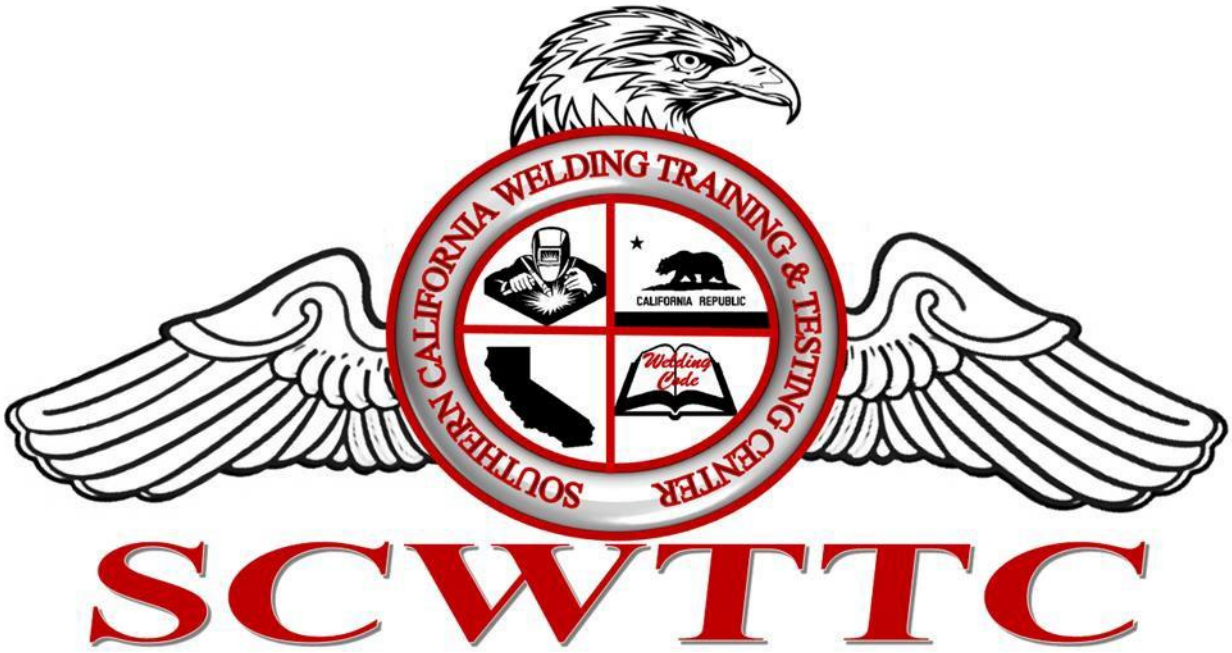


SOUTHERN CALIFORNIA WELDING TRAINING AND TESTING CENTER

SCWTTC

Catalog of Courses
January 1 to December 31, 2025

1500 Mariner Dr. Unit #F, Oxnard, CA
Office: (805) 486-8700
www.socalweldtrainingschool.org



Southern California Welding Training and Testing Center

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‘‘GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at https://www.benefits.va.gov/gibill."

2. Annual Updates

The policy of this institution is to update the official school catalog annually, in January of each year.

Annual updates may be made by the use of supplements or inserts accompanying the catalog. If changes in educational programs, educational services, procedures, or policies required to be included in the catalog by statute or regulation are implemented before the issuance of the annually updated catalog, those changes shall be reflected at the time they are made in supplements or inserts accompanying the catalog.

3. Institution's School Catalog

This institution makes its current catalog and current program brochures available to the public at no charge. Individuals who wish to obtain a copy can make arrangements by simply calling the school’s office.

4. Institution’s Location

Southern California Welding Training and Testing Center
1500 Mariner Dr. Unit #F, Oxnard, CA 93033
(805) 486-8700
https://socalweldtrainingschool.org

5. Instructional Location

1500 Mariner Dr. Unit #F, Oxnard, CA 93033

1641 Pacific Ave. #94, Oxnard, CA 93033

6. Catalog Effective Dates.

This institution’s catalog of courses effective date is January 01, 2025, and ends on December 31, 2025.

7. Approved to Operate

This institution is a private institution approved to operate by the California Bureau for Private Postsecondary Education. (BPPE) Approval to operate means the institution is compliant with minimum standards contained in the

California Private Postsecondary Education Act of 2009 (as amended) and Division 7.5 of title 5 of the California code of Regulations.

8. Non status petition

This institution has **not** had a pending petition in bankruptcy, is not operating as a debtor in possession and has not filed a bankruptcy petition within the preceding five years nor has 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

9. Student Catalog Review

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.

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 N. Market Blvd., Suite 225 Sacramento, CA 95834, P.O. Box 980818, West Sacramento, CA 95798, www.bppe.ca.gov, toll free telephone number (888) 370-7589 Fax (916) 263-1897

10. Institutional Mission and Objectives

Our mission at SCWTTC is to educate and empower adult students, of all backgrounds to meet their goals through high quality training, current industry practices, and affordable career technical education; in preparation for competing in the ever-changing, local, regional, and global communities. SCWTTC provides students with the technical and hands-on skills required to become marketable candidates for employment in the metal fabrication and welding industry through classroom activities and practical hands-on shop experience.

The objective of SCWTTC is to provide the guidance and resources necessary to ensure an environment supportive to learning. However, it is important to emphasize that the objective of our program is to support an educational climate in which reinforces the learning and development of the student.

SCWTTC provides each student with the skills necessary to participate and function effectively in the welding industries. In addition, we are committed to the goal of achieving excellence through a program of instruction which offers each student an opportunity to develop to the maximum of his potential.

11. Description of the Facilities and Equipment

The school located at 1500 Mariner Drive Unit #F Oxnard, CA 93033 it is an industrial building approximately 16 years old with 3735 sq. ft. of floor space. The floor space is laid out with multiple welding workstations containing equipment appropriate to the specific welding skills being taught. Whiteboards, tables and chairs to sit 20 students at a time are found in the classroom.

SCWTTC has a satellite school facility located at 1641 Pacific Ave, Unit 94, Oxnard, CA 93033, in an industrial building approximately 24 years old with 1387 sq. ft. of floor space. The floor space is laid out with multiple welding workstations containing equipment appropriate to the specific welding skills being taught. Whiteboards, tables and chairs to sit 10 students at a time are found in the room devoted to classroom instruction.

Oxy-Acetylene Torch	14” Cutoff Metal Saw	Horizontal Band Saw
Cordless Hand Drill	9” Metal Skill Saw	Rod Oven
Air Compressor	4” Angle Grinder	Tensile Tester
Hossfeld Universal Bender	Fabrication Bench	Tensile Tester/ Bend Tester
Floor Drill Press	Vertical Band Saw	8” Bench grinder
2” Pedestal Belt Sander	Gas Metal Arc Welder	Resistance Spot Welder
Manual Iron Bender	Mig Spool gun	Welding Positioner
BCR Metal Roller	Shielded Metal Arc Welder	Dust Collector
Fabrication Table	Electrical Arc Welder	12” Metal Shear
Gas Tungsten Arc Welder	Tig Water Cooler	Pipe Beveller
Inert Gas Tank	Mechanical Notcher	Manual Metal Hole Punch
Mechanical Notcher	24”x 6” Sander	Manual Corner Notcher
Flux Core Arc Welder	Blacksmith Anvil	Rough Iron Bender
8 Foot Latter	8” Bench Vise	Piranha Ironworker
48” Mechanical Slip Roller	48” Sheet Metal Brake	Tube Facing Machine
Scotchman Ironworker	48” Sheet Metal Shear	2.5” Belt Sander

12. Library Resources

Learning resources provided include access to books, periodicals, videos to support the learning objectives of the programs offered. Student may access learning resources by asking any staff member during normal business hours. Staff members are also available to provide research assistance.

13. Unanswered Catalog Questions

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 N. Market Blvd. Suite 225, Sacramento, CA 95834, P.O. Box 980818, West Sacramento, CA 95798, www.bppe.ca.gov., toll free telephone number (888) 370-7589 or by fax (916) 263-1897

14. Complaints

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 or by completing a complaint form, which can be obtained on the bureau's Internet Web site www.bppe.ca.gov.

15. Transferability of Credits and Credentials Earned at our Institution

The transferability of credits you earn at Southern California Welding Training and Testing Center is at the complete discretion of an institution to which you may seek to transfer. Acceptance of the certificate you earn in the educational program is also at the complete discretion of the institution to which you may seek to transfer. If the educational program 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 will meet your educational goals. This may include contacting an institution to which you may seek to transfer after attending Southern California Welding Training and Testing Center to determine if your educational program will transfer."

16 Notice to Prospective Students.

This institution is a private institution approved to operate by the California Bureau for Private Postsecondary Education. (BPPE) Approval to operate means the institution is compliant with minimum standards contained in the California Private Postsecondary Education Act of 2009 (as amended) and Division 7.5 of title 5 of the California code of Regulations.
This institution is not accredited by an accrediting agency recognized by the United States Department of Education and does not offer degree programs.

17 Admissions Policies

- Student must have graduated from high school, or earned a GED
- Student must pay all applicable fees, as per the current published fee schedule prior to the issuance of an enrollment contract or make other arrangements acceptable to the school.
- This institution does not award credit for satisfactory completion of CLEP or other comparable examinations.

18. Procedures for the Award of Credit for Prior Experiential Learning

This institution does not award credit for experiential learning.
At least a high school diploma or its equivalent.

This institution has not entered into an articulation or transfer agreement with any other institution.

19. Visa Related Services

This institution does not admit students from other countries, so no visa related services are offered.

Language Proficiency

For a student whose high school or equivalent coursework was not completed in English, and for whom English was not a primary language, the student must attain qualifying score of 97 on the CELSA. This requirement does not apply to students who have received their high school diploma or the equivalent at an academic institution which has provided the instruction in the English language. Similarly, this requirement does not apply to students who have completed coursework, in English, at the college level.

Language of Instruction

Instructions will be given in no language other than English.

English as a Second Language Instruction

This institution does not provide ESL instruction.

22. Professions – Requirements for Eligibility for Licensure

This institution is not accredited by an accrediting agency recognized by the United States Department of Education.

However, certification is a goal of these programs. The following certifying organizations issue the certifications, listed below, to qualified graduates of welding programs upon passage of the test by a qualified local testing center. Below are the local certifying agencies. The specific agency certifications are listed in the program description section of the catalog. The pre-requisites classes in each of the programs of study are listed in the tables below.

Program I Certified General Welder List of Certifications

No.	Certifying Agency	Website	Certification	Prerequisite classes for certification eligibility
1.	American Welding Society	http://www.aws.org	AWS D1.3 Structural Welding Code – Sheet Steel GMAW	WLDG 1105-A
2.	American Welding Society	http://www.aws.org	AWS D17.1 Fusion Welding for Aerospace GTAW Aluminum	WLDG 1107
3.	American Welding Society	http://www.aws.org	AWS D17.1 Fusion Welding for Aerospace GTAW Stainless	WLDG 1108
4.	American Welding Society	http://www.aws.org	AWS D1.1 Structural Welding Code - Steel SMAW	WLDG 1111
5.	American Welding Society	http://www.aws.org	AWS D1.1 Structural Welding Code - Steel FCAW-G	WLDG 1115

Program II Combination Welder – Fabricator List of Certifications

No.	Certifying Agency	Website	Certification	Prerequisite classes for certification eligibility
1.	American Welding Society	http://www.aws.org	AWS D1.3 Structural Welding Code – Sheet Steel GMAW	WLDG 1105-A
2.	American Welding Society	http://www.aws.org	AWS D17.1 Fusion Welding for Aerospace GTAW Aluminum	WLDG 1107
3.	American Welding Society	http://www.aws.org	AWS D1.1 Structural Welding Code-Steel FCAW-G	WLDG 1115

Program III Structural Welder List of Certifications

No.	Certifying Agency	Website	Certification	Prerequisite classes for certification eligibility
1.	American Welding Society	http://www.aws.org	AWS D1.1 Structural Welding Code-Steel SMAW	WLDG 1111
2.	American Welding Society	http://www.aws.org	AWS D1.1 Structural Welding Code-Steel FCAW-G	WLDG 1116-A
3.	American Welding Society	http://www.aws.org	AWS D1.1 Structural Welding Code-Steel FCAW	WLDG 1117
4.	Los Angeles Department of Building & Safety	http://www.ladbs.org	LADBS Structural Steel SMAW	WLDG 1122
5.	Los Angeles Department of Building & Safety	http://www.ladbs.org	LADBS Structural Steel FCAW	WLDG 1122

Program IV Pipe Welder List of Certifications

No.	Certifying Agency	Website	Certification	Prerequisite classes for certification eligibility
1.	American Petroleum Institute	http://www.api.org	API 1104 6” 6G sch. 40 pipe certification	WLDG 1112
2.	American Society of Mechanical Engineers	https://www.asme.org	ASME Sec IX Pressure Vessel SMAW 2” Carbon steel sch. 80	WLDG 1113-A
3.	American Society of Mechanical Engineers	https://www.asme.org	ASME Sec IX Pressure Vessel SMAW 6” Carbon steel sch. 80	WLDG 1113-B
4.	American Society of Mechanical Engineers	https://www.asme.org	ASME Sec IX Pressure Vessel GTAW 2” Stainless Steel sch. 80	WLDG 1114-A
5.	American Society of Mechanical Engineers	https://www.asme.org	ASME Sec IX Pressure Vessel GTAW 6” Stainless Steel Tubing	WLDG 1114-B

Program V Aerospace Welder List of Certifications

No.	Certifying Agency	Website	Certification	Prerequisite classes for certification eligibility
1.	American Welding Society	http://www.aws.org	AWS D17.1 Fusion Welding for Aerospace GTAW Aluminum	WLDG 1107
2.	American Welding Society	http://www.aws.org	AWS D17.1 Fusion Welding for Aerospace GTAW Stainless	WLDG 1108
3.	American Society of Mechanical Engineers	https://www.asme.org	ASME Sec IX Pressure Vessel GTAW 2” Chromoly Tubing	WLDG 1109-A
4.	American Society of Mechanical Engineers	https://www.asme.org	ASME Sec IX Pressure Vessel GTAW 2” Stainless Steel	WLDG 1109-B
5.	American Welding Society	http://www.aws.org	AWS D17.1 Fusion Welding for Aerospace GTAW 321 SS	WLDG 1109-C
6.	American Welding Society	http://www.aws.org	AWS D17.1 Fusion Welding for Aerospace GTAW Inconel	WLDG 1109-D
7.	American Welding Society	http://www.aws.org	AWS D17.1 Fusion Welding for Aerospace GTAW Titanium	WLDG 1109-E

Program VI Automotive Welder-Fabricator List of Certification

No.	Certifying Agency	Website	Certification	Prerequisite classes for certification eligibility
1.	American Welding Society	http://www.aws.org	AWS D1.3 Structural Welding Code – Sheet Steel GMAW	WLDG 1105-A
2.	American Welding Society	http://www.aws.org	AWS D17.1 Fusion Welding for Aerospace GTAW Aluminum	WLDG 1107
3.	American Society of Mechanical Engineers	https://www.asme.org	ASME Sec IX Pressure Vessel GTAW 2” Chromoly Tubing	WLDG 1109-A

Presented below is a list of local authorized testing centers.

