2024 COURSE CATALOG

January 1, 2024, to December 31, 2024

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Workshops for Warriors
2970 Main Street
San Diego, CA 92113
wfw.org
619-550-1620

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Our Mission

Welcome to Workshops for Warriors!

The mission of Workshops for Warriors is to provide quality training, educational programs, and opportunities to earn third party nationally recognized credentials to enable veterans, transitioning service members, and other students to be successfully trained and placed in their chosen advanced manufacturing career field. To achieve its mission, Workshops for Warriors' objectives are to provide:

- Compressed academic instruction in a classroom setting.
- Extensive hands-on training using state-of-the-art equipment.
- Opportunities to earn nationally recognized credentials in advanced manufacturing.
- Programs that are relevant to employer needs.
- Assistance to graduates to gain employment in their chosen field through effective placement preparation and job placement assistance programs.

Our Values

Human Dignity

All human beings have inalienable and sacred rights regardless of their nationality, ethnicity, gender or sexual orientation, religious affiliation (if any), to be treated with respect, fairness, compassion and bereft of oppression.

COMMITMENT

We are steadfast in our commitment to doing well so that we can make a difference in the lives of those who served, their families, and our country.

PATRIOTISM

We appreciate the service of our service members and make every effort to secure their futures in civilian life.

INTEGRITY

We respect the support of our donors through responsible planning and management of resources, and adherence to the highest ethical standards.

TEAMWORK

We are supportive of each other and work collaboratively to maximize the impact of our work.

Brief History

Founded in 2008, Workshops for Warriors is a 501(c)(3) nonprofit school committed to helping U.S. military members and low-income veterans successfully transition into civilian life. Headquartered in San Diego, California, the organization's Advanced Manufacturing Training for Young Veterans provides advanced manufacturing education and job placement assistance to transitioning military, low-income veterans, and wounded warriors. Since its inception, veterans have graduated into high paying, in-demand jobs in the advanced manufacturing industry in California and across the United States.

Institutional Ownership

Workshops for Warriors is a 501(c)(3) nonprofit school.

Board of Directors:

Hernan Luis y Prado, Board Chair
Workshops for Warriors, Founder and CEO

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Amanda Barber, Board Member
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Haas Automation, Inc., Vice President, Outside Operations

School Locations

Institutional address:
Workshops for Warriors
2970 Main Street
San Diego, CA 92113-3730
(619) 550-1620
www.wfw.org

BPPE Approval

Workshops for Warriors is a private institution and is approved to operate by the Bureau for Private Postsecondary Education. (BPPE) "Approved" means the school operates in compliance with state standards as set forth in CEC and 5, CCR. Any questions a student may have regarding this catalog that have not been satisfactorily answered by the institution may be directed to the Bureau for Private Postsecondary Education at 1747 North Market 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. As a prospective student, you are encouraged to review this catalog before 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. A student, or any member of the public, may file a complaint about his institution with the Bureau for Private Postsecondary Education by calling toll free (888) 370-7598 or by completing a complaint form, which can be obtained on the bureau's website www.bppe.ca.gov.

Self-Monitoring Procedures

Workshops for Warriors makes every effort to comply with current policies and procedures required by the California Bureau for Private Postsecondary Education (BPPE), in compliance with Title 5 California Code of Regulations (CCR), section 71760. The school regularly reviews BPPE laws and regulations. Once a year, the Chief Academic Officer meets with the executive management team to review BPPE policies and procedures and make changes. This document is normally updated annually. An electronic copy of this course catalog will be provided to all students prior to enrollment, and a printed copy will be provided on the first day of class. Any prospective student or interested person can find this course catalog on our website https://wfw.org/our-school/.

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Educational Programs

Workshops for Warriors offer two occupational skills programs: CNC Machining and Welding. Students can enroll into Level 1, Level 1 & 2, or Level 1, 2, & 3.

