

OXARC, Inc.

School of Welding



Welder

Training Program

3417 E. Springfield
Spokane, WA 99202

716 S Oregon Ave
Pasco, WA 99302

OXARC is licensed under Chapter 28c.10RCW; Inquiries or complaints regarding this or any other private vocational school may be made to the: Workforce Board, 128 Tenth Avenue SW, P.O. Box 43105, Olympia, Washington 98504-3105; phone: 360-709-4600; email: pvs@wtb.wa.gov; web: wtb.wa.gov.

Selected programs of study at OXARC are approved by the Workforce Training and Education Coordinating Board's State Approving Agency (WTECB/SAA) for enrollment of those eligible to receive benefits under Title 38 and Title 10, USC.

OXARC does not and will not provide any commission, bonus, or other incentive payment based directly or indirectly on success in securing enrollment or financial aid to any persons or entities engaged in any student recruiting or admissions activities or in making decisions regarding the award of student financial assistance.

This catalog certified as true and correct for policy and content.



Tim Shatto, Director
April 1, 2015

Staff and Faculty Training Schedule

Campus: 3417 E. Springfield
Spokane, WA 99202
509-535-7794 / Fax: 509-755-0655

Campus: 716 S Oregon Avenue
Pasco, WA 99302
509-547-2494 / Fax: 509-547-3103

**Administrative
Office:** 4003 E. Broadway Avenue
Spokane, WA 99202
509-535-7794 / Fax: 509-536-8965

OXARC, Inc. Faculty and Staff:

The following list includes the administration and faculty at the time of publication.

Executive Staff:

Jana Nelson	President
Tim Shatto	School Director
Heather Schimke	Student Services Coordinator

Faculty:

John Taylor	Instructor, Spokane
Benjamin VanRiper	Instructor, Spokane
Tom Morgan	Instructor, Pasco
Ron Silver	Instructor, Pasco
Erne Ramos	Instructor
Lane Vanderhoof	Instructor
David Parr	Instructor
Matt Shatto	Instructor

Owners:

J. Truman Walmsley
Jana Nelson

Hours of Operation:

Administration Office:	Monday through Friday	8:00am to 5:00pm
Campus (Spokane):	Monday through Thursday	7:00am to 3:00pm/ Friday 7:00-11:30
Campus (Pasco):	Monday through Thursday	7:00am to 3:00pm/ Friday 7:00-11:30
Training Schedule:	Weekly Enrollment/Start Dates	

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**4003 E. Broadway Ave.
Spokane, WA 99202
Tel: 509-535-7794
Fax: 509-536-8965**

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WELCOME TO OXARC

Investing in education is a serious decision. When you explore training options that may increase your salary level and employment potential, you are, in effect, investing in yourself. At OXARC, we encourage a student population of responsible adults because we know that they are the best learners. When personal success is the end product of the training process, it virtually guarantees the success of any academic program.

At OXARC we concentrate on job-specific training. Our welder training program is based on industry needs. As industry makes changes and new technologies are developed, the welder training program at OXARC will be updated to keep pace with these changes. Because of that, courses may change at any time. Our goal is to provide quality training in key skill areas in the most practical, justifiable time frame. We will concentrate on making your welding experience meaningful and enjoyable.

OXARC offers comprehensive welder training. These courses are for the self-motivated adults who recognize the need to keep ahead of the job market. By keeping up with the welding standards in the industry, you will experience career satisfaction and enjoy the economic and social rewards of a position ideally suited to your interests and abilities.

OUR HISTORY

OXARC, Inc. has served the Inland Northwestern United States for over 40 years as a retail and wholesale supplier of welding, safety, and industrial supplies, as well as industrial, medical and specialty gases. Recent additions and expansions include ultra high purity calibration gases, and a complete line of Welding Inspection and Testing Services. A Fire Equipment Division has been added, providing fire extinguisher and first aid product sales and service, fire suppression systems for businesses and vehicles, and fire alarm systems.