No.	Welding Lab	Telephone	Address	Website
1.	Ventura College	(805) 289-6000	4667 Telegraph Rd, Ventura, CA 93003	http://www.venturacollege.edu
2.	Oxnard Adult School	(805) 385-2578	1101 W 2nd St., Oxnard, CA 93030	http://www.oxnardadulted.us
3.	Simi Institute for Careers and Education	(805) 579-6200	1330 Blackstock Ave. Simi Valley, CA 93065	http://simiinstitute.org

Certifying Agencies

American Welding Society
Los Angeles Department of Building & Safety
American Petroleum Institute
American Society of Mechanical Engineers

23. Schedule of Total Charges for a Period of Attendance

Program Name	
Certified General Welder TOTAL CHARGES FOR CURRENT PERIOD OF ATTENDANCE ESTIMATED TOTAL CHARGES FOR THE ENTIRE EDUCATIONAL PROGRAM	**$22,600.00** **$25,675.00**
Combination Welder/Fabricator TOTAL CHARGES FOR CURRENT PERIOD OF ATTENDANCE ESTIMATED TOTAL CHARGES FOR THE ENTIRE EDUCATIONAL PROGRAM	**$25,025.00** **$26,875.00**
Structural Welder TOTAL CHARGES FOR CURRENT PERIOD OF ATTENDANCE ESTIMATED TOTAL CHARGES FOR THE ENTIRE EDUCATIONAL PROGRAM	**$24,167.85** **$27,292.85**
Pipe Welder TOTAL CHARGES FOR CURRENT PERIOD OF ATTENDANCE ESTIMATED TOTAL CHARGES FOR THE ENTIRE EDUCATIONAL PROGRAM	**$28,500.00** **$31,050.00**
Aerospace Welder TOTAL CHARGES FOR CURRENT PERIOD OF ATTENDANCE ESTIMATED TOTAL CHARGES FOR THE ENTIRE EDUCATIONAL PROGRAM	**$25,559.75** **$28,669.75**
Automotive Welder/Fabricator TOTAL CHARGES FOR CURRENT PERIOD OF ATTENDANCE ESTIMATED TOTAL CHARGES FOR THE ENTIRE EDUCATIONAL PROGRAM	**$18,597.00** **$20,642.00**

24. Student Tuition Recovery Fund Disclosures.

"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."

"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 N. Market Blvd, Suite 225, Sacramento, CA 95834, www.bppe.ca.gov, toll-free telephone number (888) 370-7589 or by fax (916) 263-1897.

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 fail to pay.
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.
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 no 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.

25. Refund Policy

A pro rata refund pursuant to section 94910(c) or 94920(d) or 94927 of the code shall be no less than the total amount owed by the student for the portion of the educational program provided subtracted from the amount paid by the student calculated as follows:

The amount owed equals the daily charge for the program (total institutional charge, divided by the number of days or hours in the program), multiplied by the number of days student attended, or was scheduled to attend, prior to withdrawal.

No refunds are due once the student has received 60% of the clock hours of instruction in any given period of attendance. For purposes of determining a refund, a student shall be considered to have withdrawn from an educational program when he or she withdraws or is deemed withdrawn in accordance with the withdrawal policy stated in this institution's catalog.

If an institution has collected money from a student for transmittal on the student's behalf to a third party for a bond, library usage, or fees for a license, application, or examination and the institution has not paid the money to the third party at the time of the student's withdrawal or cancellation, the institution shall refund the money to the student within 45 days of the student's withdrawal or cancellation.

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.

This institution shall refund any credit balance on the student's account within 45 days after the date of the student's completion of, or withdrawal from, the educational program in which the student was enrolled.

26. Faculty

Jesus Guzman; California teaching credential teacher in the subject construction trades and Career technical education, sixteen years of teaching experience delivering lessons and training career technical programs in the area of welding. Certified by The American Welding Society as a Certified Welding Educator and Certified Welding Inspector. Twenty-four years of welding experience in industries of Aerospace, Automotive, construction, manufacturing, and certified welding.

Jesse A. Guzman; Associate degree in Welding Technologies from College of the Canyons, and four years teaching experience delivering lessons and training career technical programs in the area of welding. Eight years welding experience in Aerospace, Automotive, and certified welding.

27. Policies and Procedures Regarding Financial Aid

The school does not participate in either State or Federal financial aid programs, nor does it provide financial aid directly to its students. A student enrolled in an unaccredited institution is not eligible for federal financial aid programs.

28. Loan Repayment

If a student obtains a loan to pay for an educational program, the student will have the responsibility to repay the full amount of the loan plus interest, less the amount of any refund, and that, if the student has received federal student financial aid funds, the student is entitled to a refund of the money's not paid from federal student financial aid program funds.

29. Financial Aid Disclosures

No financial aid is offered.

30. Grades and Standards for Student Achievement - Satisfactory Progress

Grades are awarded on a pass / fail basis. Checklists are used by instructors to record student acquisition and mastery of assorted skills. Students must achieve a "pass" rating on all quizzes and skill demonstrations.

Grading Policy for Pass/Fail Standards on Quizzes: All students will be required to achieve a cumulative score of 80% on all quizzes in order to qualify to take the final exam.

Pass / Fail Standard on Tests: All students will be required to score an 80% or higher to qualify for a completion certificate.

Pass / Fail Standards on Skills Examinations: All students will be required to complete a skills project sheet prior to taking the final skills exam. All students must have passing marks on all skills to qualify to take the final skills exam. The project sheet must be signed and dated by an instructor for each skill attempted. Passing or failing marks are evaluated by the student's cognitive understanding of the skills and achievement of the skill's psychomotor objectives. All students will be required to pass the final skills examinations with 90% proficiency. The standard of 90% proficiency will be graded by evaluation and monitoring of skill time limits and critical criteria for each skill.

Makeup Procedures for Quizzes and Tests: All students will be allowed 3 (three) makeup quizzes. Makeups are only for quizzes that were graded below the 80% pass requirement. Quiz make-up will be given 0/5 hours before class begins on any day prior to the final skills testing. Only one Quiz can be taken on any given day. All students will be allowed 1 (one) makeup final exam. The makeup final written exam will not be re-administered on the same day as the failed final exam. The written final makeup exam must, however, must be taken no later than 5 days after the original failed final exam was administered. If the student has not completed the coursework and earned a grade at the end of the program, the instructor may issue one of the following grades.

No Guarantees: SCWTTC makes no guarantees as to the student's ability to weld successfully enough to pass a welding performance test, or written test as a result of completing any or all courses offered by SCWTTC. A student's ability to pass welding exams and become a certified welder is based entirely on the individual student's ability to learn and perform based on the instruction presented. Therefore, no guarantee as to a student's success is expressed or implied and no refunds will be issued in the event that a student cannot pass a performance or written welding test.

I Incomplete

If the program has not been completed, the instructor may grant an I on a two- month extension of the term, at no additional tuition cost, when the student is making satisfactory progress and the instructor believes that an extension of time will permit satisfactory completion. At the end of this period, a final grade must be recorded.

W Withdraw

The student may withdraw from any program before the end of the term. At the end of the term, the instructor may withdraw the student from the program and issue a W when the instructor believes the student's progress is insufficient to warrant an extension. A student who withdraws or is administratively withdrawn must retake the course and is responsible for a new tuition payment for that course of study.

31. Attendance Policy – All Programs

Students are required to attend more than 80% of the scheduled sessions throughout the entire program. When a student falls below 90% attendance they will be given a verbal warning by their instructor. When a student falls below 80% attendance they will be placed on probation for the remainder of the program. The students will be notified of their probation status, and they will be required to meet with the Chief Academic Officer. Students who arrive to class more than 10 minutes after the class is scheduled to commence will receive an unexcused absence for that class period, subject to review by the instructor. The student agrees to attend school on their scheduled days and if the student fails to notify the staff of absence, the hours absent will count as hours attended. If the student goes over their scheduled end date due to unexcused absences, arriving late or leaving early the student agrees to pay a prorated fee for the excess hours. If the student exceeds course hours the student agrees to pay for the extra hours. Absences are only acceptable if you are sick or if you have a family emergency, however you must let the office staff know. If you call in sick more than 3 times in one week, we will need to see a doctor note. If you have more than 3 unexcused absences, you will be given a warning and put on probation. After 5 unexcused absences you will be withdrawn from the program you are enrolled in.

32. Academic Probation and Dismissal Policies

The Chief Academic Officer may place a student on academic probation if the student is not making satisfactory academic progress as per this institution's published policy. The student's pass/fail status will be monitored at the end of each module as the grades are posted. Should the student's passing status fall below that required for graduation, a student may be placed on academic probation. This will result in a formal advisory, which will be sent to the student by mail, explaining the reason for the probation. If the student wishes to appeal the formal advisory, the student is to submit a written request for an administrative academic review to the school main campus:

Southern California Welding Training and Testing Center
1500 Mariner Dr. Unit #F, Oxnard, CA 93033

After the completion of the currently enrolled module, the student will have two additional modules to bring his or her pass/fail status up to the minimum standard of the institution. Thereafter, the student's failure to achieve satisfactory academic progress may result in dismissal from the program.

33. Leave of Absence

Should circumstances be such that a leave of absence is to be requested, a student must submit a form for a leave of absence, of no longer than 4 weeks, to the main campus:

Southern California Welding Training and Testing Center
1500 Mariner Dr. Unit #F, Oxnard, CA 93033

The written notice must contain a statement of the nature of the request. At the discretion of the Chief Academic Officer, a leave may be granted for a reasonable time, as warranted by the circumstances. If a student repeatedly resorts to the use of a leave of absence, and if such applications show a pattern of delays, or should the issuance of a leave of absence be such that it would significantly interfere with the planned completion of a program of study, the Chief Academic Officer may, in his/her sole discretion, dismiss a student from the program and issue the appropriate refunds as may be required.

34. Student Grievance Procedures – Student Rights

Most problems or complaints that students may have with the school, or its administrators, can be resolved through a personal meeting with the student's instructor or a counselor. If, however, this action does not resolve the matter to the satisfaction of the student, he/she may submit a written complaint to the main campus:

Southern California Welding Training and Testing Center
1500 Mariner Dr. Unit #F, Oxnard, CA 93033

The written complaint must contain a statement of the nature of the problem, the date the problem occurred, the names of the individuals involved, copies of documents if any, which contain information regarding the problem, evidence demonstrating that the institution's complaint procedure was properly followed, and the student's signature. The student can expect to receive a written response within ten business days. Student's rights are set forth at various places in this catalog. Contact the Chief Executive Officer if you require additional information.

- Complaint procedures
- Right to Cancel
- Student Tuition Recovery Fund
- Notice Concerning Transferability of Credits
- Student Grievance Procedures
- Student Rights to Inspect Records and Obtain Transcripts

- Non-Discrimination Policy
- Academic Freedom
- Sexual Harassment

"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 (888) 370-7589, option #5, or by visiting osar.bppe.ca.gov."

35. Student Services

This institution does not provide orientations, airport reception services, housing assistance or other services. Further, this institution maintains a focus on the delivery of educational services. Should a student encounter personal problems which interfere with his or her ability to complete coursework, this institution will provide assistance in identifying appropriate professional assistance in the student's local community but does not offer personal counseling assistance.

36. Job Placement Services

SCWTTC does not guarantee job placement, however we provide our graduate students with information for local job opportunities from private companies, unions, and recruiting agencies.

