Department of Building and Safety).

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers.

Bundle 1 Duration: up to 49 classes, 394 hrs. of welding training

Registration Fee	$250
Textbook Fee	$450
Bundle 1 Fee	**$19,800**
STRF Fee	$0
TOTAL CHARGES FOR PERIOD OF ATTENDANCE	**$20,500**
Estimated consumables for period of attendance (pay as needed throughout the course)	$720
Estimated charges for period of attendance	$21,220

BUNDLE 2 - IRONWORKER WELDING CAREER

Description: This career builder bundle includes the following courses, which must be completed in the sequence shown:

1) W101 - SMAW AWS D1.1/L.A City Welder Certification Structural Steel Plate.
2) W102 - FCAW AWS D1.1/L.A City Welder Certification Structural Steel Plate.
3) W105 - FCAW AWS D1.8/Welder Certification Structural Steel Seismic Application.
4) PDH-LAWC - L.A City Welder Certification Written Exam Preparation Class.

Objective: The objective of this career builder bundle is to give students the skills necessary for employment in structural welding, including welding in moment connections (Seismic applications) and fabrication.

Certifications: At the end of each course included in the bundle, students will take the corresponding certification test, as follows: AWS D1.1 Structural Steel certification with SMAW and FCAW, and AWS D1.8 Seismic Supplement with FCAW.L.A City Written Welder Certification Written Exam (administered by the City of Los Angeles Department of Building and Safety).

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers.

Bundle 2 Duration: 49 classes, 394 hrs. of welding training.

Registration Fee	$250
Textbook Fee	$450
Bundle 2 Fee	**$19,800**
STRF Fee	$0
TOTAL CHARGES FOR PERIOD OF ATTENDANCE	**$20,500**
Estimated consumables for period of attendance (pay as needed throughout the course)	$720
Estimated charges for period of attendance	$21,220

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher.
Students will be graded for each exercise performed in class and during the final test for each course.

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WELDING CAREER COURSE BUNDLES

Career course bundles are a series of courses and certification tests grouped together in a bundle.

BUNDLE 3 - PROCESS PRESSURE PIPING WELDER

Description: This career builder bundle includes the following courses, which must be completed in the sequence shown:

1) W201 - SMAW ASME Section IX AWS B2.1 Basic pipe welding course - all uphill.

2) W203 - GTAW/SMAW Combo Welder Basic ASME Section IX, AWS B2.1 or W203 - GTAW/FCAW-G.

3) W206 - Pipe Layout and Fabrication.

Objective: The objective of this career builder bundle is to give students the skills necessary for employment in process pressure piping such as oil refineries, chemical plants or other processing plants.

Certifications: At the end of each course included in the bundle, students will take the corresponding certification test in accordance with ASME Section IX Certification.

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers.

Bundle 3 Duration: 48 classes, 384 hrs. of welding training.

Registration Fee	$250
Textbook Fee	$450
Bundle 3 Fee	**$19,800**
STRF Fee	$0
TOTAL CHARGES FOR PERIOD OF ATTENDANCE	**$20,500**
Estimated consumables for period of attendance (pay as needed throughout the course)	$470
Estimated charges for period of attendance	$20,970

BUNDLE 4 - PIPELINE WELDER

Description: This career builder bundle includes the following courses, which must be completed in the sequence shown:

1) W211 - SMAW API 1104 Basic Pipeline Welding - Petrochemical and Natural Gas.

2) W212 - SMAW API 1104 Advanced Pipeline Welding - Petrochemical and Natural Gas.

3) W206 - Pipe Layout and Fabrication.

Objective: The objective of this career builder bundle is to give students the skills necessary for employment as a pipeline welder (water, gas, oil and other pipelines).

Certifications: At the end of each course included in the bundle, students will take the corresponding certification test in accordance with API 1104.

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers.

Bundle 4 Duration: 48 classes, 384 hrs. of welding training.

Registration Fee	$250
Textbook Fee	$450
Bundle 4 Fee	**$19,800**
STRF Fee	$0
TOTAL CHARGES FOR PERIOD OF ATTENDANCE	**$20,500**
Estimated consumables for period of attendance (pay as needed throughout the course)	$480
Estimated charges for period of attendance	$20,980

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher.
Students will be graded for each exercise performed in class and during the final test for each course.

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WELDING CAREER COURSE BUNDLES

Career course bundles are a series of courses and certification tests grouped together in a bundle.

BUNDLE 5 - AEROSPACE WELDER

Description: This career builder bundle includes the following courses, which must be completed in the sequence shown:

1) W301 - CS/SS/AL GTAW Basic AWS D9.1 Sheet Metal Welding.

2) W303 - ASH GTAW Advanced AWS D17.1 Fusion Welding for Aerospace Applications.

3) W303 - AT GTAW Advanced AWS D17.1 Fusion Welding for Aerospace Applications.

Objective: The objective of this career builder bundle is to give students the skills necessary for employment as a welder in the aerospace industry.

Certifications: At the end of each course included in the bundle, students will take the corresponding certification test, as follows: AWS D9.1 Sheet Metal Welding Code, AWS D17.1 Fusion Welding for Aerospace Applications.

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers.

Bundle 5 Duration: 48 classes, 384 hrs. of welding training.

Registration Fee	$250
Textbook Fee	$450
Bundle 5 Fee	**$19,800**
STRF Fee	$0
TOTAL CHARGES FOR PERIOD OF ATTENDANCE	**$20,500**
Estimated consumables for period of attendance (pay as needed throughout the course)	$1,000
Estimated charges for period of attendance	$21,500

BUNDLE 6 - FOOD AND BEVERAGE PROCESSING INDUSTRY WELDER

Description: This career builder bundle includes the following courses, which must be completed in the sequence shown:

1) W301-SS - GTAW Basic AWS D9.1 Sheet Metal Welding - Stainless Steel

2) AWS W302-SS - GTAW Advanced AWS D18.1 Stainless Steel Tube & Pipe For Hygienic Applications

Objective: The objective of this career builder bundle is to give students the skills necessary for employment as a welder in the food and beverage processing industry.

Certifications: At the end of each course included in the bundle, students will take the corresponding certification test, as follows: AWS D9.1 Sheet Metal Welding Code, AWS D18.1 Specification for Welding of Austenitic Stainless-Steel Tube and Pipe Systems for Sanitary (Hygienic) Applications.

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers.

Bundle 6 Duration: 32 classes, 256 hrs. of welding training.

Registration Fee	$250
Textbook Fee	$450
Bundle 6 Fee	**$13,200**
STRF Fee	$0
TOTAL CHARGES FOR PERIOD OF ATTENDANCE	**$13,900**
Estimated consumables for period of attendance (pay as needed throughout the course)	$575
Estimated charges for period of attendance	$14,475

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher.
Students will be graded for each exercise performed in class and during the final test for each course.

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WELDING CAREER COURSE BUNDLES

Career course bundles are a series of courses and certification tests grouped together in a bundle.

BUNDLE 7 - STRUCTURE LIGHT GAGE WELDER (DECKING AND FRAMING)

Description: This career builder bundle includes the following courses, which must be completed in the sequence shown:

1) W106 - GMAW AWS D1.3 Structural Welding Sheet Steel.

2) W107 - FCAW-S AWS D1.3 Structural Welding Sheet Steel.

3) W108 - SMAW AWS D1.3/L.A City Structural Welding Sheet Steel.

Objective: The objective of this career builder bundle is to give students the skills necessary for employment as welder for light gage fabrication.

Certifications: At the end of each course included in the bundle, students will take the corresponding certification test, as follows: AWS D1.3 Structural Welding Sheet Steel Code.

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers.

Bundle 7 Duration: 48 classes, 384 hrs. of welding training.

Registration Fee	$250
Textbook Fee	$450
Bundle 7 Fee	**$19,800**
STRF Fee	$0
TOTAL CHARGES FOR PERIOD OF ATTENDANCE	**$20,500**
Estimated consumables for period of attendance (pay as needed throughout the course)	$1,128
Estimated charges for period of attendance	$21,628

BUNDLE 8 - MOTORSPORT WELDER

Description: This career builder bundle includes the following courses, which must be completed in the sequence shown:

1) W304-CS/Al/SS - GMAW Basic AWS D9.1 Sheet Metal Welding.

2) W301-CS/Al/SS - GTAW Basic AWS D9.1 Sheet Metal Welding.

3) W305- CM/Al- GTAW/GMAW Advanced AWS D8.8 Automotive Welding - Chrome Moly/Aluminum.