OXARC is a local family-owned business and has developed this important regional sales, supply, and service business to provide our customers with the products and solutions they need, through Professional Leadership, Quality Products and Services, and Commitment to our industry. OXARC stocks a variety of retail and wholesale items and houses a complete service, warranty repair, and emergency repair facility for welding related products and provides complete support for all of our products and services, with local factory representation and factory trained service technicians.

Our stores, warehouses, and stock points, located throughout the Inland Northwestern United States, are linked with our own trucking and distribution system. OXARC employees pride themselves in providing the highest quality of workmanship and the highest quality of products in the industry. The many state-of-the-art facilities are continually updated to give OXARC the competitive and quality edge needed to lead the industry.

FACILITIES

Spokane - OXARC School of Welding is located at 3417 E. Springfield. OXARC's Corporate Office and retail store is located just down the street from the Welder Training facility at 4003 E. Broadway Avenue.



FACILITIES

Pasco - OXARC School of Welding is located at 716 S. Oregon Avenue. OXARC's retail store is located on these premises as well.



Both facilities have 15 weld booths. Maximum class size is 15, 10 or more students will have 2 instructors. Our facilities are equipped with a variety of welding machines, tools and materials from various manufacturers.

HOURS OF OPERATION

Administration

OXARC is open from 8:00am to 5:00pm, Monday through Friday.

Training Sessions

Training sessions are set up through the Student Services Coordinator at OXARC's Corporate Office on Broadway in Spokane. OXARC has flexible start dates for each course.

HOLIDAYS

OXARC is open year-round, with the exception of the following holidays:

- New Year's
- Memorial Day
- Independence Day
- Labor Day
- Thanksgiving
- Christmas

In the event that the holiday schedule should change, students will be notified in advance.

EDUCATIONAL OBJECTIVE

Our educational objective is to prepare students for new or better careers in the field of welding. Our comprehensive training programs are designed to help each individual develop his or her skills at their own pace; this would include entry-level to advanced welders. Because the welding industry is so diverse, students can be qualified to a number of welding processes and are encouraged to take a qualification test. Many of these tests will make the student employable and some are a required prerequisite for employment.

The classes are tailor-made to accommodate each student's individual needs. This makes the training more of a one-on-one experience, giving the student the opportunity to accelerate their training at their own pace.

SCHOOL PHILOSOPHY AND MISSION

We believe that all students should have the opportunity to develop the fundamentals and technical skills that will enable them to secure and retain productive and rewarding career positions in the welding industry. OXARC is committed to providing welding courses that deliver the maximum amount of training in the minimum amount of time, with safety and quality as our goal. The dedication to the overall success of each student forces OXARC to continually strive to maintain its reputation of delivering the highest quality training possible through a combination of qualified, experienced staff; well-organized curricula and contemporary equipment, which reflect current industry standards.

The focus of all instruction is “hands-on” training, with actual welding and welding equipment and supplies used in today’s welding industry. OXARC develops all courses to relate directly to the needs of local businesses and industries, and instructors are certified to instruct course material.

In keeping with its mission and purpose, OXARC strives to:

1. Educate and train students with the current welding equipment found in today’s environments;
2. Assist students in developing their technical skills to meet industry standards;
3. Provide students with the most skilled and experienced staff available who are devoted to the personal and career development of every student.

EXPERIENCE-BASED EDUCATION

OXARC offers all training sessions in a stand-up lecture basis with an emphasis with hands-on experience learning. This methodology ensures that students receive the technical industry terminology and standards while learning hands-on skills.

TRAINING COURSES

OXARC offers multiple training courses at three different levels and in the following welding processes. Specialty courses can be accommodated upon request. Courses are designed around the most common industry standards: AWS, ASME, API, WABO; and processes:

- Shielded Metal Arc Welding, (SMAW) “Stick”
- Flux Core Arc Welding, (FCAW), “Dual Shield or Inner Shield”
- Gas Metal Arc Welding, (GMAW) “MIG”
- Gas Tungsten Arc Welding, (GTAW) “TIG”

Note: GTAW welding is generally an Advanced course.

Qualification testing can be performed to any of these standards/processes.