37. Student Housing

This institution has no responsibility to find or assist a student in funding housing. This institution does not operate dormitories or other housing facilities. This institution does not provide assistance, nor does it have any responsibility to assist students in finding housing. Housing in the immediate area is available in two story walkup and garden apartments. Monthly rent for a one-bedroom unit is approximately $1,200 a month. (www.apartmentguide.com)

38. Student Records and Transcripts

Student records for all students are kept for five years. Transcripts are kept permanently. Students may inspect and review their educational records. To do so, a student should submit a written request identifying the specific information to be reviewed. Should a student find, upon review, that records that are inaccurate or misleading, the student may request that errors be corrected. In the event that a difference of opinion exists regarding the existence of errors, a student may ask that a meeting be held to resolve the matter. Each student's file will contain student's records including a copy of the signed enrollment agreement, school performance fact sheet, diploma granted, transcript of grades earned, high school diploma or GED, copies of all documents signed by the student including contract, instruments of indebtedness and document related to financial aid, leave of absence documents, financial ledger, refund information as applicable, complaints received from the student or student advisories related to academic progress. The first copy of the official transcript is provided at no charge. Subsequent copies are available upon advance payment of the transcript fee of $25.00 for two copies. Transcripts will only be released to the student upon receipt of a written request bearing the student's live signature.

Charges: Tuition & Fees

All fees are subject to change from time to time, without notice.

Program Name	Tuition	Registration	STRF	Total Program Charges
Certified General Welder	$22,350.00	$250.00	$0.00	$22,600.00
Combination Welder/Fabricator	$24,775.00	$250.00	$0.00	$25,025.00
Structural Welder	$23,917.85	$250.00	$0.00	$24,167.85
Pipe Welder	$28,250.00	$250.00	$0.00	$28,500.00
Aerospace Welder	$25,309.75	$250.00	$0.00	$25,559.75
Automotive Welder/Fabricator	$18,347.00	$250.00	$0.00	$18,597.00

Certification Fees are extra (shown below) and are not included in our program fees.

- Certified General Welder $3,075.00
- Combination Welder Fabricator $1,850.00
- Structural Welder $3,125.00
- Pipe Welder $2,550.00
- Aerospace Welder $3,110.00
- Automotive Welder/Fabricator $2,045.00

Name of Program	Certified General Welder
Program Description	This program is designed to teach and certify students to industry recognized code and introduce them the basic skills and techniques needed for a proficient welder in most industrial, or commercial welding job setting.
Program Mission & Objectives	This program prepares individuals to apply technical knowledge and skills to join or cut metal surfaces. Formal and self-paced instruction includes Shielded Metal Arc Welding (SMAW); Gas Metal Arc Welding (GMAW); Gas Tungsten Arc Welding (GTAW) Flux Cored Arc Welding (FCAW) and cutting processes. Related technical instruction also includes quality assurance and control, print reading, safety, and workplace skills.
Total Clock Hours	616 hours
Is an Externship or Internship Required?	No
Standard Occupational Classification	(SOC) 51-4121 Welders, Cutters, Solderers, and Brazers
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “pass”.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.

Certifying Agency Certification

- American Welding Society
  - AWS D1.1 Structural Welding Code - Steel SMAW
- American Welding Society
  - AWS D1.1 Structural Welding Code - Steel FCAW-S
- American Welding Society
  - AWS D17.1 Fusion Welding for Aerospace GTAW Stainless Steel
- American Welding Society
  - AWS D17.1 Fusion Welding for Aerospace GTAW Aluminum
- American Welding Society
  - AWS D1.3 Structural Welding Code – Sheet Steel GMAW

Module Name	Description & Objectives	Classroom Hours	Lab Hours
WLDG 1101	**Description**: This class provides an introduction to oxyacetylene welding techniques on ferrous metals, use of Oxy-fuel gasses and flame cutting. Includes safety procedures, basic weld joint design, expansion, contraction, and residual stress in the welding and brazing of metal. **Objectives:** Students will be challenged to demonstrate proper set-up and break-down procedures in the use of oxyacetylene welding equipment and apply welding skills necessary to weld with oxyacetylene process in the flat, horizontal welding positions. Students will also practice techniques in oxyacetylene cutting.	10 hrs.	30 hrs.
WLDG 1102	**Description**: This class provides an introduction to Gas Metal Arc Welding (GMAW) techniques on steel. Includes safety procedures, basic weld joint design, expansion, contraction, and residual stress in the welding of metals, in the flat and horizontal positions with thin gage material. **Objectives**: Students will be challenged to demonstrate proper set-up procedures in the use of (GMAW) equipment, and apply welding skills necessary to weld with GMAW process in the flat, horizontal welding positions.	8 hrs.	24 hrs.
WLDG1103	**Description:** This class provides intermediate Gas Metal Arc Welding techniques on steel. Includes safety procedures, common weld joint design,	8 hrs.	24 hrs.

	expansion, contraction, and residual stress in the welding of metal, in the vertical and overhead welding positions with GMAW process. **Objectives:** Students will be challenged to demonstrate proper set-up procedures in the use of gas metal arc welding equipment, and apply welding skills necessary to weld with the GMAW process in the vertical and overhead welding positions.		
WLDG1105-A	**Description:** This course is an assessment of the student's ability to pass certification test using Gas Metal Arc Welding process. The assessment will be evaluated on national welding standards and procedures, i.e. AWS D1.3 **Objectives:** Assesses the student's ability to pass certification tests using Gas Metal Arc Welding by studying the procedures and standards established by the American Welding Society code book AWS D1.3 used in the certification examination, to qualify for all position welding of fillet and groove welds.	8 hrs.	24 hrs.
WLDG 1106	**Description:** A beginning course which emphasizes in the fundamentals of Gas Tungsten Arc Welding (GTAW) process. The course examines the types of equipment used, and different techniques involved, in (GTAW) process with steel in various joint configurations. **Objectives:** Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding. Proper base metal preparation techniques and weld joint fit-up are emphasized.	10 hrs.	50 hrs.
WLDG 1107	**Description:** This course introduces the student to the principles and practices of gas tungsten arc welding (GTAW), that including basic and advanced welding-joint design, expansion, contraction, of aluminum weldments with (GTAW) process. **Objectives:** Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding equipment. Proper base metal preparation techniques and weld joint fit-up. Student will gain proficiencies in the welding of aluminum coupons, in different joint configurations. Students will be exposed to common welding terminology and theory as they relate to Gas Tungsten Arc Welding.	10 hrs.	50 hrs.

WLDG 1108	**Description:** This course introduces the student to the principles and practices of gas tungsten arc welding (GTAW), that include basic and advanced welding-joint design, expansion, contraction, of Stainless-Steel weldments. **Objectives**: Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding equipment. Proper base metal preparation techniques and weld joint fit-up. Students will gain proficiencies in the welding of Stainless-Steel coupons, in different joint configurations. Students will be exposed to common welding terminology and theory as they relate to Gas Tungsten Arc Welding.	10 hrs.	30 hrs.
WLDG 1110	**Description**: A beginning course in a comprehensive welding program. Emphasis on types of welding, kinds of machines, differences in current, and types of electrodes used. Introduction to and basic techniques on, arc welding in the flat position. Basic techniques in arc welding including how to set current and fine settings on power sources. **Objectives**: The student will select electrodes and amperage settings for various thicknesses of materials and welding positions; define principles of arc welding; and interpret electrode classifications. The student will perform SMAW operations in various positions using selected electrodes and different joint designs.	10 hrs.	50 hrs.
WLDG 1111	**Description**: Advanced techniques in Shielded Metal Arc Welding in the horizontal, vertical and overhead positions; also correct setting of current and voltage on power sources. Emphasis is also on proper electrode striking, and motions to be used when welding in all positions. **Objectives:** Students completing this course will be able to successfully complete fillet welds, and groove with backing strip in the vertical and overhead positions with ER7018 welding electrodes.	20 hrs.	80 hrs.
WLDG 1115	**Description:** This course is designed to provide instruction in the use of flux-cored welding process on carbon steel using small and large diameter	15 hrs.	65 hrs.

	electrodes in the flat and horizontal welding positions on fillet weldments. **Objectives:** The student will demonstrate safety procedures associated with Flux Core Arc Welding (FCAW). Describe the effects of welding parameters in FCAW; and understand safety rules, equipment used, and testing performed by visual inspection. Weld various types of structural material and diagnose welding problems and perform visual inspections.		
WLDG 1123	**Description:** An introductory course to develop basic skills in reading blueprints. Introduces the student to various types of working sketches, and drawings for fabricating assemblies for manufacturing applications. **Objectives**: Upon completion of this course, the student will be able to, identify common welding and drawing terms on a typical welding part drawing. Correctly interpret information given in drawing. Visualize objects by applying orthographic drawing principles. Calculate missing part dimensions. Identify tolerance requirements and determine part material requirements.	80 hrs.	0 hrs.

Name of Program	***Combination Welder***
Program Description	This course will prepare students for entry-level employment in different positions such as: multi process welder, (OAW), (GMAW), (GTAW), (FCAW), and (SMAW) processes. In addition, the student will obtain fabrication skills and techniques that will give him the ability to cut, form, tack, and weld various metal shapes and forms, as well as the ability to read and understand welding symbols and blueprints.
Program Mission & Objectives	A comprehensive training program that prepares individuals to enter the workforce, in the metal manufacturing industry. Formal and self-paced instruction that prepares individuals for the entry level welder, fabricator to apply technical knowledge and skills to measure, cut, form, and join, metal components. Related technical instruction also includes quality assurance and control, print reading, safety, and workplace etiquette.
Total Clock Hours	788 hours
Is an Externship or Internship Required?	No

Standard Occupational Classification	(SOC) 51-4121 Welders, Cutters, Solderers, and Brazers
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “pass”.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.

Certifying Agency Certification

- American Welding Society
  - AWS D1.1 Structural Welding Code - Steel FCAW-S
- American Welding Society
  - AWS D17.1 Fusion Welding for Aerospace GTAW Aluminum
- American Welding Society
  - AWS D1.3 Structural Welding Code – Sheet Steel GMAW

Module Name	Description & Objectives	Classroom Hours	Lab Hours
WLDG1102	**Description:** This class provides an introduction to Gas Metal Arc Welding (GMAW) techniques on steel. Includes safety procedures, basic weld joint design, expansion, contraction, and residual stress in the welding of metals, in the flat and horizontal positions with thin gage material. **Objectives:** Students will be challenged to demonstrate proper set-up procedures in the use of (GMAW) equipment and apply welding skills necessary to weld with GMAW process in the flat, horizontal welding positions.	8 hrs.	24 hrs.
WLDG1103	**Description:** This class provides intermediate Gas Metal Arc Welding techniques on steel. Includes safety procedures, common weld joint design, expansion, contraction, and residual stress in the welding of metal, in the vertical and overhead welding positions with GMAW process. **Objectives:** Students will be challenged to demonstrate proper set-up procedures in the use of gas metal arc welding equipment and apply welding skills necessary to weld with the GMAW process in the vertical and overhead welding positions.	8 hrs.	24 hrs.

WLDG1104	**Description:** This class provides advanced Gas Metal Arc Welding techniques on steel with emphasis on tubing. Includes safety procedures, common weld joint design, with tubing expansion, contraction, and residual stress in the welding of various shapes of tubing, in all positions. **Objectives:** Students will be challenged to demonstrate proper set-up and break down procedures in the use of gas metal arc welding equipment and apply welding skills necessary to weld with the process in all positions with joint configurations applicable to round and square tubing. Also have the ability to troubleshoot welding process.	8 hrs.	24 hrs.
WLDG1105-A	**Description:** This course is an assessment of the student's ability to pass certification test using Gas Metal Arc Welding process. The assessment will be evaluated on national welding standards and procedures, i.e. AWS D1.3 **Objectives:** Assesses the student's ability to pass certification tests using Gas Metal Arc Welding by studying the procedures and standards established by the American Welding Society code book AWS D1.3 used in the certification examination, to qualify for all position welding of fillet and groove welds.	8 hrs.	24 hrs.
WLDG1106	**Description:** A beginning course which emphasizes in the fundamentals of Gas Tungsten Arc Welding (GTAW) process. The course examines the types of equipment used, and different techniques involved, in (GTAW) process with steel in different joint configurations. **Objectives:** Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding. Proper base metal preparation techniques and weld joint fit-up are emphasized.	10 hrs.	50 hrs.

WLDG 1107	**Description:** This course introduces the student to the principles and practices of gas tungsten arc welding (GTAW), that including basic and advanced welding-joint design, expansion, contraction, of aluminum weldments with (GTAW) process. **Objectives:** Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding equipment. Proper base metal preparation techniques and weld joint fit-up. Student will gain proficiencies in the welding of aluminum coupons, in different joint configurations. Students will be exposed to common welding terminology and theory as they relate to Gas Tungsten Arc Welding.	10 hrs.	50 hrs.
WLDG1110	in current, and types of electrodes used. Introduction to and basic techniques on, arc welding in the flat position. Basic techniques in arc welding including how to set current and fine settings on power sources. **Objectives:** The student will select electrodes and amperage settings for various thicknesses of materials and welding positions; define principles of arc welding; and interpret electrode classifications. The student will perform SMAW operations in various positions using selected electrodes and different joint designs.	10 hrs.	50 hrs.
WLDG1115	**Description:** This course is designed to provide instruction in the use of flux-cored welding process on carbon steel using small and large diameter electrodes in the flat and horizontal welding positions on fillet weldments. **Objectives:** The student will demonstrate safety procedures associated with Flux Core Arc Welding (FCAW). Describe the effects of welding parameters in FCAW; and understand safety rules, equipment used, and testing performed by visual inspection. Weld various types of structural material and diagnose welding problems and perform visual inspections.	15 hrs.	65 hrs.