Objective: The objective of this career builder bundle is to give students the skills necessary for employment as a welder in the motorsports industry.

Certifications: At the end of each course included in the bundle, students will take the corresponding certification test, as follows: AWS D9.1 Sheet Metal Welding Code and AWS D8.8 Automotive welding.

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers.

Bundle 8 Duration: 48 classes, 384 hrs. of welding training.

Registration Fee	$250
Textbook Fee	$450
Bundle 8 Fee	**$19,800**
STRF Fee	$0
TOTAL CHARGES FOR PERIOD OF ATTENDANCE	**$20,500**
Estimated consumables for period of attendance (pay as needed throughout the course)	$825
Estimated charges for period of attendance	$21,325

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher.
Students will be graded for each exercise performed in class and during the final test for each course.

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WELDING CAREER COURSE BUNDLES

Career course bundles are a series of courses and certification tests grouped together in a bundle.

BUNDLE 9 - I-CAR AUTOMOTIVE WELDER

Description: This career builder bundle includes the following courses, which must be completed in the sequence shown:

1) W304-CS/AL/SS - GMAW BASIC AWS D9.1 SHEET METAL WELDING.

2) W301-CS/AL/SS - GTAW BASIC AWS D9.1 SHEET METAL WELDING.

3) W306-CS/AL/SS - GMAW OR GTAW I-Car Welding.

Objective: The objective of this career builder bundle is to give students the skills necessary for employment as a welder in the automotive industry.

Certifications: At the end of each course included in the bundle, students will take the corresponding certification test, as follows: AWS D9.1 Sheet Metal Welding Code

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers

Bundle 9 Duration: 48 classes, 384 hrs. of welding training.

Registration Fee	$250
Textbook Fee	$450
Bundle 9 Fee	**$19,800**
STRF Fee	$0
TOTAL CHARGES FOR PERIOD OF ATTENDANCE	**$20,500**
Estimated consumables for period of attendance (pay as needed throughout the course)	$750
Estimated charges for period of attendance	$21,250

BUNDLE 10 - UNDERWATER WELDER (DRY WELDING)

Description: This career builder bundle includes the following courses, which must be completed in the sequence shown:

1) W109 - SMAW AWS D3.6 Underwater Dry Welding (class A welds).

2) W103 - SMAW AWS D1.1/L.A City Welder Certification Structural steel pipe/tubular.

3) W205 - GTAW Advanced ASME Section IX, AWS B2.1 Stainless Steel and Carbon Steel Pipe Welding.

Objective: The objective of this career builder bundle is to give students the skills necessary for employment as an underwater welder. Additional training in wet welding environment is necessary to become an underwater welder and wet welding training is not offered by the California Welding Institute.

Certifications: At the end of each course included in the bundle, students will take the corresponding certification test, as follows: AWS D3.6, D1.1, ASME Section IX.

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers.

Bundle 10 Duration: 48 classes, 384 hrs. of welding training.

Registration Fee	$250
Textbook Fee	$450
Bundle 10 Fee	**$19,800**
STRF Fee	$0
TOTAL CHARGES FOR PERIOD OF ATTENDANCE	**$20,500**
Estimated consumables for period of attendance (pay as needed throughout the course)	$320
Estimated charges for period of attendance	$20,820

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher.
Students will be graded for each exercise performed in class and during the final test for each course.

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WELDING COURSES

W101 - SMAW AWS D1.1/L.A CITY WELDER CERTIFICATION STEEL PLATE

Pre-requisite: None.

Description: This course is intended for novice, beginner and intermediate level skill welders. The course begins with instruction on oxyacetylene welding and cutting and safety procedures for gas welding, followed by SMAW surfacing welds in flat and horizontal positions, and fillet welds in multiple positions, with two different types of electrode.

Towards completion of the course, the student will weld a series of mock tests in multiple position groove welds.

Objective: Successful completion of this course gives students the skills necessary for employment in structural welding, general maintenance and repairs and fabrication shops. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook fee: $450 **STRF:** $0

Welding Rod*: $32 per 10 lb bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 5*$32 = $7,460

W102 - FCAW AWS D1.1/L.A CITY WELDER CERTIFICATION STEEL PLATE

Pre-requisite: W101 or equivalent Welder Qualification Test Record.

Description: This course is intended for novice, beginner and intermediate level skill welders. The course begins with instruction FCAW-G surfacing welds in flat and horizontal positions, and fillet welds in multiple positions, followed by similar exercises using FCAW-S. Towards completion of the course, the student will weld a series of mock tests in multiple position groove welds.

Objective: Successful completion of this course gives students the skills necessary for employment in structural welding, general maintenance and repairs and fabrication shops. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Welding Wire*: $100 per spool

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 2*$100 = $7,500

W103 - SMAW AWS D1.1/L.A CITY WELDER CERTIFICATION STRUCTURAL STEEL PIPE/TUBULAR

Pre-requisite: W101 or W108 or equivalent Welder Qualification Test Record.

Description: This course is intended for intermediate level skill welders. The course begins with instruction on oxyacetylene cutting and pipe fitting, followed by SMAW exercises involving open roots welds (without backing) on simulated TYK branch joints on structural pipe or tubing to plate in the 6GR position, using F4 electrodes. Towards completion of the course, the student will weld a series of mock tests in multiple position groove welds.

Objective: Successful completion of this course gives students the skills necessary for employment in structural steel building welding and fabrication. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Welding Rod*: $32 per 10 lb bundle

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher. Students will be graded for each exercise performed in class and during the final test for each course. **Occupational classification code:** 51-4120 welding, soldering and brazing workers.

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**purchased as needed throughout the course*

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 15*$32 = $7,780

W104 - FCAW-G/ FCAW-S AWS D1.1 WELDER CERTIFICATION STRUCTURAL STEEL PIPE/TUBULAR

Pre-requisite: W102 or equivalent Welder Qualification Test Record.

Description: This course is intended for intermediate level skill welders. The course begins with instruction on oxyacetylene cutting and pipe fitting, followed by welding on structural steel pipe using FCAW-S or FCAW-G. Exercises involve open roots welds (without backing) on simulated TYK branch joints on structural pipe to plate in the 6GR position, using E71T-8 welding wire. Towards completion of the course, the student will weld a series of mock tests in multiple position groove welds.

Objective: Successful completion of this course gives students the skills necessary for employment in structural steel building welding and fabrication. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Welding Wire*: $100 per spool

Total charges for period of attendance: $250+ $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 2*$100 = $7, 500

W105 - FCAW-S AWS D1.8/WELDER CERTIFICATION STRUCTURAL STEEL SEISMIC APPLICATION

Pre-requisite: W102 or equivalent Welder Qualification Test Record.

Description: This course is intended for intermediate level skill welder who will work on moment connections, where welding is Demand Critical, the weld joins the bottom beam flange to the column flange and the weld must be made through a beam web weld access hole. The course begins with instruction on oxyacetylene cutting with the track torch, followed by exercises welding on simulated moment connections in the flat position, using E71T-6 welding wire. Throughout the course, the student will weld a series of mock tests.

Objective: Successful completion of this course gives students the skills necessary for employment in structural welding and fabrication. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Welding Wire*: $100 per spool

Total charges for period of attendance: $250+$450+$6,600 = $7,300

Estimated schedule of total charges: $7,300 + 2*$100 = $7,500

W106 - GMAW AWS D1.3 STRUCTURAL WELDING SHEET STEEL

Pre-requisite: None.

Description: This course is intended for all skill levels, including novice. The course begins safety procedures for arc welding, followed by GMAW surfacing welds in all positions, and butt joins on 10 gage and 18 gage carbon steel and galvanized steel. Towards completion of the course, the student will weld a series of mock tests in the same material and thickness.

Objective: Successful completion of this course gives students the skills necessary for employment in decking and framing. Students who successfully complete the course will also be eligible to apply to take the certification test.

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher. Students will be graded for each exercise performed in class and during the final test for each course. **Occupational classification code:** 51-4120 welding, soldering and brazing workers.

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**purchased as needed throughout the course*

WELDING COURSES

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Material bundle*: $50 per bundle

Total charges for period of attendance: $250+$450+$6,600 = $7,300

Estimated schedule of total charges: $7,300 + 15*$50 = $8,050

W107 - FCAW-S AWS D1.3 STRUCTURAL WELDING SHEET STEEL

Pre-requisite: None.

Description: This course is intended for all skill levels, including novice. The course begins safety procedures for arc welding, followed by FCAW-S (self shielded) surfacing welds in all positions, and butt joins on 10 gage and 18 gage carbon steel and galvanized steel. Towards completion of the course, the student will weld a series of mock tests in the same material and thickness.