Beginner/Entry Level: This is a 5 week course, which will give the student a general concept of the welding fundamentals, principles and welding techniques required for a given welding process (es), which they have chosen to take. All welding will be on mild steel. Upon completion of the course, *if the welder is ready*, they will be given the opportunity to become qualified to one of the industry standards.

Total Clock Hours: 160

Intermediate: This is a 5 week course. Welders entering this course should have experience at welding and good fundamental knowledge of the welding process (es) for which they are training. This course is geared towards the welder doing complete full penetration on plate or pipe for a given process. All welding will be on mild steel. Upon completion of the course, the welder will be given the opportunity to become qualified to the industry standards. *Total Clock Hours: 160*

Advanced: This is a 5 week course designed for the experienced welder. Welders taking this course should have a vast experience at welding. This course will be tailor-made for each student. The curriculum is designed around the welder obtaining qualification to one of the industry standards. Welders taking this course might want one of the following examples: Stainless Steel, Open Root Pipe test.

Total Clock Hours: 160

Advanced II: This is a 5 week course designed for the experienced welder. Welders taking this course should have excellent welding skills and ability. They will have vast experience in welding. This course will be tailor-made for each student. The curriculum is designed around the welder obtaining qualification to one of the industry standards. Welders taking this course will have, or have had, certification in one or more of the following processes: SMAW, FCAW, GMAW, GTAW.

Prerequisite: Advanced Course (160hrs)

Total Clock Hours: 160

Prior related education and/or military experience of students will be reviewed on a case-by case individual basis and appropriate hours/course placement will be awarded.

CORPORATE TRAINING

OXARC is not solely a training source for individuals. We are happy to offer specialized training to companies that have a need to provide employees with new skills training or upgrading on a contractual basis. Please contact our School Director for details regarding corporate training courses.

QUALIFICATION OF FACULTY

All of the instructor's at OXARC's School of Welding have vast experience in the trade, as well as certifying and training welders, or potential welders for the industry.

ADMISSION POLICIES AND PROCEDURES

The Administration Office is open Monday through Friday from 8:00am to 5:00pm. Individuals interested in learning more about the school and its training courses should contact the school.

ENTRANCE REQUIREMENTS

All applicants are required to complete an evaluation with the School Director and/or staff in order to mutually determine what educational offerings best meet the needs of the applicant.

In addition, students enrolling in the Welding Training Courses must be 18 years of age prior to starting a course. A high school diploma or General Educational Development (GED) certificate is preferred, but not required. This allows OXARC to assess the applicant's basic skills and relevant aptitudes to determine that they have the ability to complete and benefit from the training they are considering. A welding evaluation is required for direct placement into the Advanced Welding Course.

WELDER EVALUATION

Each student will perform a personal interview with one of the welding staff as directed by the director. This could lead to the student having to do some actual welds and/or setup the welding equipment to determine their ability and proper placement into the course(s). This would be an evaluation of their skills and knowledge.

STUDENT DISCLAIMER

All applicants are considered for acceptance according to the admissions standards stated in the catalog. If however, it is felt by the school administration that the prospective student would be unlikely to successfully complete their chosen educational offering, or is unlikely to qualify for employment in the vocation or field for which the training is designed, then the administration must disclose this decision to the prospective student. If the prospective student expresses a desire to enroll after such disclosure, then the Student Disclaimer shall be signed and dated by the student.

SCHEDULING POLICIES AND PROCEDURES

For students enrolled in the Welder Training Course, the minimum attendance is required as outlined. The School Director may grant an exemption.

ENROLLMENT PERIODS

OXARC offers welding training sessions on a weekly schedule, starting each Monday, space permitting. Enrollment in training sessions will be filled on a first-come, first-fill basis. OXARC does not recommend schedule changes once the student has begun. However, if a student must change their schedule, for example, due to a change in their work schedule, they must meet with the Student Services Coordinator to fill out a Change of Schedule Request Form. OXARC will try to accommodate the student's needs.

TUITION – FINANCIAL AID

OXARC does not offer, and is not approved for, financial aid. All monies are due upfront prior to the start of each course. If you are working with WorkSource, Department of Labor or Department of Vocational Rehab for tuition assistance, OXARC is approved. Our Spokane location is approved for Veterans Funding. Standard courses are five weeks long (160 hours), include all tools/materials needed for the course and one qualification to AWS and one certification to WABO. One five week course is \$3,000.00. Any combination of courses is \$2,500.00 each. Tuition for each course is due prior to the start date of that course.