WLDG1118	**Description:** An introduction course to basic fabrication and layout which covers production fabrication, layout tools, and fabrication procedures. Emphasis is on application of fabrication and layout skills for the welding industry. **Objectives:** Students will gain skills to follow written and verbal instructions to fabricate welded projects. The student will use numerical data to design and understand welding related prints and projects.	25 hrs.	85 hrs.
WLDG1119	**Description:** An intermediate course of fabrication and layout which emphasize in theory and practice of layout and fitting tubular structures made of steel. The student will learn the process of fabricating structural joints from tubular shapes through a series of competency-based exercises. **Objectives:** This course covers the theory and practice of fabrication, and layout of tubular components of various shapes and sizes. Students will learn the process of fabricating structural joints from tubular structures in steel. These exercises will be done on paper and/or tubular structures using instruction and practice fitting information.	25 hrs.	85 hrs.
WLDG1121	**Description:** This course reviews the theory and practice of layout of sheet metal fabrication. The student will learn the process of fabricating, and welding of sheet metal through a series of competency-based projects. **Objectives:** This course covers the theory and practice of sheet metal layout. Students will learn the process of fabricating sheet metal assemblies through a series of competency-based projects. These projects will be done on paper and/or sheet metal using instruction and practical information.	25 hrs.	85 hrs.
WLDG1123	**Description:** An introductory course to develop basic skills in reading blueprints. Introduces the student to various types of working sketches, and drawings for fabricating assemblies for manufacturing applications.	80 hrs.	0 hrs.

	Objectives: Upon completion of this course, the student will be able to, Identify common welding and drawing terms on a typical welding part drawing. Correctly interpret information given in drawing. Visualize objects by applying orthographic drawing principles. Calculate missing part dimensions. Identify tolerance requirements and determine part material requirements.		

Name of Program	***Structural Welder***
Program Description	This course will prepare students for entry-level employment in most work environments that involve welding and manufacturing of steel components for construction and erection of metal for building. In addition, the student will obtain fabrication skills and techniques that will give him the ability to cut, form, tack, and weld various metal shapes and forms, as well as the ability to read and understand welding symbols and blueprints.
Program Mission & Objectives	A comprehensive training program that prepares individuals to enter the workforce, in the metal construction and erection of buildings. Formal and self-paced instruction that prepares individuals for the entry level construction welder, fabricator to apply technical knowledge and skills to measure, cut, form, and join, metal components commonly used to erect buildings. Related technical instruction also includes quality assurance and control, print reading, safety, and workplace etiquette.
Total Clock Hours	890 hrs.
Is an Externship or Internship Required?	No
Standard Occupational Classification	(SOC) 51-4121 Welders, Cutters, Solderers, and Brazers
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “pass”.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.

Certifying Agency **Certification**

- American Welding Society
  - AWS D1.1 Structural Welding Code - Steel SMAW
- American Welding Society
  - AWS D1.1 Structural Welding Code - Steel FCAW
- American Welding Society
  - AWS D1.1 Structural Welding Code - Steel FCAW-S
- Los Angeles Department of Building & Safety
  - LADBS Structural Steel SMAW
- Los Angeles Department of Building & Safety
  - LADBS Structural Steel FCAW

Module Name	Description & Objectives	Classroom Hours	Lab Hours
WLDG1110	**Description:** A beginning course in a comprehensive welding program. Emphasis on types of welding, kinds of machines, differences in current, and types of electrodes used. Introduction to and basic techniques on, arc welding in the flat position. Basic techniques in arc welding including how to set current and fine settings on power sources. **Objectives:** The student will select electrodes and amperage settings for various thicknesses of materials and welding positions; define principles of arc welding; and interpret electrode classifications. The student will perform SMAW operations in various positions using selected electrodes and different joint designs.	10 hrs.	50 hrs.
WLDG1111	**Description:** Advanced techniques in Shielded Metal Arc Welding in the horizontal, vertical and overhead positions; also correct setting of current and voltage on power sources. Emphasis is also on proper electrode striking, and motions to be used when welding in all positions. **Objectives:** Students completing this course will be able to successfully complete fillet welds, and groove with backing strip in the vertical and overhead positions with ER7018 welding electrodes.	20 hrs.	80 hrs.

Module Name	Description & Objectives	Classroom Hours	Lab Hours
WLDG1115	**Description:** This course is designed to provide instruction in the use of flux-cored welding process on carbon steel using small and large diameter electrodes in the flat and horizontal welding positions on fillet weldments. **Objectives:** The student will demonstrate safety procedures associated with Flux Core Arc Welding (FCAW). Describe the effects of welding parameters in FCAW; and understand safety rules, equipment used, and testing performed by visual inspection. Weld various types of structural material and diagnose welding problems and perform visual inspections.	25 hrs.	75 hrs.
WLDG1116-A	**Description:** Advanced welding techniques in Flux Core Arc Welding (FCAW) in the horizontal, vertical and overhead positions; also correct setting of current and voltage on power sources. Emphasis is also on proper techniques in all welding positions. **Objectives:** Students completing this course will be able to successfully produce fillet welds, and groove with backing strip in the vertical and overhead positions with 71M welding electrodes.	20 hrs.	60 hrs.
WLDG1116-B	**Description:** Advanced welding techniques in Flux Core Arc Welding (FCAW) in the horizontal, vertical and overhead positions; also correct setting of current and voltage on power sources. Emphasis is also on proper techniques in all welding positions. **Objectives:** Students completing this course will be able to successfully produce fillet welds, and groove with backing strip in the vertical and overhead positions with NR-211 and NR-232 welding electrodes.	15 hrs.	45 hrs.

WLDG1117	**Description:** This course is an assessment of the student's ability to pass certification test using Flux Core Arc Welding process (FCAW) with NR-232 electrode. The assessment will be evaluated on AWS D1.1 welding standards and procedures. **Objectives:** Assessment of student's ability to pass certification tests using (FCAW) process by studying the procedures and standards established by American Welding Society code book AWS D1.1 used in the certification examination, to qualify for all position welding groove welds vertical and overhead positions.	20 hrs.	60 hrs.
WLDG1118	**Description:** An introduction course to basic fabrication and layout which covers production fabrication, layout tools, and fabrication procedures. Emphasis is on application of fabrication and layout skills for the welding industry. **Objectives:** Students will gain skills to follow written and verbal instructions to fabricate welded projects. The student will use numerical data to design and understand welding related prints and projects.	25 hrs.	85 hrs.
WLDG 1122	**Description:** This course reviews the practical applications and fundamental concepts to prepare the student for Los Angeles City Department of Building and Safety written structural welding license test. **Objectives:** This course analyzes the general requirements of the AWS D1.1 code for structural steel welding applications. Identify the essential conditions and elements of the weld procedure specification (WPS). Examine and define the AWS electrode numbering system and apply it to common structural steel welded applications.	15 hrs.	45 hrs.

WLDG1123	**Description:** An introductory course to develop basic skills in reading blueprints. Introduces the student to various types of working sketches, and drawings for fabricating assemblies for manufacturing applications. **Objectives:** Upon completion of this course, the student will be able to, Identify common welding and drawing terms on a typical welding part drawing. Correctly interpret information given in drawing. Visualize objects by applying orthographic drawing principles. Calculate missing part dimensions. Identify tolerance requirements and determine part material requirements.	80 hrs.	0 hrs.
WLDG1124	**Description:** This course is intended to provide intermediate range of topics to ensure that the student will further understand how to interpret drawings used in the welding industry. Class assignments provide practice in visualizing a product from a blueprint to its final form, shape, and finish. **Objectives:** Upon successful completion of this course the student will demonstrate the knowledge to Define terms and abbreviations. Identify and explain object views, lines, and dimensions. Identify, explain, and interpret weld symbols; identify structural shapes. Calculate dimensions and material needed to fabricate each component. Identify tolerance requirements and determine part material requirements.	80 hrs.	0 hrs.
WLDG1125	**Description:** A study of industrial blueprints. Emphasis placed on terminology, symbols, graphic description, and welding processes. Also includes advanced interpretation of plans and drawings used by industry to facilitate field application and production. Other topics covered are materials, welding processes, and supplementary information on drawings. **Objectives:** Upon successful completion of this course the student will demonstrate the knowledge to define terms and abbreviations.	80 hrs.	0 hrs.

	Identify and explain object views, lines, and dimensions. Identify, explain, and interpret weld symbols; identify structural shapes. Demonstrate the proper use of measuring devices. Read welding detail drawings and calculate dimensions and material.		

Name of Program	***Pipe Welder***
Program Description	This program is designed to instruct students in pipe layout, welding safety, and welding with Shielded Metal Arc Welding process (SMAW), Gas Tungsten Arc Welding Process (GTAW) of pipe to meet ASME (vertical-up) and API (vertical-down) welding codes, and pipeline blueprints.
Program Mission & Objectives	This program prepares individuals to apply technical knowledge and skills to join or cut metal pipe. Formal and self-paced instruction includes: Shielded Metal Arc Welding (SMAW); Gas Tungsten Arc Welding (GTAW), and thermal cutting pipe. Related technical instruction also includes pipe layout, quality assurance and control, print reading, safety, and workplace skills.
Total Clock Hours	910 hrs.
Is an Externship or Internship Required?	No
Standard Occupational Classification	(SOC) 51-4121 Welders, Cutters, Solderers, and Brazers
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “pass”.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.

Certifying Agency Certification

- American Petroleum Institute
  - API 1104 6” 6G sch. 40 pipe certification
- American Society of Mechanical Engineers
  - ASME Sec IX Pressure Vessel SMAW 2” Carbon steel sch. 80
- American Society of Mechanical Engineers
  - ASME Sec IX Pressure Vessel SMAW 6” Carbon steel sch. 80
- American Society of Mechanical Engineers
  - ASME Sec IX Pressure Vessel GTAW 2” Carbon steel sch. 80
- American Society of Mechanical Engineers
  - ASME Sec IX Pressure Vessel GTAW 6” Carbon steel sch. 80

Module Name	Description & Objectives	Classroom Hours	Lab Hrs.
WLDG1106	**Description:** A beginning course which emphasizes in the fundamentals of Gas Tungsten Arc Welding (GTAW) process. The course examines the types of equipment used, and different techniques involved, in (GTAW) process with steel in different joint configurations. **Objectives:** Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding. Proper base metal preparation techniques and weld joint fit-up are emphasized.	10 hrs.	50 hrs.
WLDG1110	**Description:** A beginning course in a comprehensive welding program. Emphasis on types of welding, kinds of machines, differences in current, and types of electrodes used. Introduction to and basic techniques on, arc welding in the flat position. Basic techniques in arc welding including how to set current and fine settings on power sources. **Objectives:** The student will select electrodes and amperage settings for various thicknesses of materials and welding positions; define principles of arc welding; and interpret electrode classifications. The student will perform SMAW operations in various positions using selected electrodes and different joint designs.	10 hrs.	50 hrs.
WLDG1112	**Description:** An introduction to welding of pipe using the shielded metal arc welding process (SMAW), including electrode selection, equipment setup, and safe shop practices. Emphasis on weld positions 1G, 2G, 5G, and 6G using ER6010 welding electrode. **Objectives:** Students completing this course should be proficient in welding 6" Schedule # 40 wall pipe with an E-6010 root, fill, and cap. This being done in the horizontal 2-G weld position Describe equipment and required pipe preparation and perform 1G, 2G, 5G, and 6G welds.	20 hrs.	100 hrs.

WLDG1113-A	**Description:** This course covers the welding disciplines students will need in welding, safety, proper techniques of the SMAW- Stick process, and electrode selection for welding pipe to meet ASME (vertical-up) welding code. **Objectives:** A student completing this course will be proficient in welding six-inch schedule #80 pipe in the 6G 45-degree fixed position vertical up progression with mild steel ER-6010 and ER-7018 electrode. Also have the required skills necessary to pass the certification test of ASME section IX.	20 hrs.	100 hrs.
WLDG1113-B	**Description:** This course covers the welding disciplines students will need in welding, safety, proper techniques of the SMAW- Stick process, and electrode selection for welding pipe to meet ASME (vertical-up) welding code. **Objectives:** A student completing this course will be proficient in welding six-inch schedule #80 pipe in the 6G 45-degree fixed position vertical up progression with mild steel ER-6010 and ER-7018 electrode. Also have the required skills necessary to pass the certification test of ASME section IX.	20 hrs.	100 hrs.
WLDG1114-A	**Description:** This course introduces the student to the principles and practices of gas tungsten arc welding (GTAW), on various welding positions including vertical, horizontal, and 6G weldments on beveled carbon steel pipe, with emphasis on schedule 40. **Objectives:** Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding, to weld groove and fillet weldments on carbon steel pipes. Proper base metal preparation techniques and weld joint fit-up are emphasized.	20 hrs.	100 hrs.

WLDG1114-B	**Description:** This course introduces the student to the principles and practices of gas tungsten arc welding (GTAW), on various welding positions including vertical, horizontal, and 6G weldments on beveled carbon steel pipe, with emphasis on schedule 40. **Objectives:** Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding, to weld groove and fillet weldments on carbon steel pipes. Proper base metal preparation techniques and weld joint fit-up are emphasized.	20 hrs.	100 hrs.
WLDG1120	**Description:** This course reviews the theory and practice of layout and fitting pipe. The student will learn the process of fabricating, and welding pipe joints of steel through a series of competency-based exercises. **Objectives:** This course covers the theory and practice of layout and pipe fitting. Students will learn the process of fabricating steel pipe joints through a series of competency-based exercises. These exercises will be done on paper and/or pipe using instruction and practice fitting information.	25 hrs.	85 hrs.
WLDG1123	**Description:** An introductory course to develop basic skills in reading blueprints. Introduces the student to various types of working sketches, and drawings for fabricating assemblies for manufacturing applications. **Objectives:** Upon completion of this course, the student will be able to, Identify common welding and drawing terms on a typical welding part drawing. Correctly interpret information given in drawing. Visualize objects by applying orthographic drawing principles. Calculate missing part dimensions. Identify tolerance requirements and determine part material requirements.	80 hrs.	0 hrs.