Program Name: CNC Machining 1

The CNC Machining 1 program is designed to prepare veterans, transitioning service members, and other students to become well-rounded entry level CNC machinists with upward mobility potential. The curriculum is a combination of machining theory and extensive hands-on training. The duration of the training is 640 hours and completed on an accelerated 16-week (4 month) schedule. The complete program includes five basic courses: Immerse to Learn, SolidWorks, MasterCAM, CNC Milling and CNC Lathe. College credit is not awarded for this program, rather it is designed as a program of study around industry recognized credentials based on skills needed for a career in machining. This program is designed as an accelerated program of study culminating in industry recognized advanced manufacturing credentials which test the retention and application of the skills needed for a career in machining. Maximum enrollment per semester is 40 students. The teacher student ratio is 1:5.

Program Mission: To provide classroom instruction and hands on training on state-of-the-art equipment required to developed well-rounded entry level skilled machinists and CAD/CAM programmers. Students are provided opportunities to earn industry recognized certifications to prepare them for gainful employment as certified CNC machinists or CAD/CAM programmers.

Program Objectives: Upon completion of machining program, the student will successfully operate and qualify to all required machining standards in Machining, Measurement, Materials and Safety, Job Planning, Bench work and Layout, Grinding, Computer Numerical Control, and CAD/CAM.

Course Competencies: Pass/Fail

Textbook/Equipment Requirements: Safety glasses, USB flash drive, and a basic calculator.

Recommended Computer: Windows 11/64-bit operating system; 16 GB of RAM; Solid State Drive (SSD); RTX A200 graphics card; RTX A4500 graphics card; WX 5500 graphics card; WX6600 graphics card.

Instruction Method: Live instruction and lab work.

Graduation Requirements: To be eligible for graduation and receive a Certificate of Completion the student must attend at least 544 hours of the scheduled hours of instruction and maintain an 80% average on assigned quizzes or tests.

Total Clock Hours: The complete program of five basic courses is 640 hours.

Final Tests or Exams: Final exam administered at the end of semester.

Required Internship or Externship: None

CNC Machining 1 Course Descriptions

CNC Lathe

This course gives the student an introduction to machine shop theory, math and terminology, basic bench work, and parts layout using a variety of common measuring tools. Emphasis will be on the application of basic operation of machine tools, such as drill presses, lathes, and mills with common hand tools.

Upon the completion of this course, the student will have gained the knowledge of computer numerically controlled (CNC) machine modes depicting the work coordinate system (WCS) and be aware of its relationship to the machine coordinate system (MCS); comprehension of the homing procedure and valuing its purpose, along with work piece

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and tool geometry offsets; entering and making active programs into the CNC control while safely establishing a CNC program on a lathe.

CLASS TIMES:	Tuesday and Thursday: 7:30 a.m. – 11:30 a.m.
CLASS HOURS:	128 hours
LAB HOURS:	78 hours
LECTURE HOURS:	50 hours
PREREQUISITES:	None

CNC Milling

This course is an introductory, hands-on study of programming, setup, and operation of CNC milling machine tools. Emphasis is placed on generating programs, efficient setup, and safe operation of CNC milling machine tools. The student will identify machine parts and their functions; select layout tools and techniques; define machine shop terminology; perform basic setups; calculate common shop formulas; perform semi-precision layout; demonstrate basic machine operations; and apply proper measuring tools.

CLASS TIMES:	Monday, Wednesday, and Friday: 7:30 a.m. – 11:30 a.m.
CLASS HOURS:	192 hours
LAB HOURS:	131 hours
LECTURE HOURS:	61 hours
PREREQUISITES:	None

SolidWorks

This course is designed as an introduction to the SolidWorks computer aided design software. Topics will include part creation, use of features, assembly modeling, drawing creation, surface features, and basic surfacing techniques. Upon completing this course, students will earn the CSWA/CSWP certification.

The purpose of this course is to orient students to the SolidWorks program and interface. Students successfully completing this course will have a good introduction to accomplishing common drafting and Solids operations with SolidWorks. Students will be required to demonstrate hands-on skills working with 2D and 3D Geometry.

CLASS TIMES:	Monday and Wednesday: 12:30 p.m. – 4:30 p.m.
CLASS HOURS:	128 hours
LAB HOURS:	78 hours
LECTURE HOURS:	50 hours
PREREQUISITES:	None

MasterCAM

This is an introductory course that demonstrates the integration of Computer-Aided-Design (CAD) and Computer-Aided-Manufacturing (CAM). It is a study of modern prototyping and machining methods, teaching the use of MasterCAM software. This program converts 2D and 3D CAD drawing geometry directly into tool path information that is used to drive numerically controlled turning and milling machines.