PLACEMENT ASSISTANCE

OXARC does not offer placement assistance for our students.

ATTENDANCE, TARDINESS, LEAVES OF ABSENCE AND STUDENT CONDUCT REQUIREMENTS

ATTENDANCE

An attendance of 95% is required for all enrollment periods. The enrollment period is defined in the Enrollment Agreement. Students that fall below this 95% attendance requirement will be removed from the scheduled class and given the opportunity to reschedule into the next two months training sessions depending on availability of space.

It is difficult to successfully develop marketable skills without regular, consistent attendance. As students are expected to progress and complete according to their attendance schedule of record, they are required to attend their training sessions as scheduled. Students who fail to attend class for four (4) calendar days from enrollment will be terminated from the school. Students will receive a letter from the school following the week of absence advising them of their situation. If students do not reschedule their remaining training sessions or hours, an additional letter will be mailed reminding students that after four (4) days from enrollment they will be terminated from the school. The third and final letter will be notification of termination.

TARDINESS

OXARC expects students to be on time for all activities, appointments and training sessions. Students who arrive more than 30 minutes late, without making prior arrangements, will not be admitted to class. The school does not keep records on tardiness because any student, who is not in class 30 minutes after the session begins, will be marked absent.

LEAVE OF ABSENCE

Requests for Leaves must be submitted to the Student Services Coordinator in writing and must include an effective date, anticipated return date, and student signature. If a student fails to return from a Leave of Absence, the date the student is scheduled to return will be the date of their termination from school. The maximum length of time for a Leave of Absence will be made according to the guidelines of the Refund Policy.

ABSENCES

OXARC regards students who miss a class session, for which they are scheduled, to be absent for that session. OXARC does not distinguish between types of absences. There are no "excused" absences. Any student who misses a scheduled training session will be given the opportunity to make up their absence at the end of their scheduled training course, depending on availability of space.

STUDENT CONDUCT REQUIREMENTS

Students are expected to dress and act in a businesslike manner while attending classes. At the discretion of the school administration, a student may be dismissed from school for a serious incident or repeated incidents of an intoxicated or drugged state of behavior, possession of drugs or alcohol upon school premises, possession of weapons upon school premises, behavior creating a safety hazard to other persons at school, disobedient or disrespectful behavior to other students, an administrator, or faculty member, failure to conform to building policies, or any other stated or determined infractions of conduct. The dress code is strictly enforced as to maintain safety in a welding environment. Horseplay will not be tolerated.

Refunds for students terminated because of not maintaining OXARC's *Student Conduct Requirements* will be made within the guidelines of the Refund Policy.

ACADEMIC PROGRESS

PROBATION GUIDELINES

1. **Attendance:** Students should have attended 95% of the programs scheduled hours. Any student who has not attended 95% of their program-scheduled hours will be removed from the scheduled class and given the opportunity to reschedule into the next two months training sessions depending on availability of space. If they do not meet this attendance requirement, they will be terminated from the school if sessions are not made-up within 60 days from enrollment.
2. **Progress:** For each course the student will be required to complete welding projects. These projects are used to develop the student's skills. At this time, if the student is falling behind and is not developing or acquiring the skills required, the student's progress will be reviewed with the School Director and appropriate actions will be taken. If the student's progress has been accelerated, then the student could be put into the next level welding course.
3. **Project Completion/Incompletion:** Each student will be required to complete certain projects. Each project is checked and inspected by the instructor and will be judged on the standards for which the welding is being performed. For students who fail to complete projects, the instructor will provide more of a one-on-one environment. This would ensure that the student understands the project and is acquiring the skills to complete the project. In some cases, the student might not obtain the skills required to become a proficient welder.

GRADING POLICY

All Welding projects are graded on a "Pass/No Pass" basis. "Pass" is defined as project completion and a 95% attendance of scheduled program hours.