Objective: Successful completion of this course gives students the skills necessary for employment in decking and framing. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Material bundle*: $50 per bundle

Total charges for period of attendance:$250 + $450+$6,600 = $7,300

Estimated schedule of total charges: $7,300 + 15*$50 = $8,050

W108 - SMAW AWS D1.3 STRUCTURAL WELDING SHEET STEEL

Pre-requisite: None.

Description: This course is intended for all skill levels, including novice.

The course begins safety procedures for arc welding, followed by SMAW surfacing welds in all positions, and butt joins on 10 gage and 18 gage carbon steel and galvanized steel. Towards completion of the course, the student will weld a series of mock tests in the same material and thickness.

Objective: Successful completion of this course gives students the skills necessary for employment in decking and framing. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Material bundle*: $50 per bundle

Total charges for period of attendance: $250+ $450 **+** $6,600 = $7,300

Estimated schedule of total charges: $7,300 +10*$32= $7,620

W109 - SMAW AWS D3.6 UNDERWATER DRY WELDING (CLASS A WELDS)

Pre-requisite: None.

Description: This course is intended for novice, beginner and intermediate level skill welders that want to pursue a career in underwater welding. This is preliminary training for underwater welding (wet welding). The course begins with instruction on oxyacetylene welding and cutting and safety procedures for gas welding, followed by SMAW surfacing welds in flat and horizontal positions, and fillet welds in multiple positions, with two different types of electrode. Towards completion of the course, the student will weld a series of mock tests in multiple position groove welds.

Objective: Successful completion of this course gives students the skills

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher. Students will be graded for each exercise performed in class and during the final test for each course. **Occupational classification code:** 51-4120 welding, soldering and brazing workers.

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necessary for employment in structural welding, general maintenance and repairs and fabrication shops. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Welding Rod*: $32 per 10 lb bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$32 = $7,620

W201 - SMAW ASME SECTION IX AWS B2.1 BASIC PIPE WELDING COURSE - ALL UPHILL

Pre-requisite: W101 or equivalent Welder Qualification Test Record.

Description: This course is intended for intermediate level skill welders who want to work in oil refineries and other process pressure piping. This course involves welding on 6" schedule 40 or 6" schedule 80 carbon steel pipe - all uphill welding. Exercises involve open roots welds on plate in the 3G and 4G positions, followed by welding on pipe in the 2G, 5G and 6G positions, using E6010 for uphill root and E7018 for all other weld passes. Towards completion of the course, the student will weld a series of mock tests in multiple position groove welds on pipe.

Objective: Successful completion of this course gives students the skills necessary for employment in process pressure piping applications (such as in oil refineries). Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Welding Rod*: $32 per 10 lb bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$32 = $7,620

W202 - SMAW ASME SECTION IX AWS B2.1 BASIC PIPE WELDING COURSE - DOWNHILL/UPHILL

Pre-requisite: W101 or equivalent Welder Qualification Test Record.

Description: This course is intended for intermediate level skill welders who want to work in utility services piping, oil refineries and other process pressure piping. This course involves welding on 6" schedule 40 or 6" schedule 80 carbon steel pipe - downhill root pass, uphill passes. Exercises involve open roots welds on plate in the 3G and 4G positions, followed by welding on pipe in the 2G, 5G and 6G positions, using E6010 for downhill root and E7018 for all other weld passes, uphill. Towards completion of the course, the student will weld a series of mock tests in multiple position groove welds on pipe.

Objective: Successful completion of this course gives students the skills necessary for employment in utility service piping, process pressure piping applications (such as in oil refineries). Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 STRF: $0

Welding Rod*: $32 per 10 lb bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$32 = $7,620

W203 - GTAW/SMAW COMBO WELDER BASIC ASME SECTION IX, AWS B2.1 PIPE WELDING

Pre-requisite: W201 or equivalent Welder Qualification Test Record.

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher. Students will be graded for each exercise performed in class and during the final test for each course. **Occupational classification code:** 51-4120 welding, soldering and brazing workers.

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WELDING COURSES

Description: This course is intended for intermediate level skill welders who want to work in oil refineries and other process pressure piping. This course involves welding on 2" schedule 80 XXH carbon steel pipe - all uphill welding. Exercises involve open roots welds on plate in the 3G and 4G positions, followed by welding on pipe in the 2G, 5G and 6G positions. GTAW is used for root and hot pass using ER70S-2 and SMAW E7018 for all other weld passes. Towards completion of the course, the student will weld a series of mock tests in multiple position groove welds on pipe.

Objective: Successful completion of this course gives students the skills necessary for employment in process pressure piping applications (such as in oil refineries). Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Welding Rod*: $32 per 10 lb bundle

TIG Welding Rod*: $75 per 10 lbs. bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$32 + $75 = $7,695

W204 - GTAW/SMAW COMBO WELDER ADVANCED ASME SECTION IX, AWS B2.1 PIPE WELDING

Pre-requisite: W203 or equivalent Welder Qualification Test Record.

Description: This course is intended for intermediate level skill welders who want to work in oil refineries and other process pressure piping. This course involves welding on 2–3/4" O.D. x 5/8″ WT x 4 carbon steel pipe - all uphill welding using GTAW for the root and hot pass, and SMAW for filler and cap. Exercises involve welding in 6G and 6GR positions. GTAW is used for root and hot pass using ER70S-2 and SMAW E7018 for all other weld passes. Towards completion of the course, the student will weld a series of mock tests in multiple position groove welds on pipe.

Objective: Successful completion of this course gives students the skills necessary for employment in process pressure piping applications (such as in oil refineries). Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Welding Rod*: $32 per 10 lbs. bundle

TIG Welding Rod*: $75 per 10 lb bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$32 + $75 = $7,695

W205 - GTAW ADVANCED ASME SECTION IX, AWS B2.1 STAINLESS STEEL AND CARBON STEEL PIPE WELDING

Pre-requisite: W301-SS or W302-CS/SS/Al or equivalent Welder Qualification Test Record.

Description: This course is intended for intermediate level skill welders who want to work in oil refineries, fuel lines, water desalination plants, and other pressure piping. This course involves welding on 2" schedule 40 stainless steel pipe and 2" XXH carbon steel pipe- all uphill welding using GTAW. Towards completion of the course, the student will weld a series of mock tests in multiple position groove welds on stainless steel and carbon steel pipe.

Objective: Successful completion of this course gives students the skills necessary for employment in process pressure piping applications (such as in oil refineries). Students who successfully complete the course Will also be eligible to take the certification test.

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher. Students will be graded for each exercise performed in class and during the final test for each course. **Occupational classification code:** 51-4120 welding, soldering and brazing workers.

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WELDING COURSES

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

TIG Welding Rod*: $75 per 10 lb bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 2*$75 = $7,450

W206 - PIPE LAYOUT AND FABRICATION

Pre-requisite: W201 or equivalent Welder Qualification Test Record.

Description: This course is intended for advanced skill level pipe welders and pipe fitters. For layouts, this course takes students through the basics of blue print reading of piping systems, measuring elevations, calculating offsets using trigonometry tables, calculating travels and runs, calculating fitting take offs. For fabrication, this course takes students through actual hands on cutting of pipe with a torch pipe beveler, tacking fittings and welding rolled out welds and fixed position welds in accordance to piping blue print.

Objective: Successful completion of this course gives students the skills necessary for employment in natural gas and petrochemical pipelines.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Welding Rod*: $32 per 10 lb bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$32 = $7,620

W211 - SMAW API 1104 BASIC PIPELINE WELDING - ALL DOWNHILL - PETROCHEMICAL AND NATURAL GAS

Pre-requisite: None.

Description: This course is intended for intermediate level skill welders who want to work on natural gas and petrochemical pipelines and related facilities. This course involves welding on 4” to 6” or bigger carbon steel pipe - all downhill welding using SMAW. Exercises involve open roots welds on plate in the flat, vertical and overhead positions, followed by welding on pipe in the 2G and 5G positions, using E6010. Towards completion of the course, the student will weld a series of mock tests in multiple position groove welds on carbon steel pipe.

Objective: Successful completion of this course gives students the skills necessary for employment in natural gas and petrochemical pipelines. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Welding Rod*: $32 per 10 lb bundle

Total charges for period of attendance: $250+ $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$32 = $7,620

W212 - SMAW API 1104 ADVANCED PIPELINE WELDING - ALL DOWNHILL - PETROCHEMICAL AND NATURAL GAS

Pre-requisite: W211 or equivalent Welder Qualification Test Record.