Upon completion of this course, the student will be able to: Create 2D and 3D part geometry using the design module of the MasterCAM software. Use the mill module of the MasterCAM software to convert the modeled part geometry into a cutter tool path for use on a numerically controlled milling machine. Use the lathe module of the MasterCAM software to convert the modeled part geometry into a cutter tool path for use on a numerically controlled lathe. Safely operate the laboratory CNC machinery to mill a part model from wood, plastic, or metal material.

CLASS TIMES:	Tuesday and Thursday: 12:30 p.m. – 4:30 p.m.
CLASS HOURS:	128 hours
LAB HOURS:	78 hours
LECTURE HOURS:	50 hours
PREREQUISITES:	None

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Immerse2Learn
This course is designed to simulate the machine and the CNC controller. The course includes a combination of lectures, online learning modules, quizzes, and a pre-test that students work through before taking tests or exams. After completing this unit, the student should have the following capabilities: Step-By-Step Instruction for Machining, Shop Math Level I, Shop Math Level II, Blueprint Reading with Geometric Dimensioning and Tolerancing (GD&T), Precision Measurement Devices, Machinist Calc Pro, Feeds and Speeds, Mill Control Interface, Mill Setup, Mill Programming, Lathe Control Interface, Mill Setup, Lathe Programming, MasterCAM Mill, MasterCAM Lathe, Advanced CNC, Dies, and Molds.

CLASS TIMES:	Friday: 12:30 p.m. – 4:30 p.m.
CLASS HOURS:	64 hours
LAB HOURS:	44 hours
LECTURE HOURS:	20 hours
PREREQUISITES:	None

Program Name: CNC Machining 2

The CNC Machining 2 program is designed to prepare students to become intermediate level CNC machinists with upward mobility potential. The curriculum is a combination of a review of machining theory and extensive hands-on training. The training lasts 640 hours and will be completed on a 16-week (4 month) schedule. The complete program includes three intermediate courses: intermediate multi-axis, intermediate CAD/CAM, and Metrology. College credit is not awarded for this program, rather it is designed as a program of study around industry recognized credentials based on skills needed for a career in machining. This program is designed as an accelerated course of study culminating in industry recognized advanced manufacturing credentials which test the retention and application of the skills needed for a career in machining. The maximum enrollment per semester is 6 students. The teacher-student ratio is 1:6.

Program Mission: To provide classroom instruction and hands-on training on state-of-the-art equipment required to develop well-rounded intermediate level machinists and CAD/CAM programmers. Students are provided opportunities to earn industry recognized certifications to prepare them for gainful employment as certified CNC machinists or CAD/CAM programmers.
Program Objectives: Upon completion of the machining II program the student will successfully operate and qualify to all required machining standards in 3 and 4-axis, Internal Boring, Intermediate CAD/CAM, Metrology.
Course Competencies: Pass/Fail
Textbook/Equipment Requirements: Safety glasses, USB flash drive, and basic calculator.
Recommended Computer: Windows 11/64-bit operating system; 16 GB of RAM; Solid State Drive (SSD); RTX A200 graphics card; RTX A4500 graphics card; WX 5500 graphics card; WX6600 graphics card.
Instruction Method: Live instruction and lab work
Graduation Requirements: To be eligible for graduation and receive a Certificate of Completion the student must attend at least 544 hours of the scheduled hours of instruction and maintain an 80% average on assigned quizzes or tests.
Total Clock Hours: The complete program of five basic courses is 640 hours.
Final Tests or Exams: Final exam administered at the end of semester.
Prerequisites: Must have completed one of the below:
1. Successful completion of the WFW CNC Machining 1 program.
2. Ability to demonstrate completion of G-Code Programming and Operation and Setup, Programming and Machining, and use of precision measurement tools.

CNC Machining 2 Course Descriptions

Intermediate Multi-Axis CNC

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This course is a hands-on study of programming setup and operations of 3, 4-axis milling, and intermediate CNC turning. This is an intermediate course only available to students who have obtained successful completion of CNC Machining 1. The objective of this course is to introduce turning, 3, and 4-axis programming, setup and operations, 3D tool pathing, and intermediate set ups. Students will learn the benefits of 4-axis in the manufacturing industry and understand the use of turning, 3, and 4-axis for increased proficiency and intermediate tool pathing.