TERMINATION, APPEAL AND REINSTATEMENT

The following situation, that happens first, will be a reason for student dismissal:

- (1) Receipt of notification by the student of a desire to withdraw
- (2) Four calendar days of absence
- (3) Date on which formal review of student progress indicates that the student did not meet minimum criteria for maintaining satisfactory progress
- (4) Date on which a student is dismissed from school for failure to uphold school conduct codes
- (5) Date on which a student fails to uphold financial obligations as agreed upon with the school, or
- (6) Failure to return from a Leave of Absence

Whether termination of enrollment is voluntary or involuntary, students should realize that they will remain obligated for the amount of tuition and fees due to the school based on the Refund Policy.

APPEAL

Students have the right to appeal dismissal decisions made by the school administration by submitting a written request to the School President describing any mitigating circumstances or conditions, which warrant special consideration. If the appeal is accepted, the student may be reinstated according to special terms and conditions stipulated by the School President.

REINSTATEMENT

If an appeal is denied or if the student chooses not to appeal the decision, an application for reinstatement may be submitted to the school no earlier than 30 days from the date of termination. Students who do not pursue or win an appeal may be reinstated under special conditions.

CERTIFICATE OF COMPLETION REQUIREMENTS

The requirements, which must be met by OXARC students to be considered for graduation, are as follows:

1. Minimum of 95% attendance of total program hours; and
2. Successful completion of all projects within the maximum allowable time frame; and
3. Meet all financial obligations to the school.

CERTIFICATE OF COMPLETION

A Certificate of Completion will be awarded to all students who meet the Graduation Requirements.

Welder Training Course Certificates are awarded to participants upon meeting the testing requirements.

STUDENT SERVICES

OUR “OPEN DOOR” POLICY

Any member of the faculty or administrative staff is available to a student for a private meeting. OXARC welcomes feedback from students regarding policy, instruction and curriculum. The School Director’s door is always open should a problem arise. We would also like to share your enthusiasm and excitement when you find suitable employment.

STUDENT RECORDS AND ACADEMIC TRANSCRIPTS

Academic transcripts are prepared at the scheduled completion dates of each evaluation period when projects are formally reviewed. In accordance with the Family Educational Rights and Privacy Act of 1974, student records at OXARC are only open for inspection to students and parents of dependent students to review and challenge any and all parts of said records. This inspection is welcomed by appointment during regular business hours.

OXARC maintains student Academic and Attendance Records for a minimum of (50) fifty years from the date of each enrollment.

Should students desire an official copy of their academic transcript, requests should contact the School Director or Student Services Coordinator for processing. There is no charge for the initial request. There will be a \$5.00 fee for each request thereafter.

STUDENT COMPLAINT PROCEDURE

Most problems or complaints that students may have with the school or its administration can be resolved through a personal meeting with the school staff. If, however, this action does not bring the situation to a close to the satisfaction of students, they may submit a written complaint to the School Director. The written complaint should contain (1) the nature of the problem(s), (2) approximate date(s) that the problem(s) occurred, (3) name(s) of the individual(s) involved in the problem(s) – staff and/or other students, (4) copies of important information regarding the problem(s), (5) evidence demonstrating that the institution’s complaint procedure was followed prior to this point in time, and (6) student signature.

Students may, of course, call the School Director to schedule an appointment at any time if they prefer not to follow the written complaint procedure.

A student may also contact OXARC’s licensing agency at any time. OXARC is licensed under Chapter 28c.10RCW; Inquiries or complaints regarding this or any other private vocational school may be made to the: Workforce Board, 128 Tenth Avenue SW, P.O. Box 43105, Olympia, Washington 98504-3105; phone: 360-709-4600; email: pvs@wtb.wa.gov; web: wtb.wa.gov. Nothing in the policy prevents the student from contacting the Workforce Board at 360-709-4600 at any time with a concern or complaint.

CANCELLATION AND REFUND POLICY

For Courses of 24 Contract Hours or More

This Refund Policy is for the course or combination of courses exceeding 24 contract hours.