Description: This course is intended for advanced level skill welders who want to work on natural gas and petrochemical pipelines and related facilities. This course involves welding on 10” , 12” or bigger carbon steel pipe - all downhill welding using SMAW. Exercises involve welding butt joints, using E6010, all downhill passes, and also downhill root and low

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher. Students will be graded for each exercise performed in class and during the final test for each course. **Occupational classification code:** 51-4120 welding, soldering and brazing workers.

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hydrogen electrode uphill fill and cap .Towards completion of the course, the student will weld a series of mock tests in multiple position groove welds on carbon steel pipe.

Objective: Successful completion of this bundle gives students the skills necessary for employment in process natural gas and petrochemical pipelines. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Welding Rod*: $32 per 10 lb bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$32 = $7,620

W301-CS - GTAW BASIC AWS D9.1 SHEET METAL WELDING - CARBON STEEL

Pre-requisite: None

Description: This course is intended for novice, beginner and intermediate level skill welders who want to work in filming studios, automotive or other work involving non-structural sheet metal. Exercises involve welding butt and T-joints in the flat, horizontal, vertical and overhead positions, using GTAW, on 10 gage and 18 gage sheet steel.

Objective: Successful completion of this course gives students the skills necessary for employment in filming studios, automotive or other work involving non-structural sheet metal. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$50 = $7,800

W301-AL - GTAW BASIC AWS D9.1 SHEET METAL WELDING - ALUMINUM

Pre-requisite: None

Description: This course is intended for novice, beginner and intermediate level skill welders who want to work in filming studios, automotive or other work involving non-structural sheet metal. Exercises involve welding butt and T-joints in the flat, horizontal, vertical and overhead positions, using GTAW, on 10 gage and 18 gage aluminum.

Objective: Successful completion of this course gives students the skills necessary for employment in filming studios, automotive or other work involving non-structural sheet metal. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Material bundle*: $50 per bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$50 = $7,800

W301-SS - GTAW BASIC AWS D9.1 SHEET METAL WELDING - STAINLESS STEEL

Pre-requisite: None

Description: This course is intended for novice, beginner and intermediate level skill welders who want to work in filming studios, automotive or other work involving non-structural sheet metal. Exercises involve welding butt and T-joints in the flat, horizontal, vertical and

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher. Students will be graded for each exercise performed in class and during the final test for each course. **Occupational classification code:** 51-4120 welding, soldering and brazing workers.

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overhead positions, using GTAW, on 10 gage and 18 gage stainless steel.

Objective: Successful completion of this course gives students the skills the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Material bundle*: $50 per bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$50 = $7,800

W301-CS/AL/SS - GTAW BASIC AWS D9.1 SHEET METAL WELDING

Pre-requisite: None

Description: This course is intended for novice, beginner and intermediate level skill welders who want to work in filming studios, commercial kitchen equipment, automotive or other work involving non-structural sheet metal. Exercises involve welding butt and T-joints in the flat, horizontal, vertical and overhead positions, using GTAW, on 14 gage stainless steel, aluminum and carbon steel.

Objective: Successful completion of this course gives students the skills necessary for employment in filming studios, automotive or other work involving non-structural sheet metal. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Material bundle*: $50 per bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$50 = $7,800

W302-SS - GTAW ADVANCED AWS D18.1 STAINLESS STEEL TUBE FOR HYGIENIC APPLICATIONS

Pre-requisite: W301-SS or -W301-CS/SS/AL or equivalent Welder Qualification Test Record.

Description: This course is intended for intermediate level skill welders who want to work in hygienic applications. Exercises involve welding butt joints using GTAW, on 2-inch diameter austenitic stainless-steel tube or pipe.

Objective: Successful completion of this course gives students the skills necessary for employment in hygienic applications (for example, food processing plants, water purification systems, pharmaceutical industry). Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

TIG Welding Rod*: $75 per 10 lb bundle

Material bundle*: $50 per bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + $75 + 4*$50 = $7,575

W303-ASH - GTAW ADVANCED AWS D17.1 FUSION WELDING FOR AEROSPACE APPLICATIONS

Pre-requisite: W301-AL or -W301-CS/SS/AL or equivalent Welder Qualification Test Record.

Description: This course is intended for intermediate level skill welders who want to work in aerospace applications. Exercises involve welding butt joints and T-joints using GTAW, on 16 gage and 10 gage sheet aluminum for Class A welds.

Objective: Successful completion of this bundle gives students the skills

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher. Students will be graded for each exercise performed in class and during the final test for each course. **Occupational classification code:** 51-4120 welding, soldering and brazing workers.

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necessary for employment the aerospace industry. Students who successfully complete the course will also be eligible to apply to take the

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Material bundle*: $50 per bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$50 = $7,800

W303-AT - GTAW ADVANCED AWS D17.1 FUSION WELDING FOR AEROSPACE APPLICATIONS

Pre-requisite: W303-ASH or equivalent Welder Qualification Test Record.

Description: This course is intended for advanced level skill welders who want to work in aerospace applications. Exercises involve welding butt joints and T-joints using GTAW, on 0.051 inch and 0.040-inch aluminum sheet, and 3/4" and 1/2" OD aluminum tube for Class A welds.

Objective: Successful completion of this course gives students the skills necessary for employment the aerospace industry. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Material bundle*: $50 per bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$50 = $7,800

W304-CS - GMAW BASIC AWS D9.1 SHEET METAL WELDING - CARBON STEEL

Pre-requisite: None

Description: This course is intended for novice, beginner and intermediate level skill welders who want to work in HVAC, filming studios, automotive or other work involving non-structural sheet metal. Exercises involve welding butt and T-joints in the flat, horizontal, vertical and overhead positions, using GMAW, on 10 gage and 18 gage coated (galvanized) and non-coated carbon steel.

Objective: Successful completion of this course gives students the skills necessary for employment in n HVAC, filming studios, automotive or other work involving non-structural sheet metal. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hours of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Material bundle*: $50 per bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$50 = $7,800

W304-AL - GMAW BASIC AWS D9.1 SHEET METAL WELDING - ALUMINUM

Pre-requisite: None

Description: This course is intended for novice, beginner and intermediate level skill welders who want to work in HVAC, filming studios, automotive or other work involving non-structural sheet metal. Exercises involve welding butt and T-joints in the flat, horizontal, vertical and overhead positions, using GMAW, on 10 gage and 18 gage aluminum.

Objective: Successful completion of this course gives students the skills necessary for employment in n HVAC, filming studios, automotive or other work involving non-structural sheet metal. Students who successfully

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher. Students will be graded for each exercise performed in class and during the final test for each course. **Occupational classification code:** 51-4120 welding, soldering and brazing workers.

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complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Material bundle*: $50 per bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$50 = $7,800

W304-SS - GMAW BASIC AWS D9.1 SHEET METAL WELDING - STAINLESS STEEL

Pre-requisite: None

Description: This course is intended for novice, beginner and intermediate level skill welders who want to work in HVAC, filming studios, automotive or other work involving non-structural sheet metal. Exercises involve welding butt and T-joints in the flat, horizontal, vertical and overhead positions, using GMAW, on 10 gage and 18 gage stainless

steel.

Objective: Successful completion of this course gives students the skills necessary for employment in n HVAC, filming studios, automotive or other work involving non-structural sheet metal. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hours of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Material bundle*: $50 per bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$50 = $7,800

W304-CS/AL/SS - GMAW BASIC AWS D9.1 SHEET METAL WELDING

Pre-requisite: None

Description: This course is intended for novice, beginner and intermediate level skill welders who want to work in HVAC, filming studios, automotive or other work involving non-structural sheet metal. Exercises involve welding butt and T-joints in the flat, horizontal, vertical and overhead positions, using GMAW, on 14 gage stainless steel, aluminum and carbon steel.

Objective: Successful completion of this course gives students the skills necessary for employment in n HVAC, filming studios, automotive or other work involving non-structural sheet metal. Students who successfully complete the course will also be eligible to apply to take the certification test.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Material bundle*: $50 per bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 +10*$50= $7,800

W305-CM/AL GTAW ADVANCED AWS D8.8 AUTOMOTIVE WELDING - CHROME MOLY/ALUMINUM

Pre-requisite: W301AL or W301 CS/A:/SS or equivalent Welder Qualification Test Record.

Description: This course is intended for advanced level skill welders who want to work in automotive applications. Exercises involve welding butt joints and branch connections using GTAW on 4130 Chrome Moly tubing and aluminum tubing.