Name of Program	***Aerospace Welder***
Program Description	This program is designed to instruct students in Welding, fabricate sheet metal components in the aerospace related industries layout, welding safety, and welding with Gas Tungsten Arc Welding Process, (GTAW) sheet materials and tubing to meet AWS D17.1 and ASME section IX welding code, and related technical drawings and prints.
Program Mission & Objectives	This program prepares individuals to apply technical knowledge and skills to join or cut metal various alloys. Formal and self-paced instruction includes: Gas Tungsten Arc Welding (GTAW), and plasma arc cutting thin wall tubing and sheet metal Related technical instruction also includes Tight tolerance fit-up, layout, quality assurance and control, print reading, safety, and workplace skills.
Total Clock Hours	920 hours
Is an Externship or Internship Required?	No
Standard Occupational Classification	(SOC) 51-4121 Welders, Cutters, Solderers, and Brazers
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “pass”.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.

Certifying Agency Certification

- American Welding Society
  - AWS D17.1 Fusion Welding for Aerospace GTAW Chromoly
- American Welding Society
  - AWS D17.1 Fusion Welding for Aerospace GTAW Stainless Steel
- American Welding Society
  - AWS D17.1 Fusion Welding for Aerospace GTAW Aluminum
- American Welding Society
  - AWS D17.1 Fusion Welding for Aerospace GTAW Titanium
- American Welding Society
  - AWS D17.1 Fusion Welding for Aerospace GTAW Inconel
- American Society of Mechanical Engineers
  - ASME Sec IX Pressure Vessel GTAW 2” Stainless Steel Tube
- American Society of Mechanical Engineers
  - ASME Sec IX Pressure Vessel GTAW 2” Chromoly Steel Tube

Module Name	Description & Objectives	Classroom Hours	Lab Hours
WLDG 1101	**Description**: This class provides an introduction to oxyacetylene welding techniques on ferrous metals, use of Oxy-fuel gasses and flame cutting. Includes safety procedures, basic weld joint design, expansion, contraction, and residual stress in the welding and brazing of metal. **Objectives:** Students will be challenged to demonstrate proper set-up and break-down procedures in the use of oxyacetylene welding equipment and apply welding skills necessary to weld with oxyacetylene process in the flat, horizontal welding positions. Students will also practice techniques in oxyacetylene cutting.	10 hrs.	30 hrs.
WLDG 1106	**Description:** A beginning course which emphasizes in the fundamentals of Gas Tungsten Arc Welding (GTAW) process. The course examines the types of equipment used, and different techniques involved, in (GTAW) process with steel in various joint configurations. **Objectives:** Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding. Proper base metal preparation techniques and weld joint fit-up are emphasized.	10 hrs.	50 hrs.
WLDG 1107	**Description:** This course introduces the student to the principles and practices of gas tungsten arc welding (GTAW), that including basic and advanced welding-joint design, expansion, contraction, of aluminum weldments with (GTAW) process. **Objectives:** Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding equipment. Proper base metal preparation techniques and weld joint fit-up. Student will gain proficiencies in the welding of aluminum coupons, in different joint configurations. Students will be exposed to common welding terminology and theory as they relate to Gas Tungsten Arc Welding.	10 hrs.	50 hrs.

WLDG 1108	**Description:** This course introduces the student to the principles and practices of gas tungsten arc welding (GTAW), that include basic and advanced welding-joint design, expansion, contraction, of Stainless-Steel weldments. **Objectives**: Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding equipment. Proper base metal preparation techniques and weld joint fit-up. Students will gain proficiencies in the welding of Stainless-Steel coupons, in different joint configurations. Students will be exposed to common welding terminology and theory as they relate to Gas Tungsten Arc Welding.	10 hrs.	30 hrs.
WLDG 1109-A	**Description**: Advanced topics in GTAW welding, including welding in various positions and directions, on steel and chromoly of tubular shapes. **Objectives:** Demonstrate proficiency in various welding positions; describe safety rules and equipment used; and describe the effects of welding parameters in GTAW; weld various joint designs; diagnose welding problems; and perform visual inspection, of weldments on tubular components.	10 hrs.	70 hrs.
WLDG 1109-B	**Description:** Advanced topics in GTAW welding, including welding in various positions and directions, on various grades of m stainless steel of sheet stock and tubular shapes. **Objectives:** Demonstrate proficiency in various welding positions; describe safety rules and equipment used; and describe the effects of welding parameters in GTAW; weld various joint designs; diagnose welding problems; and perform visual inspection, of weldments on sheet stock and tubular components.	10 hrs.	50 hrs.
WLDG 1109-C	**Description**: Advanced topics in GTAW welding, including welding in various positions and directions, on Carbon and Alloy Steels, Heat Treatable Alloy Steels, and Austenitic Stainless Steels. **Objectives:** Demonstrate proficiency in various welding positions; describe safety rules and equipment used; and describe the effects of welding parameters in GTAW; weld various joint designs;	10 hrs.	50 hrs.

	diagnose welding problems; and perform visual inspection, of weldments on thin gage stock materials		
WLDG 1109-D	**Description**: Advanced topics in GTAW welding, including welding in various positions and directions, on Martensitic Stainless Steels, Nickel and Nickel Base Alloys, and Precipitation Harding Nickel and Nickel Base Alloys. **Objectives:** Demonstrate proficiency in various welding positions: describe safety rules and equipment used; and describe the effects of welding parameters in GTAW; weld various joint designs; diagnose welding problems; and perform visual inspection, of weldments on thin gage stock materials	10 hrs.	70 hrs.
WLDG 1109-E	**Description**: Advanced topics in GTAW welding, including welding in various positions and directions, on Non Heat Tradable Aluminum Alloys, Heat Tradable Aluminum Alloys, and Titanium Alloys. **Objectives:** Demonstrate proficiency in various welding positions; describe safety rules and equipment used; and describe the effects of welding parameters in GTAW; weld various joint designs; diagnose welding problems; and perform visual inspection, of weldments on thin gage stock materials	10 hrs.	50 hrs.
WLDG 1118	**Description:** An introduction course to basic fabrication and layout which covers production fabrication, layout tools, and fabrication procedures. Emphasis is on application of fabrication and layout skills for the welding industry. **Objectives:** Students will gain skills to follow written and verbal instructions to fabricate welded projects. The student will use numerical data to design and understand welding related prints and projects.	20 hrs.	90 hrs.
WLDG 1121	**Description:** This course reviews the theory and practice of layout of sheet metal fabrication. The student will learn the process of fabricating, and welding of sheet metal through a series of competency-based projects. **Objectives:** This course covers the theory and practice of sheet metal layout. Students will learn the process of fabricating sheet metal assemblies	20 hrs.	90 hrs.

	through a series of competency-based projects. These projects will be done on paper and/or sheet metal using instruction and practical		
WLDG 1123	**Description:** An introductory course to develop basic skills in reading blueprints. Introduces the student to various types of working sketches, and drawings for fabricating assemblies for manufacturing applications. **Objectives**: Upon completion of this course, the student will be able to identify common welding and drawing terms on a typical welding part drawing. Correctly interpret information given in drawing. Visualize objects by applying orthographic drawing principles. Calculate missing part dimensions. Identify tolerance requirements and determine part material requirements.	80 hrs.	0 hrs.
WLDG 1124	**Description:** This course is intended to provide intermediate range of topics to ensure that the student will further understand how to interpret drawings used in the welding industry. Class assignments provide practice in visualizing a product from a blueprint to its final form, shape, and finish. **Objectives:** Upon successful completion of this course the student will demonstrate the knowledge to Define terms and abbreviations. Identify and explain object views, lines, and dimensions. Identify, explain, and interpret weld symbols; identify structural shapes. Calculate dimensions and material needed to fabricate each component. Identify tolerance requirements and determine part material requirements.	80 hrs.	0 hrs.

Name of Program	**Automotive Fabricator-Welder**
Program Description	This program is designed to instruct students in welding, fabricate sheet metal components in the Automotive related industries layout, welding safety, and welding with Gas Metal Arc Welding (GMAW) and Gas Tungsten Arc welding (GTAW) process, of tubing and sheet metal to meet AWS D17.1 welding code, and related technical drawings and blueprints.

Program Mission & Objectives	This program prepares individuals to apply technical knowledge and skills to do layout cut fit-up and weld metal of various alloys. Formal and self-paced instruction includes: Gas Metal Arc Welding Process (GMAW), Gas Tungsten Arc Welding process (GTAW), and plasma arc cutting (PAC) thin wall tubing and sheet metal Related technical instruction also includes Tight tolerance fit-up, layout, quality assurance and control, print reading, safety, and workplace skills.
Total Clock Hours	518 hrs.
Is an Externship or Internship Required?	No
Standard Occupational Classification	(SOC) 51-4121 Welders, Cutters, Solderers, and Brazers
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “pass”.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.

Certifying Agency Certification

- American Welding Society
  - AWS D17.1 Fusion Welding for Aerospace GTAW Aluminum
- American Society of Mechanical Engineers
  - ASME Sec IX Pressure Vessel GTAW 2” Chromoly Tube
- American Welding Society
  - AWS D1.3 Structural Welding Code – Sheet Steel GMAW

Module Name	Description & Objectives	Classroom Hours	Lab Hours
WLDG 1102	**Description:** This class provides an introduction to Gas Metal Arc Welding (GMAW) techniques on steel. Includes safety procedures, basic weld joint design, expansion, contraction, and residual stress in the welding of metals, in the flat and horizontal positions with thin gage material. **Objectives:** Students will be challenged to demonstrate proper set-up procedures in the use of (GMAW) equipment and apply welding skills necessary to weld with GMAW process in the flat, horizontal welding positions.	8 hrs.	24 hrs.

WLDG 1103	**Description:** This class provides intermediate Gas Metal Arc Welding techniques on steel. Includes safety procedures, common weld joint design, expansion, contraction, and residual stress in the welding of metal, in the vertical and overhead welding positions with GMAW process. **Objectives:** Students will be challenged to demonstrate proper set-up procedures in the use of gas metal arc welding equipment and apply welding skills necessary to weld with the GMAW process in the vertical and overhead welding positions.	8 hrs.	24 hrs.
WLDG 1104	**Description:** This class provides advanced Gas Metal Arc Welding techniques on steel with emphasis on tubing. Includes safety procedures, common weld joint design, with tubing expansion, contraction, and residual stress in the welding of various shapes of tubing, in all positions. **Objectives:** Students will be challenged to demonstrate proper set-up and break down procedures in the use of gas metal arc welding equipment and apply welding skills necessary to weld with the process in all positions with joint configurations applicable to round and square tubing. Also have the ability to troubleshoot welding process.	8 hrs.	24 hrs.
WLDG1105-A	**Description:** This course is an assessment of the student's ability to pass certification test using Gas Metal Arc Welding process. The assessment will be evaluated on national welding standards and procedures, i.e. AWS D1.3 **Objectives:** Assesses the student's ability to pass certification tests using Gas Metal Arc Welding by studying the procedures and standards established by the American Welding Society code book AWS D1.3 used in the certification examination, to qualify for all position welding of fillet and groove welds.	8 hrs.	24 hrs.
WLDG 1106	**Description:** A beginning course which emphasizes in the fundamentals of Gas Tungsten Arc Welding (GTAW) process. The course examines the types of equipment used, and different techniques involved, in (GTAW) process with steel in various joint configurations.	10 hrs.	50 hrs.

	Objectives: Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding. Proper base metal preparation techniques and weld joint fit-up are emphasized.		
WLDG 1107	**Description:** This course introduces the student to the principles and practices of gas tungsten arc welding (GTAW), that including basic and advanced welding-joint design, expansion, contraction, of aluminum weldments with (GTAW) process. **Objectives:** Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding equipment. Proper base metal preparation techniques and weld joint fit-up. Student will gain proficiencies in the welding of aluminum coupons, in different joint configurations. Students will be exposed to common welding terminology and theory as they relate to Gas Tungsten Arc Welding.	10 hrs.	50 hrs.
WLDG 1109-A	**Description:** Advanced topics in GTAW welding, including welding in various positions and directions, on steel and chromoly of tubular shapes. **Objectives:** Demonstrate proficiency in various welding positions; describe safety rules and equipment used; and describe the effects of welding parameters in GTAW; weld various joint designs; diagnose welding problems; and perform visual inspection, of weldments on tubular components.	10 hrs.	70 hrs.
WLDG 1118	**Description:** An introduction course to basic fabrication and layout which covers production fabrication, layout tools, and fabrication procedures. Emphasis is on application of fabrication and layout skills for the welding industry. **Objectives:** Students will gain skills to follow written and verbal instructions to fabricate welded projects. The student will use numerical data to design and understand welding related prints and projects.	20 hrs.	90 hrs.
WLDG 1123	**Description:** An introductory course to develop basic skills in reading blueprints. Introduces the student to various types of working sketches, and drawings for fabricating assemblies for manufacturing applications.	80 hrs.	0 hrs.

	Objectives: Upon completion of this course, the student will be able to identify common welding and drawing terms on a typical welding part drawing. Correctly interpret information given in drawing. Visualize objects by applying orthographic drawing principles. Calculate missing part dimensions. Identify tolerance requirements and determine part material requirements.		

40. Professional Development Classes (PDC)

Improve your skills quickly and affordably with professional development classes. SCWTTC offers (PDC) classes at flexible schedule and in formats to fit your busy schedule. Choose from a wide variety of specialized classes to fulfill your certification, or licensing.

Whether you're a pipe welder, aerospace welder inspector or a fabricator, keeping your skills exercised and staying on top of industry trends is essential for offering the best service you can as a professional welder in your field.