For Refund calculations, the termination date is the last date of recorded attendance when withdrawal occurs in any of the following manners:

1. When the school receives notice of the student's intention to discontinue the training; or
2. When the student is terminated for violation of a published school policy; or
3. When the student, without notice to the institution, fails to attend classes for four (4) calendar days.

Full Refund Before Beginning The Program:

The applicant will receive full refund of all monies paid if:

1. The applicant is not accepted for admission; or
2. The applicant cancels this agreement by written notice not later than midnight of the fifth business day (excluding Sundays and holidays) after signing the Enrollment Agreement or making an initial payment, provided that the applicant has not commenced training; or
3. The school cancels the program due to insufficient enrollment.

Partial Refund After Beginning The Program:

1. If training is terminated after the student enters classes, the school will retain a percentage of the total tuition as described in the following table:

If the student completes this amount of training:	The school will keep this percentage of the tuition cost:
One week or up to 10%, whichever is less	10%
More than one week or 10% whichever is less but less than 25%	25%
25% through 50%	50%
More than 50%	100%

Discontinued Program:

If the school discontinues a program after the training has begun, the student is entitled to a pro-rata refund of all tuition paid unless comparable training is arranged by the school to be provided at another public or private vocational school and such arrangements are agreed to in writing by the student. A refund request must be made in writing within 90 calendar days following the discontinuation of the program.

REFUNDS

All refunds due will be made within 30 days of the date that the student is determined to be withdrawn, canceled or terminated from OXARC's School of Welding.

For Courses of 24 Contract Hours or Less

Partial Single Course Refund:

1. If termination, or withdrawal, occurs within the first 25% to 50% of the course, the school will retain 50% of the tuition charge.

No Refund:

1. If termination, or withdrawal, occurs after the first 50% of the course, the school will retain 100% of the tuition charge.

GENERAL INFORMATION

CIVIL RIGHTS POLICY

OXARC admits students of any sex, religion, race, color, nationality and ethnic origin to all the rights, privileges, educational offerings and activities generally accorded or made available to students at OXARC. It does not discriminate against students or potential students on the basis of race, creed, color, national origin, sex, veteran or military status, sexual orientation, or the presence of any sensory, mental, or physical disability or the use of a trained guide dog or service animal by a person with a disability. on the basis of sex, religion, race, color, disability, nationality or ethnic origin in administration of its educational policies, admissions policies and other school-administered programs.

REASONABLE ACCOMODATIONS

In accordance with applicable state and federal law, OXARC will make reasonable accommodations for students with a disability that does not cause undue hardship to the school.

If you have a disability that affects your ability to perform in the school and you believe you may need an accommodation, you must discuss your circumstances with the school director or student services coordinator as soon as you are aware of the need for this accommodation.

COURSE OFFERINGS AND DESCRIPTIONS

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Beginner / Entry Level Welding

Total Clock Hours: 160

This course runs for 5 weeks

Spokane: Monday-Thursday, 7:00-3:00 & Friday 7:00-11:30

Pasco: Monday-Thursday, 7:00-3:00 & Friday 7:00-11:30

This is a hands-on course and is designed around the student doing the actual welding during 90% of the class. The instructor will train each student in the proper techniques and procedure for placing beads. Lectures are stand up; handouts and pocket guides are provided along the way, as needed.

Welders entering this course will be placed in one of the following welding processes:

- Shielded Metal Arc Welding, (SMAW) “Stick”
- Gas Metal Arc Welding, (GMAW) “MIG”
- Flux Core Arc Welding, (FCAW) “Dual Shield, Inner Shield”

Course Description:

The welder will be taught the fundamentals about the process they have chosen. The welder will be given welding and cutting projects throughout the course. The projects will be performed on 1/8” to 1” materials. Each project is then graded on pass or fail basis. The final project for the course is to proficiently perform both a single pass and multi pass fillet break test in multiple positions. *If the instructor feels the student is ready, they will be given the opportunity to test to one of the industry standards.*

Course Content:

- Arc welding safety
- Instructions on how to set up and use the welding equipment
- Basic identification of welding symbols
- How to read electrode designation
- Five basic weld joints: Butt, Tee, Lap, Corner and Edge
- How to perform fillet welds and properly measure them
- Oxy/fuel cutting and safety with hands-on cutting

COST: \$3,000.00

(Tools Included)

(One Qualification Test (AWS&WABO) Included)

Intermediate Welding

Total Clock Hours: 160

This course runs for 5 weeks

Spokane: Monday-Thursday, 7:00-3:00 & Friday 7:00-11:30

Pasco: Monday-Thursday, 7:00-3:00 & Friday 7:00-11:30

Welders entering this course should have a good understanding of how to set up the welding equipment they are using along with the welding fundamentals for the process that they are about to use.