Objective: Successful completion of this course gives students the skills necessary for employment the automotive industry. Students who successfully complete the course will also be eligible to apply to take the certification test.

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher. Students will be graded for each exercise performed in class and during the final test for each course. **Occupational classification code:** 51-4120 welding, soldering and brazing workers.

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WELDING COURSES

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

TIG Welding Rod*: $75 per 10 lb bundle

Material bundle*: $50 per bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + $75 + 4*$50 = $7,575

W306-CS/AL/SS - GMAW I-CAR WELDING

Pre-requisite: W304-CS/AL/SS or equivalent Welder Qualification Test Record.

Description: This course is intended for intermediate level skill welders who want to work automotive body shops. Exercises involve welding butt joints open root and also with backing, lap joints and plug welds, using GMAW, on 16 gage stainless steel, carbon steel, and aluminum.

Objective: Successful completion of this course gives students the skills necessary for employment in automotive body shops.

Course Duration: 16 classes, 128 hrs. of welding training.

Registration fee: $250 **Course Fee:** $6,600

Textbook or online material fee: $450 **STRF:** $0

Material bundle*: $50 per bundle

Total charges for period of attendance: $250 + $450 + $6,600 = $7,300

Estimated schedule of total charges: $7,300 + 10*$50 = $7,800

STUDENT EVALUATION AND COURSE COMPLETION

Students will receive a certificate of course completion when achieving an average score of 3.5 or higher. Students will be graded for each exercise performed in class and during the final test for each course.

Occupational classification code: 51-4120 welding, soldering and brazing workers.

PROFESSIONAL DEVELOPMENT COURSES

Professional development courses are all lecture-based classes.

Many of the courses are meant to prepare students for certification testing offered by other organizations, such as the international code council and the American welding society.

PDH-LAWC - L.A CITY WELDER CERTIFICATION WRITTEN EXAM PREPARATION CLASS

Pre-requisite: None

Description: This one-day lecture is intended for welders who want to obtain the L.A City Welder Certification. The class consists of a lecture on general welding knowledge and the AWS D1.1 codebook.

Objective: Successful completion of this class prepares students to take the L.A City Certified Structural Welder Written Exam, which is administered by the City of Los Angeles Department of Building and Safety.

Required Publications: AWS D1.1:2020 and the textbook Welding Principles and Applications by Larry Jeffus, latest edition.

Student Evaluation and Course Completion: Students will not be evaluated at the end of the class. The course is considered complete if the student attended class as required.

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers

PDH-LAWC Course Duration: 1 day, 10 hrs. of instruction

Registration fee: $250 **Course fee:** $275

STRF: $0 **Required publications fee:** $575

Total charges for period of attendance for PDH - LAWC: $250 + $275 = $525

Estimated schedule of total charges for PDH - LAWC: $525 + $575 = $1,100

Professional development courses do not require student evaluation. The course is considered complete if the student attended class as required.

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**purchased as needed throughout the course*

PROFESSIONAL DEVELOPMENT COURSES

Professional development courses are all lecture-based classes.

Many of the courses are meant to prepare students for certification testing offered by other organizations, such as the international code council and the american welding society.

PDH-CWI - CWI EXAM PREPARATION COURSE

Pre-requisite: None

Description: This course is intended for those who want to become an American Welding Society Certified Welding Inspector or want to learn about welding inspection.

This course is divided into three parts:

- Part A - Fundamentals
- Part B - Visual Inspection / Practical Workshop
- Part C - Codebook

This is a 60 hrs. course, and each Part is covered in 2 days.

Students can register to attend one, two or all three parts.

Objective: Successful completion of this class prepares students to work in welding inspection and quality control. It also prepares students who wish to take the American Welding Society Certified Welding Inspector exam, which is administered by the American Welding Society.

Required Publications:

For Part A:

(1) WIT-T Welding Inspection Technology

(2) WIT-W Welding Inspection Technology Workbook

(3) AWS A3.0M/A3.0 Standard Welding Terms and Definitions

(4) AWS A2.4/A2.4M Standard Symbols for Welding, Brazing, and Nondestructive examination

(5) Official AWS Book of Sample Examination Questions

For Part B:

AWS B1.10/B1.10M Guide for the Nondestructive Examination of Welds

For Part C:

(1) AWS D1.1/D1.1M Structural Welding Code - Steel

(2) CC-RM AWS D1.1 Code Clinic – Reference Manual

Student Evaluation and Course Completion: Students will not be evaluated at the end of the class. The course is considered complete if the students attended the Parts they registered for.

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers

PDH-CWI Course Duration: 6 days, 60 hrs. of instruction

Registration fee: $250 **STRF:** $0

Textbook (Required Publications) fee:

- Publications for Part A, Part B and Part C bundle (with AWS D1.1 codebook): $1,900

Total charges for period of attendance for all three parts of PDH-CWI:

$250 + $1,500 = $1,750

Estimated schedule of total charges for all three parts of PDH-CWI: $1,750 + $ 1,900 = $3,650

PDH-CWI INDIVIDUAL CLASS

Pre-requisite: None

Description: Individual CWI classes consist of 1 day of instruction and are scheduled on an individual basis. Each class can hold maximum of 2 people. Depending on the instruction desired, students may need to purchase the above-mentioned publications.

The following are the prices for individual classes:

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers

Professional development courses do not require student evaluation.
The course is considered complete if the student attended class as required.

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PROFESSIONAL DEVELOPMENT COURSES

Professional development courses are all lecture-based classes.

Many of the courses are meant to prepare students for certification testing offered by other organizations, such as the international code council and the american welding society.

PDH-CWI Individual Class Duration: 1 day, 10 hrs. of instruction

Registration fee: $250

One-Day class fee: $730 **STRF:** $0

Total charges for period of attendance for PDH -CWI Individual class: $250 + $730 = $980

Estimated schedule of total charges for PDH-CWI Individual Class: $980

PDH WPS/PQR/WPQR CLASS

Pre-requisite: None

Description: This one-day class is intended for those who want to learn how to write Welding Procedure Specifications, Procedure Qualification Records and Welder Performance Qualification Records.

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers

PDH-WPS/PQR/WPQR Class Duration: 1 day, up to 10 hrs. of instruction

Registration fee: $250

One-Day class fee: $730 **STRF:** $0

Total charges for period of attendance for PDH WPS/PQR/WPQR: $250 +$730 = $980

Estimated schedule of total charges for PDH WPS/PQR/WPQR: $980

PDH- DESTRUCTIVE TESTING CLASS

Pre-requisite: None

Description: This one-day class is intended for those who want to learn about destructive testing techniques. This class will cover the following destructive testing methods: bend test, tension test, metallurgical test, and hardness test. The class will provide an overview of the different destructive testing methods and applications, followed by hands-on training in some of the methods.

PDH-Destructive Testing Class Duration: 1 day, 10 hrs. of instruction

Registration fee: $250

One-Day class fee: $730 **STRF:** $0

Total charges for period of attendance for PDH-Destructive Testing: $250 + $730 = $980

Estimated schedule of total charges for PDH Destructive Testing: $980

PDH-L.A CITY DEPUTY INSPECTOR/ICC SPECIAL INSPECTOR S1 STRUCTURAL STEEL AND BOLTING SPECIAL INSPECTOR CLASS

Pre-requisite: None

Description: This class is intended for those who want to work as special inspectors and/or L.A City Deputy Inspectors. Students will learn structural steel and high strength bolting and reading structural plans/ blueprint reading.

Required Publications: AISC Steel Construction Manual, including AISC Specifications for Structural Joints using High Strength Bolts & IBC 2018.

Required Publication fees: AISC manual: $350 **IBC:** $250

Special Inspection Manual: $100

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers.

PDH-L.A City/ICC Special Inspector S1 Class Duration: 2 days, 16 hrs. of instruction

Registration fee: $250 **STRF:** $0

PDH-L.A City/ICC Special Inspector S1 Class fee: $1568

Total charges for period of attendance for PDH-L.A City/ICC Special Inspector S1 Class: $250 + $1568 = $1,818

Estimated schedule of total charges for PDH-L.A City/ICC Special Inspector S1 Class: $1,818 + $700 = $2,518

Professional development courses do not require student evaluation.
The course is considered complete if the student attended class as required.

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PROFESSIONAL DEVELOPMENT COURSES

Professional development courses are all lecture-based classes.

Many of the courses are meant to prepare students for certification testing offered by other organizations, such as the international code council and the American welding society.