Employees that are well-trained and "up with the play" are generally much more engaged in the workplace environment and much more invested in their own personal performance and what they can contribute to the organization.

Choose from the following group of classes that are offered by SCWTTC as a stand-alone class for those students interested in training in a specific area without the need to enroll in the entire program. These individual classes are offered, for professional welders interested in professional development classes or those individuals that have completed a program elsewhere; that wish to take classes in a specific area of study.

Course ID: WLDG 1101

Course title: Oxy Acetylene Welding (OAW) Running a Bead

Course description: This Class provides an introduction to oxyacetylene welding techniques on ferrous metals, use of Oxy-fuel gases and flame cutting. Includes safety procedures, basic weld joint design, expansion, contraction, and residual stress in the welding and brazing of metal.

Course objectives: Students will be challenged to demonstrate proper set-up and break-down procedures in the use of oxyacetylene welding equipment and apply welding skills necessary to weld with oxyacetylene process in the flat, horizontal welding positions. Students will also practice techniques in oxyacetylene cutting.

Lecture: Students will learn to differentiate between industry standard welding inspection practices and how they apply to specific welding applications.

Lab: The student will learn to operate OAW equipment using industry standard safety practices. Demonstrate the ability to produce quality welds using the OAW process.

Prerequisite: None

Course start date: Continuous Enrollment

Couse length: 40 hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $845.00

Course ID: WLDG 1102

Course title: Gas Metal Arc Welding (MIG) I The Basics
Flat and Horizontal Weldments

Course description: This class provides an introduction to Gas Metal Arc Welding (GMAW) techniques on steel. Includes safety procedures, basic weld joint design, expansion, contraction, and residual stress in the welding of metals, in the flat and horizontal positions with thin gage material.

Course objectives: Students will be challenged to demonstrate proper set-up procedures in the use of (GMAW) equipment and apply welding skills necessary to weld with GMAW process in the flat, horizontal welding positions.

Lecture: Students will learn to differentiate between industry standard welding inspection practices and how they best apply to given welding applications with GMAW process.

Lab: The student will learn to operate GMAW equipment using industry standard safety practices. Demonstrate the ability to produce quality welds using the GMAW process, in the flat and horizontal welding positions.

Prerequisite: None

Course start date: Continuous Enrollment

Couse length: 32 hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,135.00

Course ID: WLDG 1103

Course title: Gas Metal Arc Welding (MIG) II Vertical & Overhead Weldments

Course description: This class provides intermediate Gas Metal Arc Welding techniques on steel. Includes safety procedures, common weld joint design, expansion, contraction, and residual stress in the welding of metal, in the vertical and overhead welding positions with GMAW process.

Course objectives: Students will be challenged to demonstrate proper set-up procedures in the use of gas metal arc welding equipment and apply welding skills necessary to weld with the GMAW process in the vertical and overhead welding positions.

Lecture: Students will continue to learn differences between industry standard welding, inspection practices and how they best apply to given welding applications.

Lab: The student will learn to operate GMAW equipment using industry standard safety practices. Demonstrate the ability to produce quality welds in the vertical and overhead positions using the GMAW process.

Prerequisite: Successfully completed WLDG1102

Course start date: Continuous Enrollment

Couse length: 32 hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,135.00

Course ID: WLDG1104

Course title: Gas Metal Arc Welding (MIG) III Weldments on Tubular Shapes

Course description: This class provides advanced Gas Metal Arc Welding techniques on steel with emphasis on tubing. Includes safety procedures, common weld joint design, with tubing expansion, contraction, and residual stress in the welding of various shapes of tubing, in all positions.

Course objectives: Students will be challenged to demonstrate proper set-up and break down procedures in the use of gas metal arc welding equipment and apply welding skills necessary to weld with the process in all positions with joint configurations applicable to round and square tubing. Also have the ability to troubleshoot welding process.

Lecture: Students will continue to learn differences between industry standard welding, inspection practices and how they best apply to given welding applications, with the emphasis on all position weldments of different tubular shapes.

Lab: The student will learn to operate and troubleshoot GMAW equipment using industry standard safety practices. Demonstrate the ability to produce high quality welds in all positions on tubular shapes using the GMAW process.

Prerequisite: Successfully completed course #WLDG1103

Course start date: Continuous Enrollment

Couse length: 32 hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,135.00

Course ID: WLDG1105-A

Course title: Gas Metal Arc Welding (MIG) IV Certification Preparation

Course description: This course is an assessment of the student's ability to pass certification test using Gas Metal Arc Welding process. The assessment will be evaluated on national welding standards and procedures, i.e. AWS D1.3

Course objectives: Assesses the student's ability to pass certification tests using Gas Metal Arc Welding by studying the procedures and standards established by the American Welding Society code book AWS D1.3 used in the certification examination, to qualify for all position welding of fillet and groove welds.

Lecture: Emphasis in difference between industry standard welding inspection practices and how they best apply to given welding applications.

Lab: Students must use welding equipment to perform welds to American Welding Society standards AWS D1.3. Students must analyze situations and make decisions in materials and techniques and make judgments in accordance with American Welding Society standards.

Prerequisite: Successfully completed course #WLDG1104

Course start date: Continuous Enrolment

Couse length: 32 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,135.00

Course ID: WLDG1105-B

Course title: Gas Metal Arc Welding IV (MIG Certification Preparation Aluminum)

Course description: This course is an assessment of the student's ability to pass certification test using Gas Metal Arc Welding process on aluminum base material. The assessment will be evaluated on national welding standards and procedures, i.e. American Welding Society AWS D1.2 Structural Aluminum Welding.

Course objectives: Assesses the student's ability to pass certification tests using Gas Metal Arc Welding aluminum by analyzing the procedures and standards established by the American Welding Society code book AWS D1.2 used in the certification examination, to qualify for all position welding of fillet and groove welds on aluminum.

Lecture: Emphasis in difference between industry standard welding inspection practices and how they best apply to given welding applications.

Lab: Students must use welding equipment to perform welds to American Welding Society standards AWS D1.2. Students must analyze situations and make decisions in materials and techniques and make judgments in accordance with American Welding Society standards.

Prerequisite: Successfully completed course #WLDG1105-A

Course start date: Continuous Enrolment

Couse length: 40 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,610.00

Course ID: WLDG1105-C

Course title: Gas Metal Arc Welding IV (MIG Certification Preparation Stainless)

Course description: This course is an assessment of the student's ability to pass certification test using Gas Metal Arc Welding process. The assessment will be evaluated on national welding standards and procedures, i.e. American Welding Society AWS D1.6 Structural Welding Stainless Steel.

Course objectives: Assesses the student's ability to pass certification tests using Gas Metal Arc Welding process by reviewing the procedures and standards established by the American Welding Society code book AWS D1.6 used in the certification examination, to qualify for all position welding of fillet and groove welds.

Lecture: Emphasis in difference between industry standard welding inspection practices and how they best apply to given welding applications.

Lab: Students must use welding equipment to perform welds to American Welding Society standards AWS D1.6. Students must analyze situations and make decisions in materials and techniques and make judgments in accordance with American Welding Society standards.

Prerequisite: Successfully completed course #WLDG1104-B

Course start date: Continuous Enrolment

Couse length: 40 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,610.00

Course ID: WLDG1106

Course title: Gas Tungsten Arc Welding (TIG) I Weldments on Steel

Course description: A beginning course which emphasizes in the fundamentals of Gas Tungsten Arc Welding (GTAW) process. The course examines the types of equipment used, and different techniques involved, in (GTAW) process with steel in different joint configurations.

Course Objectives: Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding. Proper base metal preparation techniques and weld joint fit-up are emphasized.

Lecture: The students will be exposed to common welding terminology and theory as they relate to Gas Tungsten Arc Welding process of steel.

Lab: Students completing this course will be capable of welding all the basic joints i.e. butt, lap, tee etc. in all positions using mild steel coupons.

Prerequisite: None

Course start date: Continuous Enrollment

Couse length: 60 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,300.00

Course ID: WLDG1107

Course title: Gas Tungsten Arc Welding (TIG) II Weldments on Aluminum

Course description: This course introduces the student to the principles and practices of gas tungsten arc welding (GTAW), that including basic and advanced welding-joint design, expansion, contraction, of aluminum weldments with (GTAW) process.

Course objectives: Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding equipment. Proper base metal preparation techniques and weld joint fit-up. Student will gain proficiencies in the welding of aluminum coupons, in different joint configurations. Students will be exposed to common welding terminology and theory as they relate to Gas Tungsten Arc Welding.

Lecture: Differentiate between industry standard welding inspection practices and how they best apply to given welding applications. Differentiate between most common or commercial aluminum alloys, their mechanical, and physical properties.

Lab: The student will become proficient in operating gas tungsten arc welding equipment (GTAW) to weld aluminum in different joint configurations. Student will have the ability to set-up and break down GTAW equipment.

Prerequisite: Successfully completed course #WLDG1106

Course start date: Continuous Enrollment

Couse length: 60 hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,540.00

Course ID: WLDG1108

Course title: Gas Tungsten Arc Welding (TIG) III Weldments on Stainless Steel

Course description: This course introduces the student to the principles and practices of gas tungsten arc welding (GTAW), that include basic and advanced welding-joint design, expansion, contraction, of Stainless-Steel weldments.

Course objectives: Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding equipment. Proper base metal preparation techniques and weld joint fit-up. Students will gain proficiencies in the welding of Stainless-Steel coupons, in different joint configurations. Students will be exposed to common welding terminology and theory as they relate to Gas Tungsten Arc Welding.

Lecture: Differentiate between industry standard welding inspection practices and how they best apply to given welding applications.

Lab: The student will become proficient in operating gas tungsten arc welding equipment (GTAW) to weld Stainless Steel in different joint configurations. Student will have the ability to set-up and break down GTAW equipment.

Prerequisite: Successfully completed course #WLDG1107

Course start date: Continuous Enrollment

Couse length: 40 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,675.00

Course ID: WLDG1109-A

Course title: Gas Tungsten Arc Welding IV (TIG Weldments on Tubular Shapes)

Course description Advanced topics in GTAW welding, including welding in various positions and directions, on steel and chromoly of tubular shapes.

Course objectives: Demonstrate proficiency in various welding positions; describe safety rules and equipment used; and describe the effects of welding parameters in GTAW; weld various joint designs; diagnose welding problems; and perform visual inspection, of weldments on tubular components.

Lecture: Students will acquire the knowledge of welding code, WPS (Welding Procedure Specification)/PQR (Procedure Qualification Record), methods of weld inspection, weld joint geometry, and certification tests.

Lab: The student will become proficient in operating Gas Tungsten Arc Welding equipment (GTAW) to weld on steel and chromoly in different joint configurations, with tubular shapes; in all positions including 6G certification testing.

Prerequisite: Successfully completed course #WLDG1108

Course start date: Continuous Enrollment

Couse length: 80 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,570.00

Course ID: WLDG1109-B

Course title: Gas Tungsten Arc Welding V (Weldments on Stainless Tubular Shapes

Course description Advanced topics in GTAW welding, including welding in various positions and directions, on stainless steel of tubular shapes.

Course objectives: Demonstrate proficiency in various welding positions; describe safety rules and equipment used; and describe the effects of welding parameters in GTAW; weld various joint designs; diagnose welding problems; and perform visual inspection, of weldments on tubular components.

Lecture: Students will acquire the knowledge of welding code, WPS (Welding Procedure Specification)/PQR (Procedure Qualification Record), Methods of weld inspection, Weld joint geometry, and Certification tests.

Lab: The student will become proficient in operating gas tungsten arc welding equipment (GTAW) to weld on stainless steel in different joint configurations, with tubular shapes; in all positions including 6G certification testing.

Prerequisite: Successfully completed course #WLDG1108-A

Course start date: Continuous Enrollment

Couse length: 60 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,570.00

Course ID: WLDG1109-C

Course title: Gas Tungsten Arc Welding VI (TIG Aerospace applications Level I)

Course description Advanced topics in GTAW welding, including welding in various positions and directions, on carbon and alloy steels, heat treatable alloy steels, and austenitic stainless steels commonly used in aerospace applications.

Course objectives: Demonstrate proficiency in various welding positions; describe safety rules and equipment used; and describe the effects of welding parameters in GTAW; weld various joint designs; diagnose welding problems; and perform visual inspection, of weldments on thin gage base metals.

Lecture: Students will acquire the knowledge of welding code, WPS (Welding Procedure Specification)/PQR (Procedure Qualification Record), Methods of weld inspection, Weld joint geometry, and Certification tests procedures to AWS D17.1 code on alloy groups IA, IB, and IIA.

Lab: The student will become proficient in operating gas tungsten arc welding equipment (GTAW) to weld on carbon and alloy steels, heat treatable alloy steels, and austenitic stainless steels of thin gage base metals.

Prerequisite: Successfully completed course #WLDG1109-B

Course start date: Continuous Enrollment

Couse length: 60 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,550.00

Course ID: WLDG1109-D

Course title: Gas Tungsten Arc Welding VII (TIG Aerospace applications Level II)

Course description Advanced topics in GTAW welding, including welding in various positions and directions, Martensitic stainless steels, Nickel and nickel base alloys and Precipitation hardening nickel and Nickel base alloys on commonly used in aerospace applications.

Course objectives: Demonstrate proficiency in various welding positions; describe safety rules and equipment used; and describe the effects of welding parameters in GTAW; weld various joint designs; diagnose welding problems; and perform visual inspection, of weldments on thin gage base metals.