CLASS DAYS:	Monday, Wednesday, Friday,
CLASS HOURS:	344 hours
LAB HOURS:	224 hours
LECTURE HOURS:	120 hours
PREREQUISITES:	Listed above

Intermediate CAD/CAM

This is an Intermediate course that demonstrates the integration of Computer-Aided-Design (CAD) and Computer-Aided-Manufacturing (CAM). It is a study of modern prototyping and machining methods, teaching the use of SolidWorks and MasterCAM software. This program converts 2D and 3D CAD drawing geometry directly into tool path information used to drive numerically controlled milling machines.

CLASS TIMES:	Monday and Wednesday
CLASS HOURS:	152 hours
LAB HOURS:	102 hours
LECTURE HOURS:	50 hours
PREREQUISITES:	Listed above

Metrology

This course's objective is to provide the basics of CMM set up, programming and operations. Students will learn capabilities of the CMM, its use in the manufacturing environment, terminology, and quality assurance standards including introduction to Geometric Dimensioning and Tolerance (GD&T). Upon completion of this course students will have a basic understanding of how to use a CMM in a manufacturing environment. Practical applications will be added throughout the training.

CLASS TIMES:	Tuesday and Thursday
CLASS HOURS:	144 hours
LAB HOURS:	48 hours
LECTURE HOURS:	96 hours
PREREQUISITES:	Listed above

Program Name: CNC Machining 3

The CNC Machining 3 program is designed to prepare students to become multi-axis CNC machinists with upward mobility potential. The curriculum is a combination of machining theory, multi-axis programming, and extensive hands-on training. The duration of the training is 640 hours over a 16-week (4 month) schedule. The complete program includes three advanced courses: Advanced Multi-Axis, Advanced CAD/CAM, and Advanced Metrology. College credit is not awarded for this program, rather it is designed as a program of study around industry recognized credentials based on skills needed for a career in machining. This program is designed as an accelerated course of study culminating in industry recognized advanced manufacturing credentials which test the retention and application of the skills needed for a career in machining. Maximum enrollment per semester is 4 students. The teacher student ratio is 1:4.

Program Mission: To provide classroom instruction and hands-on training on state-of-the-art equipment required to develop well-rounded advanced level machinists and CAD/CAM programmers. Students are provided

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opportunities to earn industry recognized certifications to prepare them for gainful employment as certified CNC machinists or CAD/CAM programmers.

Program Objectives: Upon completion of the machining II program, the student will successfully operate and qualify to all required machining standards in 3+2 and 5-axis, Live Tooling, Advanced CAD/CAM, Advanced Metrology.

Course Competencies: Pass/Fail

Textbook/Equipment Requirements: Safety glasses, USB flash drive, and basic calculator.

Recommended Computer: Windows 11/64-bit operating system; 16 GB of RAM; Solid State Drive (SSD); RTX A200 graphics card; RTX A4500 graphics card; WX 5500 graphics card; WX6600 graphics card.

Instruction Method: Live instruction and lab work

Graduation Requirements: To be eligible for graduation and receive a Certificate of Completion the student must attend at least 544 hours of the scheduled hours of instruction and maintain an 80% average on assigned quizzes or tests.

Total Clock Hours: The completion of the program is 640 hours.

Final Tests or Exams: Final exam administered at the end of semester.

Prerequisites: Must have completed one of the below:

1. Successful completion of WFW CNC Machining 2 program.
2. Ability to demonstrate completion of G-Code Programming and Operation and Setup, Programming and Machining, and use of precision measurement tools.

Required Internship or Externship: None

CNC Machining 3 Course Descriptions

Advanced Multi-Axis CNC

This course is a hands-on study of programming setup and operations of CNC 5-axis milling machine tools. This is an advanced course only available to students who have successfully completed the CNC Machining 2 Program. The objective of this course is to reinforce 3-axis concepts learned in the previous semester and introduce advanced live tooling, 3+2, and 5-axis programming, setup and operations, advanced tool pathing and advanced set ups. They will set up, program, and make a series of projects that will lead them to be entry level 5-axis milling programmers or advanced lathe programmers. Students will learn the benefits of 5-axis milling in the manufacturing industry and understand the use of 4 and 5-axis for increased proficiency and advanced tool pathing.