PDH-L.A CITY DEPUTY INSPECTOR/ICC SPECIAL INSPECTOR S2 STRUCTURAL WELDING SPECIAL INSPECTOR CLASS

Pre-requisite: None

Description: This two-day class is intended for those who want to work as special inspectors. Students will learn blueprint reading, welding symbols, the AWS D1.1 Structural Welding Code - Steel and reading plans.

Required Publications: AWS D1.1:2015, AWS A2.4, AWS D1.4, AWS D1.3

Required Publications Fees:

- AWS D1.1:2020: $500
- AWS A2.4: $132
- AWS D1.4: $107
- AWS D1.3: $113

Occupational Classification Code: 51-4120 Welding, Soldering and Brazing Workers

PDH-L.A City/ICC Special Inspector S2 Class Duration: 2 days, up to 16 hrs. of instruction

Registration fee: $250

Class fee: $1,300 **STRF:** $0

Total charges for period of attendance for PDH-L.A City/ICC Special Inspector S2 Course: $250 + $1,300 = $1,550

Estimated schedule of total charges for PDH-L.A City/ICC Special Inspector S2 Course: $1,550 + $852 = $2,402

Professional development courses do not require student evaluation. The course is considered complete if the student attended class as required.

LIST OF WELDING GEAR AND HAND TOOLS FOR ALL COURSES

Students must purchase the following welding gear and hand tools. California Welding Institute does not sell these items and cannot provide an estimate.

The following list applies to all welder training courses and bundles:

1. School's Welding helmet (purchased at school only)
2. 4"x2" Clear Plastic Cover Lens Replacements qty:10.
3. Welding Jacket 100% Cotton, no leather.
4. 100% Cotton Pants or Jeans.
5. Comeaux Brand Cotton Welding Hat with Beak to pull over your ear when welding overhead.
6. Safety Toe Work Boots (composite or steel toe).
7. Push-in earplugs with cord to hang on neck.
8. Safety glasses or Prescription Safety Glasses, light grey tint.
9. Clear Face Shield - Complete with adjustable head gear.
10. Work Gloves Tillman 1500YPP Leather Palm with cotton/leather back (qty: 2 pairs).
11. Round/Curved Jaw 10" locking vise grip pliers for grabbing hot metal
12. Small focused beam LED inspection flashlight.
13. Bridge Cam Gage.
14. Fillet Weld Gage Set.
15. Tape measure (25'ft).
16. Magnetic 9" Torpedo level.

*purchased as needed throughout the course

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ADDITIONAL LIST OF WELDING GEAR AND HAND TOOLS

ADDITIONAL LIST FOR BUNDLE 10, W101, W103, W109:

1. Safety Glasses # 5 Dark Green Tint.
2. Arc Welding Gloves Tillman 850.
3. Two Slag Hammers with wood handle:
    - Cone & chisel with chisel “hatchet” type.
    - Cone & chisel with chisel “cross chisel” type.
4. 11 in. vise-grip C Clamps with pads (qty: 2)
5. 14 in, 15 in **or** 17 in Vise-grip long reach C Clamp with pads.
6. Small metal spring clamps (qty:2)
7. Hand Brush with wood handle
8. 3/4” wide cold Chisel for steel.
9. Ball Peen Hammer - 24 oz. size with wood handle or fiberglass
10. Tweco 300A or 350A Clamp Style Electrode Holder
11. 12.5’ of #4 welding cable (for electrode holder)
12. Male TWECO Connector (Part No. 2-MPC-1)
13. Two grinders:
    a. DEWALT 4-1/2 in 11 Amp Paddle Switch Corded Angle Grinder (DEWALT # 402W5)
    b. DEWALT 7 in 13-Amp Trigger Corded Angle Grinder (DEWALT # DW840)
14. Grinding wheels (Norton brand preferred)
    - 4-1/2” x 1/4” (qty:2).
    - 4-1/2” x 1/8” (qty: 2).
    - 7” x 1/4” (qty:4).
    - 7” x 1/8” (qty:2).
15. Wire Wheels (brush).
    - 4-1/2” Bead Brush (qty: 4).
    - 6” Bead Brush (qty: 2).
16. Striker (to light torch).
17. Torch Tip Cleaner sets - short and long.
18. Soapstone (chalk) with holder.
19. “Rod Guard” Standard Size - 10lb capacity.
20. Helmet bags (qty:2) - for helmet & face shield.
21. 0-W-1 Welding Nozzle (100Series Victor Torch) (qty: 1).
22. 2-W-1 Welding Nozzle (100Series Victor Torch) (qty: 1).
23. Leather Bottom Bucket with Connection Points Part # Klein Tools 5104OCTO (qty: 1).
24. 24-inch canvas tool bag - leather Part # Klein Tools 5102-24 (qty: 1).

ADDITIONAL LIST FOR BUNDLE 1:

1. Safety Glasses # 5 Dark Green Tint.
2. Arc Welding Gloves Tillman 850.
3. Miller® LPR-100™ Half Face Air Purifying Respirator With 2 P100 Filters.
4. Two Slag Hammers with wood handle:
    - Cone & chisel with chisel “hatchet” type.
    - Cone & chisel with chisel “cross chisel” type.
5. 11 in. vise-grip C Clamps with pads (qty: 2)
6. 14 in, 15 in **or** 17 in Vise-grip long reach C Clamp with pads.
7. Medium size metal spring clamps (qty:2)
8. Hand Brush with wood handle.
9. 3/4” wide cold chisel for steel.
10. Ball Peen Hammer - 24 oz. size with wood handle or fiberglass.
11. Two grinders:
    a. DEWALT 4-1/2 in 11 Amp Paddle Switch Corded Angle Grinder (DEWALT # 402W5).
    b. DEWALT 7 in 13-Amp Trigger Corded Angle Grinder (DEWALT # DW840)
12. Grinding wheels (Norton Brand Preferred).
    - 4-1/2” x 1/4” (qty: 2).
    - 4-1/2” x 1/8” (qty: 2).
    - 7” x 1/4” (qty: 4).
    - 7” x 1/8” (qty: 2).
13. Wire Wheels (brush).
    - 4-1/2” Bead Brush (qty: 4).
    - 6” Bead Brush (qty:2).

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ADDITIONAL LIST OF WELDING GEAR AND HAND TOOLS

14. Striker (to light torch).
15. Torch Tip Cleaner sets - short and long.
16. Round and Flat Soapstone (chalk) with holder. (qty 2)
17. “Rod Guard” Standard Size - 10lb capacity (qty: 3)
18. MIG pliers
19. Helmet bags (qty: 2) - for helmet & face shield.
20. Leather Bottom Bucket with Connection Points Part # Klein Tools 5104OCTO (qty: 1).
21. 24-inch canvas tool bag - leather Part # Klein Tools 5102-24 (qty: 1).
22. Nicholson 14” Half Round Pipeliner file - Manufacturer Part # 05190N
23. Round Telescoping Inspection Mirror 2-1/4”, 30º, Retractable Handle
24. Small Spacing Wedge 3/16" X 3/4" X 4" Pipe Spacing Wedge (qty: 2).
25. 24” long Chain locking pliers Strong Hand Tools Part # PFC1024.
26. CLC Custom Leathercraft V310 Knee pads
27. Pipe Wraparound for 2″-16″ pipe size - Wizard Part # WW-17 (Medium)
28. 1/8” pipeliner wheels for 7-inch grinder (qty: 2).
29. Tweco 300A or 350A Clamp Style Electrode Holder
30. 12.5’ of #4 welding cable (for electrode holder)
31. Male TWECO Connector (Part No. 2-MPC-1)
32. 0-W-1 Welding Nozzle (100Series Victor Torch) (qty: 1).
33. 2-W-1 Welding Nozzle (100Series Victor Torch) (qty: 1).
34. Items below *can be purchased from school*:
    - KP2746-1 Diffuser, Thread On, 350A (qty: 1).
    - KP2773-2 INSULATOR 350 (qty: 1).
    - KP2742-1-50S Nozzle, 350, Thread On, 1/8SO 1/2 ID (qty: 1).
    - KP2742-1-62F NOZZLE, 350, THREAD-ON, 1/8SO 5/8 ID (qty: 1).
    - KP2744-045 CONTACT TIP 350, .045 (qty: pack of 10).
    - KP3536-1 DIFFUSER O-RING (qty: 1 bag of 10).
    - KP2907-1 Insulator (qty: 1).
    - KP1914-2 Gun Tube Assembly, FCAW, 30°,6”.
    - KP2906-62 Gun Tube, 62°, No Reverse Bend (qty: 1).
    - KP2745-072 CONTACT TIP .072 (qty: pack of 10).
    - 9SS13037 HEAT SHIELD ASBLY (qty:1).
    - KP2908-1 TIP HOLDER (qty: 1).
    - KP2089-1 Gun Tube Insulator/Thread Protector (qty:1).