Lecture: Students will acquire the knowledge of welding code, WPS (Welding Procedure Specification)/PQR (Procedure Qualification Record), Methods of weld inspection, Weld joint geometry, and Certification tests procedures to AWS D17.1 welding code on alloy groups IIB, IIIA and IIIB.

Lab: The student will become proficient in operating gas tungsten arc welding equipment (GTAW) to weld on Martensitic stainless steels, Nickel and nickel base alloys, Precipitation hardening nickel and nickel base alloys of thin gage base metals.

Prerequisite: Successfully completed course #WLDG1109-C

Course start date: Continuous Enrollment

Couse length: 80 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,550.00

Course ID: WLDG1109-E

Course title: Gas Tungsten Arc Welding VIII (TIG Aerospace applications Level III)

Course description Advanced topics in GTAW welding, including welding in various positions and directions, Martensitic stainless steels, non-heat tradable aluminum alloys, heat tradable aluminum alloys, and Titanium Alloys base alloys on commonly used in aerospace applications.

Course objectives: Demonstrate proficiency in various welding positions; describe safety rules and equipment used; and describe the effects of welding parameters in GTAW; weld various joint designs; diagnose welding problems; and perform visual inspection, of weldments on thin gage base metals.

Lecture: Students will acquire the knowledge of welding code, WPS (Welding Procedure Specification)/PQR (Procedure Qualification Record), Methods of weld inspection, Weld joint geometry, and Certification tests procedures to AWS D17.1 welding code on alloy groups IV, VI, and VII.

Lab: The student will become proficient in operating gas tungsten arc welding equipment (GTAW) to weld on Non heat tradable aluminum alloys, Heat tradable aluminum alloys, and Titanium Alloys of thin gage base metals.

Prerequisite: Successfully completed course #WLDG1109-D

Course start date: Continuous Enrollment

Couse length: 60 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,550.00

Course ID: WLDG1110

Course title: Shielded Metal Arc Welding (Arc) I Fundamentals of Arc Welding

Course description: A beginning course in a comprehensive welding program. Emphasis on types of welding, kinds of machines, differences in current, and types of electrodes used. Introduction to and basic techniques on, arc welding in the flat position. Basic techniques in arc welding including how to set current and fine settings on power sources.

Course objectives: The student will select electrodes and amperage settings for various thicknesses of materials and welding positions; define principles of arc welding; and interpret electrode classifications. The student will perform SMAW operations in various positions using selected electrodes and different joint designs.

Lecture: Safety rules and regulations. Safety with welding related tools Oxyacetylene cutting safety. Arc welding safety Maintenance on both oxyacetylene and arc welding equipment Joint design. Demonstrates good arc bead pattern with various electrodes.

Lab: The student will be able to demonstrate safety on arc welding equipment. Be able to demonstrate welding in the flat position; and have the knowledge to select correct electrode. He will have the ability to select correct heat settings on welding machines and be able to demonstrate good bead patterns on plates.

Prerequisite: None

Course start date: Continuous Enrollment

Couse length: 60 hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,605.00

Course ID: WLDG1111

Course title: Shielded Metal Arc Welding (Arc) II Plate Welding

Course description: Advanced techniques in Shielded Metal Arc Welding in the horizontal, vertical and overhead positions; also, correct setting of current and voltage on power sources. Emphasis is also on proper electrode striking, and motions to be used when welding in all positions.

Course objectives: Students completing this course will be able to successfully complete fillet welds, and groove with backing strip in the vertical and overhead positions with ER7018 welding electrodes.

Lecture: This course provides the knowledge to Identify the principles of arc welding; describe arc welding operations of fillet and groove joints; explain heat treatments of low alloy steels; and explain weld size and profiles; prepare test plates; perform fillet welds in the overhead position; perform bevel groove welds with backing plates in various positions.

Lab: The student will perform basic layout and fabrication skills to produce welded metal samples. Read and interpret engineering drawings to American Welding Society standards. Use welding process and procedure applications. Apply basic metallurgy knowledge to fabrication processes. Perform basic set-ups and operations for SMAW process.

Prerequisite: Successfully completed course #WLDG1110

Course start date: Continuous Enrollment

Couse length: 100 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,750.00

Course ID: WLDG1112

Course title: Shielded Metal Arc Welding (Arc) III Downhill Pipe

Course description: An introduction to welding of pipe using the shielded metal arc welding process (SMAW), including electrode selection, equipment setup, and safe shop practices. Emphasis on weld positions 1G, 2G, 5G, and 6G using ER6010 welding electrode.

Course objectives: Students completing this course should be proficient in welding 6" Schedule # 40 wall pipe with an E-6010 root, fill, and cap. This being done in the horizontal 2-G weld position Describe equipment and required pipe preparation and perform 1G, 2G, 5G, and 6G welds.

Lecture: Examine SMAW equipment and required pipe joint preparation, to perform 1G, 2G, 5G, and 6Gwelds, in the uphill weld progression.

Lab: Students completing satisfactorily will have the skills necessary to complete industry standards quality welds in the 2G, 3G, 5G, and 6G welding positions, and downhill progression with ER6010 welding electrode. Also have the knowledge to set up welding equipment, select the proper welding electrode for each joint configuration.

Prerequisite: Successfully completed course #WLDG1111

Course start date: Continuous Enrollment

Couse length: 100 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,750.00

Course ID: WLDG1113-A

Course title: Shielded Metal Arc Welding SMAW IV (Expert pipe, uphill small diameter pipe)

Course description: This course covers the welding disciplines students will need in welding, safety, proper techniques of the SMAW- Stick process, and electrode selection for welding pipe to meet ASME (vertical-up) welding code on 2” and 4” schedule 80 pipe.

Course objectives: A student completing this course will be proficient in welding two-inch schedule #80 pipe and four-inch schedule #80 pipe in the 6G 45-degree fixed position vertical up progression with mild steel ER-6010 and ER-7018 electrode. Also have the required skills necessary to pass the certification test of ASME section IX.

Lecture: This course reviews theory, joint configuration, pipe layout joint geometry, and types of pipe joints.

Lab: Students will be welding with E6010 and E7018 electrodes. This course includes pipe layout for pipe fitters and welders. Completion of this course prepares the student with the skills for taking the 6G weld test to ASME and AWS standards.

Prerequisite: Successfully completed course #WLDG1112

Course start date: Continuous Enrollment

Couse length: 100 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,450.00

Course ID: WLDG1113-B

Course title: Shielded Metal Arc Welding SMAW V (Expert pipe, uphill large diameter pipe)

Course description: This course covers the welding disciplines students will need in welding, safety, proper techniques of the SMAW- Stick process, and electrode selection for welding pipe to meet ASME (vertical-up) welding code on 6” and 8” schedule 80 pipe.

Course objectives: Students completing this course will be proficient in welding six-inch schedule #80 pipe and eight-inch schedule #80 pipe in the 6G 45-degree fixed position vertical up progression with mild steel ER-6010 and ER-7018 electrode. Also have the required skills necessary to pass the certification test of ASME section IX.

Lecture: This course reviews theory, joint configuration, pipe layout joint geometry, and types of pipe joints.

Lab: Students will be welding with E6010 and E7018 electrodes. This course includes pipe layout for pipe fitters and welders. Completion of this course prepares the student with the skills for taking the 6G weld test to ASME and AWS standards.

Prerequisite: Successfully completed course #WLDG1112

Course start date: Continuous Enrollment

Couse length: 100 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,450.00

Course ID: WLDG1114-A

Course title: Gas Tungsten Arc Welding GTAW IV (Expert pipe, uphill small diameter pipe)

Course description: This course introduces the student to the principles and practices of gas tungsten arc welding (GTAW), on various welding positions including vertical, horizontal, and 6G weldments on beveled carbon steel pipe, with emphasis on schedule 80.

Course objectives: Students will examine and assess correct safety procedures and practices when using Gas Tungsten Arc Welding, to weld groove and fillet weldments on carbon steel pipes. Proper base metal preparation techniques and weld joint fit-up are emphasized.

Lecture: Students will be evaluated to common welding terminology and theory as they relate to Gas Tungsten Arc Welding of carbon steel pipe.

Lab: Students completing satisfactorily will have the skills necessary to complete industry standards quality welds in the 2G, 3G, 5G, and 6G welding positions, uphill progression with GTAW welding process. Also have the knowledge to set up welding equipment, for each joint configuration, and position.

Prerequisite: Successfully completed course #WLDG1109-B

Course start date: Continuous Enrollment

Couse length: 100 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,850.00

Course ID: WLDG1114-B

Course title: Gas Tungsten Arc Welding GTAW II (Expert bevel pipe large diameter pipe)

Course description: This course covers the welding disciplines students will need in welding, safety, proper techniques of the GTAW- TIG process, and electrode selection for welding pipe to meet ASME (vertical-up) welding code on 6” and 8” schedule 80 pipe.

Course objectives: A student completing this course will be proficient in welding six-inch schedule #80 pipe and eight-inch schedule #80 pipe in the 6G 45-degree fixed position vertical up progression with mild steel ER-70S-6 filler metal. Also have the required skills necessary to pass the certification test of ASME section IX.

Lecture: This course reviews theory, joint configuration, pipe layout joint geometry, and types of pipe joints.

Lab: Students will be welding with GTAW process and ER70S-6 silver metals. This course includes pipe layout for pipe fitters and welders. Completion of this course prepares the student with the skills for taking the 6G weld test to ASME and AWS standards.

Prerequisite: Successfully completed course #WLDG1114-A

Course start date: Continuous Enrollment

Couse length: 100 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,850.00

Course ID: WLDG1115

Course title: Flux Core Arc Welding FCAW I Outershield (The basics flux core fillet)

Course description: This course is designed to provide instruction in the use of flux-cored welding process on carbon steel using small and large diameter Ultracore 71A85 electrodes in welding positions on fillet weldments.

Course objectives: The student will demonstrate safety procedures associated with Flux Core Arc Welding (FCAW). Describe the effects of welding parameters in FCAW; and understand safety rules, equipment used, and testing performed by visual inspection.

Lecture: This course provides the knowledge to identify the principles of Flux Core Arc Welding (FCAW); describe FCAW welding operations of fillet joints; and explain weld size and profiles; prepare plates; and the theory to perform fillet welds in all positions.

Lab: The student will demonstrate equipment safety checks; identify Flux Cored Arc Welding (FCAW) equipment parts; demonstrate the procedures for running a continuous bead in all weld positions; demonstrate the procedures for welding a fillet, in all welding positions.

Prerequisite: None

Course start date: Continuous Enrollment

Couse length: 80 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,600.00

Course ID: WLDG1116-A

Course title: Flux Core Arc Welding FCAW II (Outershield flux core bevel plate)

Course description: Advanced welding techniques in Flux Core Arc Welding (FCAW) in the horizontal, vertical and overhead positions; also, correct setting of current and voltage on power sources. Emphasis is also on proper techniques in all welding positions.

Course objectives: Students completing this course will be able to successfully produce fillet welds, and groove with backing strip in the vertical and overhead positions with Ultracore 71A85 NR 211, NR-232, and NR233 welding electrodes.

Lecture: This course provides the knowledge to identify the principles of (FCAW); describe arc welding operations of groove joints; and explain weld size and profiles; prepare test plates; perform groove welds in the overhead position; perform bevel groove welds with backing plates in various positions.

Lab: The student will perform basic skills to layout to fabricate and produce welded metal samples. Use FCAW welding process and procedure applications. Perform set-up and operations for FCAW process.

Prerequisite: Successfully completed course #WLDG1115

Course start date: Continuous Enrollment

Couse length: 80 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,745.00

Course ID: WLDG1116-B

Course title: Flux Core Arc Welding FCAW III (Innershield the basic flux core)
Course description: This course is designed to provide instruction in the use of flux-cored welding process on carbon steel using small and large diameter NR 211, NR-232, and NR233 electrodes in welding positions on fillet weldments.

Course objectives: The student will demonstrate safety procedures associated with Flux Core Arc Welding (FCAW). Describe the effects of welding parameters in FCAW; and understand safety rules, equipment used, and testing performed by visual inspection.

Lecture: This course provides the knowledge to identify the principles of Flux Core Arc Welding (FCAW); describe FCAW welding operations of fillet joints; and explain weld size and profiles; prepare plates; and the theory to perform fillet welds in all positions.

Lab: The student will demonstrate equipment safety checks; identify Flux Cored Arc Welding (FCAW) equipment parts; demonstrate the procedures for running a continuous bead in all weld positions; demonstrate the procedures for welding a fillet, in all welding positions.

Prerequisite: None

Course start date: Continuous Enrollment

Couse length: 60 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,745.00

Course ID: WLDG1117

Course title: Flux core Arc welding FCAW IV (Innershield certification preparation)

Course description: This course is an assessment of the student's ability to pass certification test using Flux Core Arc Welding process (FCAW) wit NR-232 electrode. The assessment will be evaluated on AWS D1.1 welding standards and procedures.

Course objectives: Assessment of student's ability to pass certification tests using (FCAW) process by studying the procedures and standards established by American Welding Society code book AWS D1.1 used in the certification examination, to qualify for all position welding groove welds vertical and overhead positions.

Lecture: Students will acquire the knowledge of welding codes, industry standard welding inspection practices and how they best apply to AWS D1.1 and FCAW process applications.

Lab: Students will gain the practical knowledge to prepare, fit-up, and produce 1 inch groove weldments with 22.5 degrees in the vertical and overhead welding positions to American Welding Society D1.1 code standards.

Prerequisite: Successfully completed course #WLDG1116-B

Course start date: Continuous Enrollment

Couse length: 80 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,905.00

Course ID: WLDG1118

Course title: Fabrication I Fundamentals of Fabrication

Course description: An introduction course to basic fabrication and layout which covers production fabrication, layout tools, and fabrication procedures. Emphasis is on application of fabrication and layout skills for the welding industry.