Prerequisites:

Having successfully passed OXARC's Beginner/Entry Level Welding Course

-OR-

Having successfully passed another course by another agency(s) that would give the student the equivalent amount of training, skills and knowledge as would have been gained with OXARC's Beginner/Entry Level Welding Course.

This is a hands-on course and is designed around the student doing the actual welding during 90% of the class. The student will learn about basic joint designs as used in construction today. Lectures are stand up, handouts and pocket guides are provided along the way as needed.

Welders entering this course will be placed in one of the following welding processes:

- Shielded Metal Arc Welding, (SMAW) "Stick"
- Gas Metal Arc Welding, (GMAW) "MIG"
- Flux Core Arc Welding, (FCAW) "Dual Shield, Inner Shield"
- Gas Tungsten Arc Welding, (GTAW) "TIG"

Course Description:

Welders in this course will perform projects on plate in multiple positions. The projects will be performed on 1/4" and thicker materials with all materials being mild steel. Welders will be taught typical joint designs which are used in construction. They will be instructed on how to read a basic Welding Procedure Specification (WPS) and perform welding to it. Each welder will be given multiple projects from groove welds with backing to open root welds. Welders will use a burning table to cut and bevel their own projects. Welders will be taught basic fit-up, pre-heat and basic joint tolerances and how to properly weld up these joints. Each project will be tested on pass or fail basis.

***Welders who can successfully pass these tests will be given the opportunity to take a qualification test to one of the following standards: AWS, ASME, WABO. This testing is given upon successful completion of this course.*

Course Content:

- Cutting and beveling of weld joints
- Identification of welding symbols
- How to read and use a welding procedure
- Basic fit-up of groove welds and bevel welds
- Welding of complete joint penetration welds (both open root and those with backing)
- Use of carbon air arc for backgouging of Complete Joint Penetration welds made from two sides

Cost: \$3,000.00

(Tools Included)

(One Qualification Test (AWS&WABO) Included)

Advanced Welding

Total Clock Hours: 160

This course runs for 5 weeks

Spokane: Monday-Thursday, 7:00-3:00 & Friday 7:00-11:30

Pasco: Monday-Thursday, 7:00-3:00 & Friday 7:00-11:30

Welders entering this course should have excellent welding skills and ability. They will have a vast experience in welding. These courses are designed for the welder to obtain qualification (certification) to one or more welding procedure or welding process. Welders taking this course will be shown proper joint preparation, pre-heat, set-up and welding of highly critical welds and/or material. This course can be taught on Aluminum, Stainless Steel along with Open Root Welding of pipe and/or plate.

Prerequisites:

Having obtained qualification and experience by training or working in the industry as a welder.

Welders taking this course will be evaluated as to whether or not they will meet the skill level that would be required to complete the course.

This course is for the serious, professional welder, who needs to upgrade his/her skills or qualifications. They will have, or have had, certification in one or more of the following welding processes: SMAW, FCAW, GMAW, GTAW.

This is a hands-on course and is designed around the student doing the actual welding and mockups of welding, which will be encountered when welding. Students will have to prep the material, perform fit-up and do the welding for the type of welding which will take place. Lectures are stand up; handouts and pocket guides are provided along the way as needed.

Course Description

This type of course is developed around a specific application. It could be a potential employer who needs welders with the experience and qualifications to perform welding as needed to their welding procedures. It could be for the welder to get trained to perform qualification testing on open root pipe, or for welders who need Gas Tungsten Arc Welding on pipe, such as 2" heavy wall with hot pass and E7018 Cover. The students will have the opportunity to perform the qualification testing at the completion of the course.