ADDITIONAL LIST FOR BUNDLE 2, W102, W104, W105:

1. Safety Glasses # 5 Dark Green Tint.
2. Arc Welding Gloves Tillman 850.
3. Miller® LPR-100™ Half Face Air Purifying Respirator With 2 P100 Filters.
4. Two Slag Hammers with wood handle:
    - Cone & chisel with chisel “hatchet” type.
    - Cone & chisel with chisel “cross chisel” type.
5. 11 in. vise-grip C Clamps with pads (qty: 2)
6. 14 in, 15 in **or** 17 in Vise-grip long reach C Clamp with pads.
7. Small metal spring clamps (qty:2)
8. Hand Brush with wood handle.
9. 3/4” wide cold chisel for steel.
10. Ball Peen Hammer - 24 oz. size with wood handle or fiberglass.
11. MIG pliers.
12. Two grinders:
    a. DEWALT 4-1/2 in 11 Amp Paddle Switch Corded Angle Grinder (DEWALT # 402W5) or similar.
    b. DEWALT 7 in 13-Amp Trigger Corded Angle Grinder (DEWALT # DW840) or similar.
13. Grinding wheels (Norton Brand Preferred):
    - 4-1/2” x 1/4” (qty: 2).
    - 4-1/2” x 1/8” (qty: 2).
    - 7” x 1/4” (qty: 4).
    - 7” x 1/8” (qty: 2).

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ADDITIONAL LIST OF WELDING GEAR AND HAND TOOLS

14. Wire Wheels (brush)
    - 4-1/2” Bead Brush (qty: 4).
    - 6” Bead Brush (qty: 2).
15. Striker (to light torch).
16. Torch Tip Cleaner sets - short and long.
17. Soapstone (chalk) with holder.
18. “Rod Guard” - 10lb capacity (qty: 2).
19. Helmet bags (qty: 2) - for helmet & face shield.
20. Leather Bottom Bucket with Connection Points Part # Klein Tools 5104OCTO (qty: 1).
21. 24-inch canvas tool bag - leather Part # Klein Tools 5102-24 (qty: 1).
22. Pneumatic needle scaler / air chisel combo (qty: 1).
23. DEWALT Die Grinder: 4.2 A Current Part No. DWE4887 (qty: 1).
24. Carbide Burr Bit 1/4" Shank Ball-Nosed Cone Shape (qty:2)
25. 1/4” carbon arc gouging rod (qty: 1 box).
26. 1/4” air hose with industrial type quick coupler fittings, 15 ft long minimum, rubber material (qty: 1).
27. 0-W-1 Welding Nozzle (100Series Victor Torch) (qty: 1).
28. 2-W-1 Welding Nozzle (100Series Victor Torch) (qty: 1).
29. Lenco LT250 250 Amp Electrode Holder Twist Type
30. 12.5’ of #4 welding cable (for electrode holder)
31. Male TWECO Connector (Part No. 2-MPC-1).
32. 1000 Amp Arc Gouging Torch With 7' Cable.
33. Items below *can be purchased from school*:
    - KP2746-1 Diffuser, Thread On, 350A (qty: 1).
    - KP2773-2 INSULATOR 350 (qty: 1).
    - KP2742-1-50S Nozzle, 350, Thread On, 1/8SO ½ ID (qty: 1).
    - KP2742-1-62F NOZZLE, 350, THREAD-ON, 1/8SO 5/8 ID (qty: 1).
    - KP2744-045 CONTACT TIP 350, .045 (qty: pack of 10).
    - KP3536-1 DIFFUSER O-RING (qty: 1 bag of 10).
    - KP2907-1 Insulator (qty: 1).
    - KP1914-2 Gun Tube Assembly, FCAW, 30°,6”.
    - KP2906-62 Gun Tube, 62°, No Reverse Bend.
    - KP2745-072 CONTACT TIP, .068 - .072 (qty: 1 pack of 10).
    - 9SS13037 HEAT SHIELD ASBLY (qty: 1).
    - KP2908-1 TiP HOLDER (qty: 1).
    - KP2089-1 Gun Tube Insulator/Thread Protector (qty: 1).
    - KP2745-564 CONTACT TIP, 5/64.
    - KP1914-1 30º 12 inches Goose Neck.

ADDITIONAL WELDING GEAR AND HAND TOOLS FOR BUNDLE 3, BUNDLE 4, W201 THROUGH W206, W211, W212:

1. Safety Glasses # 5 Dark Green Tint.
2. Arc Welding Gloves Tillman 850.
3. “Rod Guard” - 10lb capacity (qty: 2).
4. 24 oz. Ball Peen Hammer with wood handle or fiberglass.
5. 3 vise-grip C Clamps with pads.
6. DEWALT 4-1/2 in 11 Amp Paddle Switch Corded Angle Grinder (DEWALT # 402W5).
7. DEWALT 7 in 13-Amp Trigger Corded Angle Grinder (DEWALT # DW840).
8. 9 in Grinder (Bundle 4 only).
9. Grinding wheels (Norton Brand Preferred):
    a. 4-1/2” x 1/4” (qty: 1).
    b. 4-1/2” x 1/8” (qty: 2).
    c. 7” x 1/4” (qty: 1).
    d. 7” x 1/8” (qty: 2).
10. Wire Wheels (brush).
    a. 4-1/2” Bead Brush (qty: 1).
    b. 7” Bead Brush (qty: 1).
11. Striker (to light torch).
12. Torch Tip Cleaner sets - short and long.
13. 0-W-1 Welding Nozzle (100Series Victor Torch) (qty: 1).
14. 2-W-1 Welding Nozzle (100Series Victor Torch) (qty: 1).
15. Soapstone (chalk) with holder (round).
16. Helmet bags (qty:2) - for helmet & face shield.
17. Nicholson 14” Half Round Pipeliner file - Manufacturer Part # 05190N (qty: 1).

**purchased as needed throughout the course*

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ADDITIONAL LIST OF WELDING GEAR AND HAND TOOLS

18. Round Telescoping Inspection Mirror 2-1/4”, 30º Retractable Handle.
19. 1/8” pipeliner wheels for 7-inch grinder and/or 9 in grinder.
20. Small Spacing Wedge 3/16" X 3/4" X 4" Pipe Spacing Wedge (qty: 2).
21. 24” long Chain locking pliers Strong Hand Tools Part # PFC1024.
22. CLC Custom Leathercraft V310 Knee pads
23. Pipe Wraparound for 2″-16″ pipe size - Wizard Part # WW-17 (Medium)
24. Pipe Wraparound for 6″- 30″ pipe Wizard Part # WW17A (Large)
25. Sumner Flange Leveler, 5/8-1 5/8 In holes -Sumner part #: 781240 (qty:1).
26. Curvomark #7 Jumbo Centering Head, part # 14776 (qty: 1).
27. Curvomark #8 Pro-Mag Level, part # 14777 (qty: 1).
28. Stringline and line level.
29. Medium Spring clamps (qty: 3).
30. IPT'S PIPE TRADES HANDBOOK.
31. Tweco 300A or 350A Clamp Style Electrode Holder
32. 12.5’ of #4 welding cable (for electrode holder)
33. Male TWECO Connector (Part No. 2-MPC-1)
34. Leather Bottom Bucket with Connection Points Part # Klein Tools 5104OCTO (qty: 1).
35. 24-inch canvas tool bag - leather Part # Klein Tools 5102-24 (qty: 1)
36. Two Slag Hammers with wood handle:
    - Cone & chisel with chisel “hatchet” type.
    - Cone & chisel with chisel “cross chisel” type.
37. Pipe Jack Stands (qty:2)
38. 3 inch cone stone with 5/8 X 11 threads
39. *BUNDLE 3, W203, W204,W205 ONLY*: one of each of the following:
    - Black Stallion Mighty MIG 39 MIG Gloves
    - Adjustable Tungsten Electrode Grinder - Techsouth 120V
    - CK26 HD RG Heavy Duty Gas Cooled Tig Torch with Valve 15 ft.
    - Cable Cover Leather - Weldtec Part No. TCL-3-10Z
    - 10 ft 1/4 in. extension Argon gas hose with Male Argon fittings on each end. And female-female Argon gas coupling.
    - Steel or aluminum squares (1 ft. & 2 ft.).
    - 1/8” and 3/32” Tungsten 10 Packs, 2% ceriated
    - 26 Size Torch accessories:

WeldingCity® 17-pcs Torch Accessory Kit Assorted Sizes 040-1/16-3/32-1/8 for Regular Setup OR one of each of the following:

- Collet Body 1/8 and 3/32 sizes
- Collet 1/8 and 3/32 sizes
- Back Cap - Long, Medium and Short
- Standard cups #5, 6, 7, 8 & champagne cup.