Course objectives: Students will gain skills to follow written and verbal instructions to fabricate welded projects. The student will use numerical data to design and understand welding related prints and projects.

Lecture: A course designed to help the student develop industry standard skills, as they apply to methods of fabrication, measuring, computation techniques, layout, and finishing processes, for fabricated and welded assemblies.

Lab: Students will gain knowledge, of application of fabrication processes, and layout skills. The student will apply appropriate techniques of fabrication; design welding projects; prepare drawings and produce templates. Apply layout offsets; take offs; bills of materials; and apply mathematical concepts in the construction of projects.

Prerequisite: None

Course start date: Continuous Enrollment

Couse length: 110 hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,400.00

Course ID: WLDG1119

Course title: Fabrication II Fabrication with tubular shapes

Course description: An intermediate course of fabrication and layout which emphasize in theory and practice of layout and fitting tubular structures made of steel. The student will learn the process of fabricating structural joints from tubular shapes through a series of competency-based exercises.

Course objectives: This course covers the theory and practice of fabrication, and layout of tubular components of various shapes and sizes. Students will learn the process of fabricating structural joints from tubular structures in steel. These exercises will be done on paper and/or tubular structures using instruction and practice fitting information.

Lecture: Students will review methodology of reproducing fabricated components from a blueprint or drawing. Methods of measuring, inspecting, geometry, tolerance requirements, and final finish of joints.

Lab: The student will demonstrate equipment safety checks; identify fabrication equipment, and components parts; demonstrate the procedures for safety operation. Demonstrate the procedures for maintaining dimensional tolerances for fabricated structures.

Prerequisite: Successfully completed course #WLDG1118

Course start date: Continuous enrollment

Couse length: 110 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,300.00

Course ID: WLDG1120

Course title: Fabrication III (Fabrication with pipe)

Course description: This course reviews the theory and practice of layout and fitting pipe. The student will learn the process of fabricating, and welding pipe joints of steel through a series of competency-based exercises.

Course objectives: This course covers the theory and practice of layout and pipe fitting. Students will learn the process of fabricating steel pipe joints through a series of competency-based exercises. These exercises will be done on paper and/or pipe using instruction and practice fitting information.

Lecture: Students will review methodology of reproducing fabricated components with pipe from a blueprint or drawing. Methods of measuring, inspecting, geometry, tolerance requirements, and final finish of joints.

Lab: Student will demonstrate the safe use of shop equipment and hand tools. Set-up, perform and use equipment. Demonstrate the correct procedure of measuring and the use of layout tools. Demonstrate the procedures for fabricating fittings. Identify and list the various types of brackets that apply. Identify variations in pipe schedules and weight and fabricate templates.

Prerequisite: Successfully completed course #WLDG1119

Course start date: Continuous Enrollment

Couse length: 110 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,400.00

Course ID: WLDG1121

Course title: Fabrication IV (Sheet metal fabrication)

Course description: This course reviews the theory and practice of layout of sheet metal fabrication. The student will learn the process of fabricating, and welding of sheet metal through a series of competency-based projects.

Course objectives: This course covers the theory and practice of sheet metal layout. Students will learn the process of fabricating sheet metal assemblies through a series of competency-based projects. These projects will be done on paper and/or sheet metal using instruction and practical information.

Lecture: Students will review methodology of reproducing fabricated sheet metal components from a blueprint or drawing. Methods of measuring, inspecting, geometry, tolerance requirements, and final finish of the assemblies.

Lab: Student will demonstrate the safe use of shop equipment and hand tools. Set-up, perform and use equipment. Demonstrate the correct procedure of measuring and the use of layout tools. Demonstrate the procedures for fabricating sheet metal products. Identify and list the various types of materials that apply. Identify variations in sheet metal gages and thicknesses and fabricate templates.

Prerequisite: Successfully completed course #WLDG1120

Course start date: Continuous enrollment

Couse length: 110 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $2,300.00

Course ID: WLDG1122

Course title: LADBS License exam preparation

Course description: This course reviews the practical applications and fundamental concepts to prepare the student for Los Angeles City Department of Building and Safety written structural welding license test.

Course objectives: This course analyzes the general requirements of the AWS D1.1 code for structural steel welding applications. Identify the essential conditions and elements of the weld procedure specification (WPS). Examine and define the AWS electrode numbering system and apply it to common structural steel welded applications.

Lecture: The student will learn to differentiate between industry standard welding inspection practices and how they best apply to given welding applications. Differentiate between the four types of Los Angeles Department of Building welding certifications.

Prerequisite: None

Course start date: Continuous enrollment

Couse length: 60 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $1,595.00

Course ID: WLDG1123

Course title: BLUEPRINT I (Introduction Welding Prints)

Course description: An introductory course to develop basic skills in reading blueprints. Introduces the student to various types of working sketches, and drawings for fabricating assemblies for manufacturing applications.

Course objectives: Upon completion of this course, the student will be able to, Identify common welding and drawing terms on a typical welding part drawing. Correctly interpret information given in drawing. Visualize objects by applying orthographic drawing principles. Calculate missing part dimensions. Identify tolerance requirements and determine part material requirements.

Lecture: This course provides the knowledge to identify the principles of common terms on a typical part drawing. Correctly interpret information given in a drawing. Visualize objects by applying orthographic drawing principles. Calculate missing part dimensions.

Lab: Student will demonstrate the knowledge and understanding of shop drawings and sketches. Have the ability to interpret drawings. Demonstrate the correct procedure to calculate dimensional measurements and the use of sketching tools. Demonstrate the procedures fabricate templates.

Prerequisite: None

Course start date: Continuous enrollment

Couse length: 80 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $845.00

Course ID: WLDG1124

Course title: Blueprint reading II (Intermediate Welding Prints)

Course description: This course is intended to provide intermediate range of topics to ensure that the student will further understand how to interpret drawings used in the welding industry. Class assignments provide practice in visualizing a product from a blueprint to its final form, shape, and finish.

Course objectives: Upon successful completion of this course the student will demonstrate the knowledge to Define terms and abbreviations. Identify and explain object views, lines, and dimensions. Identify, explain, and interpret weld symbols; identify structural shapes. Calculate dimensions and material needed to fabricate each component. Identify tolerance requirements and determine part material requirements.

Lecture: This course will be taught using the traditional lecture with a question-and-answer period daily. Audio-visual materials and computer-based technology will be used when appropriate. Students will be shown how to use a calculator where appropriate.

Lab: Class assignments provide practice in visualizing a product from a blueprint to its final form, shape, and finish. Other topics covered are materials, welding processes, understanding supplementary information on drawings, and geometric dimensioning and tolerance, of each component.

Prerequisite: Successfully completed course #WLDG1123

Course start date: Continuous Enrollment

Couse length: 80 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $845.00

Course ID: WLDG1125

Course title: Blueprint Reading III (Advanced Welding Prints)

Course description: A study of industrial blueprints. Emphasis placed on terminology, symbols, graphic description, and welding processes. Also includes advanced interpretation of plans and drawings used by industry to facilitate field application and production. Other topics covered are materials, welding processes, and supplementary information on drawings.

C**ourse objectives:** Upon successful completion of this course the student will demonstrate the knowledge to define terms and abbreviations. Identify and explain object views, lines, and dimensions. Identify, explain, and interpret weld symbols; identify structural shapes. Demonstrate the proper use of measuring devices. Read welding detail drawings and calculate dimensions and material.

Lecture: This course will be taught using the traditional lecture with a question-and-answer period daily. Audio-visual materials and computer-based technology will be used when appropriate. Students will be shown how to use a calculator where appropriate.

Lab: Class assignments will provide practice in visualizing a product from a blueprint to its final form, shape, and finish. Other topics covered are materials, welding processes, understanding supplementary information on drawings, and geometric dimensioning and tolerance, of each component.

Prerequisite: Successfully completed course #WLDG1124

Course start date: Continuous enrollment

Couse length: 80 Hours

Instructor: Jesse Guzman

Location: 1500 Mariner Dr., Unit F Oxnard CA 93033

Price: $845.00

41. Institution Disclosures

a) This Institution does not offer any portion of any program or courses via distance education. All instructional and shop training is completed on-site at its main campus.

b) This institution is not accredited by an accrediting agency recognized by the United States Department of Education.

c) It is this institution's intent to carefully follow the rules applicable under the Family Education Rights and Privacy Act. It is our intent to protect the privacy of a student's financial, academic and other school records. We will not release such information to any individual without having first received the student's written request to do so, or unless otherwise required by law.

d) Students are expected to behave professionally and respectfully at all times. Students are subject to dismissal for any inappropriate or unethical conduct or for any act of academic dishonesty. Students are expected to dress and act accordingly while attending this institution. At the discretion of the school administration a student may be dismissed from school for reasons including, but not limited to:

- Coming to class in an intoxicated or drugged state.
- Possession of drugs or alcohol on campus.
- Possession of a weapon on campus.
- Behavior creating a safety hazard to other person(s).
- Disobedient or disrespectful behavior to other students, administrator or instructor.
- Stealing or damaging the property of another.

e) Any students found to have engaged in such conduct will be asked to leave the premises immediately. Disciplinary action will be determined by the Chief Executive Officer of this institution and such determination will be made within10 days after meeting with both the chair of the department in which the student is enrolled and the student in question.

f) This institution is committed to providing equal opportunities to all applicants to programs and to all applicants for employment. Therefore, no discrimination shall occur in any program or activity of this institution, including activities related to the solicitation of students or employees on the basis of race, color, religion, religious beliefs, national origin, sex, sexual orientation, marital status, pregnancy, age, disability, veteran's status, or any other classification that precludes a person from consideration as an individual. Please direct any inquiries regarding this policy, if any, to the Chief Operations Officer who is assigned the responsibility for assuring that this policy is followed.

42. Academic Freedom

Southern California Welding Training and Testing Center is committed to assuring full academic freedom to all faculty. Confident in the qualifications and expertise of its faculty members, the institution encourages its faculty members to exercise their individual judgments regarding the content of the assigned courses, organization of topics and instructional methods, providing only that these judgments are made within the context of the course descriptions as currently published, and providing that the instructional methods are those official sanctioned by the institution, methods for which the institution has received oversight approval.

Southern California Welding Training and Testing Center encourages instructors and students to engage in discussion and dialog. Students and faculty members alike are encouraged to freely express views, however controversial, as long as they believe it would advance understanding in their specialized discipline or sub-disciplines.

43. Sexual Harassment

This institution is committed to providing a work environment that is free of discrimination, intimidation and harassment. In keeping with this commitment, we believe that it is necessary to affirmatively confront this subject and express our strong disapproval of sexual harassment. No one associated with this institution may engage in verbal abuse of a sexual nature; use sexually degrading or graphic words to describe an individual or an individual's body; or display sexually suggestive objects or pictures at any facility or other venue associated with this institution. Students are responsible for conducting themselves in a manner consistent with the spirit and intent of this policy.

Violations of the Harassment or Discrimination Policy of this institution will become part of the student's record. Depending on the severity and/or frequency of the violation(s), the faculty may take disciplinary action, including administrative withdrawal from the school. A student who has become subject to disciplinary action may submit an appeal to the Chief Academic Officer per the school's Grievances policy.

44. Student's Right to Cancel

The student has the right to cancel the enrollment agreement and obtain a refund of charges paid through attendance at the first-class session, or the seventh day after enrollment, whichever is later. The institution shall refund 100 percent of the amount paid for institutional charges, less a reasonable deposit or application fee not to exceed two hundred fifty dollars ($250.00).

A notice of cancellation shall be in writing, and a withdrawal may be effectuated by the student's written notice to the school administrative office, 1500 Mariner Dr. Unit F, Oxnard, CA 93033 or email to blanca.ramirez@socalweldtrainingschool.org or by the student's conduct, including, but not necessarily limited to, a student's lack of attendance.

The institution shall issue a refund for unearned institutional charges if the student cancels an enrollment agreement or withdraws during a period of attendance. The refund policy for students who have completed 60 percent or less of the period of attendance shall be a pro rata refund. The institution shall pay or credit refunds within 45 days of a student's cancellation or withdrawal.

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.

45. Maximum Enrollment for each class/ program

The welding lab has a capacity of twenty students. The administration will only schedule a maximum of twenty students at any given time.

46. Schedule of Classes

The following holidays will be observed by the school and classes will not be held. Holidays are not counted as part of the contracted time schedule and are calculated into your contract.

<u>Observed Holidays</u>
New Year's Day
Martin Luther King Day
Presidents Day
Independence Day
Memorial Day
Labor Day
Veterans Day
Thanksgiving
Christmas Day

The school is closed for one week for spring break and summer vacation. We will also be closed two weeks for winter break. (Dates vary) In observance of Thanksgiving the school is also closed Wednesday thru Saturday.

The total hours of each program vary and are dependent upon the curriculum. Morning business hours are from 9:00 a.m. until 3:00 p.m. Monday through Saturdays and in the evening from 6:00 p.m. until 9:30 p.m. Monday through Thursday.

- Morning classes are scheduled Monday through Saturday from 9:00 a.m. until 2:30 p.m. with a scheduled 30 min. lunch break from 11:30 a.m. until 12:00 p.m.

- Evening classes are scheduled Monday through Thursday from 6:00 p.m. until 9:30 p.m.

47. Class Cuts

Hours lost due to cutting class will be recorded as absences. Students are responsible for making up class. Missed lessons must be made up in order to meet the minimal attendance and graduation requirements. Students will need to meet with the office administrator before returning to class.

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