Cost: \$3,000.00

(Tools Included)

(One Qualification Test (AWS&WABO) Included)

Advanced Welding II

Total Clock Hours: 160

This course runs for 5 weeks

Spokane: Monday-Thursday, 7:00-3:00 & Friday 7:00-11:30

Pasco: Monday-Thursday, 7:00-3:00 & Friday 7:00-11:30

Welders entering this course will have excellent welding skills and ability. They will have a vast experience in welding. These courses are designed for the welder to obtain qualification (certification) to one or more welding procedure or welding process.

Prerequisites:

Advanced Welding Course, 160 hours.

Welders taking this course will be evaluated as to whether or not they will meet the skill level that would be required to complete the course.

They will have, or have had, certification in one or more of the following welding processes: SMAW, FCAW, GMAW, GTAW.

This is a hands-on course and is designed around the student doing the actual welding and mockups of welding, which will be encountered when welding. Students will have to prep the material, perform fit-up and do the welding for the type of welding which will take place. Lectures are stand up; handouts and pocket guides are provided along the way as needed.

Course Description

This course, depending on length of time enrolled, will give training on all the different processes of welding (SMAW, FCAW-G, FCAW-S, GTAW and GMAW) in the short circuiting mode, globular mode and the axial spray mode, as well as many other forms of oxy-fuel welding, brazing and repair using nickel-silver. Students will also learn how to weld using hard surface rod and wire for build up and maintenance of machine equipment. They will receive basic training of how to read blueprints, shop drawings and weld symbols.

The students will have the opportunity to perform the qualification testing to the different processes of welding at the completion of, and during, this course.

Cost: \$3,000.00

(Tools Included)

(One Qualification Test (AWS&WABO) Included)

Personal Welding Gear

Each student is required to have the following personal welding gear prior to, and during, each day's welding course. These items ARE INCLUDED in the Beginner, Intermediate and Advanced Welding Courses. If taking more than one course, some supplies may need to be replaced and/or purchased.

Personal Welding Gear (included in course tuition):

- Welding Helmet with replacement cover lenses
- Welding gloves and leathers
- Heat Glove/Reflective Shield
- Chipping Hammer
- Wire Brush
- Pliers, Straight Jaw
- 12" Adjustable End Wrench
- Wire Cutters or Wire Pliers
- 25' Tape Measure, Magnetic
- Fillet Gauge
- Burning/Cutting Goggles
- Flashlight & Batteries
- Safety Glasses
- Soapstone/Soapstone Holder

Recommended Personal Equipment (not included):

- Picks and Files
- Silver Pencils
- Tri-Square

Proper Welding Attire:

- Cotton or Leather clothing. No nylon-type clothing should be worn due to burns. Cotton materials are much safer.
- Leather work boots. No tennis shoes accepted. Preferably steel toed.
- Remove all jewelry and body piercing prior to class.
- Any loose clothing and/or long hair need to be secured.

OXARC Supplied Materials

OXARC will supply all welding equipment and welding consumables for welding courses. This will include:

- Electrodes
- Material to perform welds
- Gases for welding and cutting
- Handouts/Pocket Guides

Qualification Testing

Welders who can successfully pass their Welding Course(s) will be given the opportunity to take one qualification test to one or more of the following standards: AWS, WABO, and ASME.

This testing is given upon successful completion of course(s). If additional testing is wanted, it will require scheduling along with separate payment.

Below is a list of the most common qualification tests. Other tests are available and can be requested.

Part Number	Description	Price
WABO	Washington Assoc. Building Officials	\$55.00
WQF-6	FCAW Plate Unlimited - 2G or 3G Position	\$160.00
WQF-1	FCAW Plate Unlimited – 2G, 3G Position	\$320.00
	FCAW Pipe Test – 6G Position	\$650.00
WQS-1	SMAW Plate Unlimited - 3G, 4G Position	\$320.00
WQS-6	SMAW Plate Unlimited - 2G or 3G Position	\$160.00
	SMAW Pipe Test – 6G Position	\$650.00

*Pricing is not guaranteed and is subject to change.
Other Qualification Testing Available*