ADDITIONAL WELDING GEAR AND HAND TOOLS FOR BUNDLE 5, BUNDLE 6, BUNDLE 8, BUNDLE 9, AND W301 SERIES COURSES, W302, W303 and W305 COURSES:

1. Stackable rolling toolbox with compartment separator (such as Husky 22 in. Connect Rolling System Tool Box).
2. Steiner All Grain 0266 Pro-Series TIG Welding Gloves.
3. Adjustable Tungsten Electrode Grinder - Techsouth 120V
4. 10 Pack Tungsten Electrodes 3/32” diameter 2% Ceriated.
5. Deburring tool (qty: 1).
6. 11 in. vise-grip C Clamps with pads (qty: 2)
7. 14 in, 15 in **or** 17 in Vise-grip long reach C Clamp with pads.
8. Medium size metal spring clamps (qty:2)
9. 6” or 8” diameter self-sticking sandpaper discs 120 grit, 220 grit, 300 grit and 600 grit. Qty: 5 of each grit. (Bundle 5 only)
10. 90° Angle Mini Pneumatic (Air) Grinder with 1” and 2” Pad (qty: 1).
11. 2” Scotch-brite buffing disc pads for cleaning aluminum (qty: 5).
12. Small stainless-steel brush (qty: 1).
13. Medium stainless-steel brush (qty: 1).
14. Small regular steel brush (qty: 1).
15. Medium regular steel brush (qty: 1).
16. Roll of blue masking tape 2” wide (qty: 1).

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ADDITIONAL LIST OF WELDING GEAR AND HAND TOOLS

17. Small container of Acetone (a can, no plastic) (qty: 1).
18. Bottle of Heet (qty: 1).
19. 14" (8 Tooth per inch) Flat Body File (qty: 1).
20. MIG Pliers.
21. Ball Peen Hammer - 12 oz. size wood handle.
22. Lint free cloth.
23. Solar Flux Type B (qty: 1).
24. (qty: 2).
25. 11" Pipe Pliers Strong Hand Tools PG114V (qty:2)
26. 1/2" chip paint brush (qty: 1).
27. DEWALT 4-1/2 in 11 Amp Paddle Switch Corded Angle Grinder (DEWALT # 402W5).
28. Grinding wheels - Norton Blue Fire or Tiger brand:
    - 4-1/2" x 1/4" (qty: 1).
    - 4-1/2" x 1/8" (qty: 1).
29. 1/8" cutting wheels (qty: 4).
30. 1/4" air hose with industrial type quick coupler fittings, 15 ft long minimum, rubber material (qty: 1).
31. For 20 size TIG torch: WeldingCity 20 size torch kit or Furick Starter Kit 9/20 Torches Part # FU920-SK

OR each of the following:

a. Standard Collet Body for 3/32" diameter electrode (qty: 1).
b. Standard Collet for 3/32" diameter electrode (qty: 1).
c. Standard Collet Body for 1/16" diameter electrode (qty: 1).
d. Standard Collet for 1/16" diameter electrode (qty: 1).
e. Gas Cups sizes #5, #6, #7 and #8 and monster cup for Standard collet (qty: 2 of each size).
f. TIG Cup Insulator for Standard Collet (qty: 2).
g. Gas Lens Collet body 3/32" diameter electrode (qty: 1).
h. Gas Lens Collet 3/32" diameter electrode (qty: 3).
i. Gas Lens Collet body 1/16" diameter electrode (qty: 1).
j. Gas Lens Collet 1/16" diameter electrode (qty: 3).
k. Gas Cups sizes #5, #6, #7 and #8 for Gas Lens Collet (qty: 2 of each size).
l. TIG Cup insulator for Gas Lens Collet (qty: 2).
m. Large back cap (qty: 1).
n. Medium back cap (qty: 1).
o. Short back cap (qty: 1).

32. For 17 size TIG torch: WeldingCity® 17-pcs Torch Accessory Kit Assorted Sizes 040-1/16-3/32-1/8 for Regular Setup

OR each of the following:

a. Standard Collet Body for 3/32" diameter electrode (qty: 1).
b. Standard Collet for 3/32" diameter electrode (qty: 3).
c. Standard Collet Body for 1/16" diameter electrode (qty: 1).
d. Standard Collet for 1/16" diameter electrode (qty: 3).
e. Gas Cups sizes #5, #6, #7 and #8 for Standard collet (qty: 2 of each size).
f. TIG Cup Insulator for Standard Collet (qty: 2).

33. For W302-SS course:
    a. Purging Dams for 2" diameter pipe and tubing.
    b. Furick Starter Kit 9/20 Torches Part # FU920-SK

ADDITIONAL WELDING GEAR AND HAND TOOLS FOR BUNDLE 8, BUNDLE 9, W106, W304 SERIES:

1. Stackable rolling toolbox with compartment separator (such as Husky 22 in. Connect Rolling System Tool Box).
2. Black Stallion Mighty MIG 39 MIG Gloves
3. Full size carbon steel hand brush
4. Grinding wheels (Norton Brand Preferred):
    a. 4-1/2" x 1/4" (qty: 1).
    b. 4-1/2" x 1/8" (qty: 2).
5. DEWALT 4-1/2 in 11 Amp Paddle Switch Corded Angle Grinder (DEWALT # 402W5).
6. Ball Peen Hammer - 24 oz. size with wood handle or fiberglass.

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**purchased as needed throughout the course*

ADDITIONAL LIST OF WELDING GEAR AND HAND TOOLS

7. 1/8” cutting wheels for 4 1/2” grinder (qty: 4).
8. Contact Tips (*to be purchased at school*).
9. Nozzle (*to be purchased at school*).
10. 2 vise-grip C Clamps with pads.

ADDITIONAL LIST FOR BUNDLE 7:

1. Safety Glasses # 5 Dark Green Tint.
2. Arc Welding Gloves Tillman 850.
3. MIG welding gloves.
4. Miller® LPR-100™ Half Face Air Purifying Respirator With 2 P100 Filters.
5. Two Slag Hammers with wood handle:
    a. “hatchet” type.
    b. “cross chisel” type.
6. Hand Brush with wood handle.
7. Chisel for steel (cold chisel 3/4” wide).
8. Ball Peen Hammer - 24 oz. size with wood handle or fiberglass.
9. MIG pliers.
10. Two grinders:
    a. i. DEWALT 4-1/2 in 11 Amp Paddle Switch Corded Angle Grinder (DEWALT # 402W5) or similar.
    b. ii. DEWALT 7 in 13-Amp Trigger Corded Angle Grinder (DEWALT # DW840) or similar.
11. Grinding wheels (Norton Brand Preferred):
    a. 1. 4-1/2” x 1/4” (qty: 2).
    b. 2. 4-1/2” x 1/8” (qty: 1).
    c. 3. 7” x 1/4” (qty: 2).
    d. 4. 7” x 1/8” (qty: 1).
12. Wire Wheels (brush):
    a. 1. 4-1/2” Bead Brush (qty: 2).
    b. 2. 6” Bead Brush (qty: 1).
13. Striker (to light torch).
14. Torch Tip Cleaner sets - short and long.
15. Soapstone (chalk) with holder.
16. 2 vise-grip C Clamps with pads.
17. 1 long reach vise-grip C Clamps with pads.18. 2 medium size spring clamps.
18. “Rod Guard” - 10lb capacity (qty: 2).
19. Helmet bags (qty:2) - for helmet & face shield.
20. Leather Bottom Bucket with Connection Points Klein Tools 5104OCTO (qty: 1).22. 24-inch canvas tool bag - leather (such as Klein Tools 5102-24) (qty: 1).
21. 00-W-1 Welding Nozzle (100Series Victor Torch) (qty: 1).
22. 2-W-1 Welding Nozzle (100Series Victor Torch) (qty: 1).
23. Lenco LT250 250 Amp Electrode Holder Twist Type with 8’ cable (qty: 1).
24. Contact Tips (to be purchased at school).
25. Flux Core and MIG Gun parts (*to be purchased at school*).

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Course Catalog
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