CLASS DAYS:	Monday, Wednesday, Friday,
CLASS HOURS:	344 hours
LAB HOURS:	236 hours
LECTURE HOURS:	108 hours
PREREQUISITES:	Listed above

Advanced CAD/CAM

The students will enhance their 2D toolpaths and learn how to construct advanced toolpaths for 3D surface models. The student's proficiency will propel them towards 3+2 and true 5-axis programming. In the machine shop, they will learn advanced mill and turning. Along with adjusting post-processors for various CNC machines. Students will study Solid Modeling as a design tool for machine components. Advanced CAD/CAM graduates may find employment in machine shops in roles including advanced designing, 3+2 and 5-axis programming, solid molding, CNC programming, and engineering of components.

CLASS TIMES:	Monday and Wednesday
CLASS HOURS:	152 hours
LAB HOURS:	78 hours
LECTURE HOURS:	50 hours
PREREQUISITES:	None

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Advanced Metrology
This course is designed to teach advanced CMM setup, programming, and operating skills. Students will gain advanced CMM, and quality assurance skills. Students will have an advanced grasp of how to operate a CMM in a manufacturing context upon completion of this course. Practical applications will be added throughout the training.

CLASS TIMES:	Tuesday and Thursday
CLASS HOURS:	144 hours
LAB HOURS:	48 hours
LECTURE HOURS:	96 hours
PREREQUISITES: Listed above	

Machining Professions – Requirements for Eligibility for Licensure

None of the educational services offered lead to occupations that require licensure. However, our CNC Machining programs lead to machining skills certifications from the National Institute for Metalworking Skills (NIMS), SolidWorks, SolidProfessor, MasterCAM, and Immerse to Learn.

Standard Occupational Classification (SOC) Codes

Broad Occupation: 51-4010 Computer Control Programmers and Operators
Minor Group: 51-4000 Metal Workers and Plastic Workers
Major Group: 51-0000 Production Occupations

51-4031 Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
51-4032 Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4033 Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4034 Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic
51-4035 Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic

Minor Group: 51-4000 Metal Workers and Plastic Workers
Major Group: 51-0000 Production Occupations

51-4041 Machinists
Minor Group: 51-4000 Metal Workers and Plastic Workers
Major Group: 51-0000 Production Occupations

These SOC codes are available at: List of SOC Occupations

Program Name: Welding 1 (Basic Welding)

This Welding 1 Program is designed to prepare veterans, transitioning service members, and other students to become well-rounded entry level Welders with upward mobility potential. The curriculum is a combination of safety and extensive hands-on training. The training duration is 640 hours within a 16-week (4-month) schedule. The complete program includes three welding process courses that must be taken in sequential order: Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding {GMAW-S (short-circuit), GMAW (Spray Transfer)} and Flux Cored Arc Welding (FCAW). Concurrently we teach a welding symbols course and blueprint reading course. The welding symbols for welding, brazing and nondestructive examination course follows the American Welding Society (AWS) AWS A2.4. Standard. The welder's blueprint reading for fitter's course prepares the welder to recognize and interpret design drawings used in the welding industry. Additional training and certification will be given on Starrett precision

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measuring instruments (PMI) through the National Coalition of Certification Centers (NC 3) curriculum. College credit is not awarded for this program, rather it is designed as a program of study culminating in industry recognized advanced manufacturing credentials which test the retention and application of the skills needed for a career in welding. The maximum enrollment per semester is 46 students. The teacher student ratio in the classroom is 1:18 and 1:9 in the welding lab.

Program Mission: To provide classroom instruction and hands on training on state-of-the-art equipment required to developed well-rounded entry level skilled Welders. Students are provided opportunities to earn qualifications and industry recognized and certifications to prepare them for employment as Welders.
Program Objective: Upon completion of the Welding 1 Program, the student will successfully operate and qualify to all required welding standards utilizing three welding processes: SMAW, GMAW, and FCAW.
Assignment Policy: Projects, training exercises, and lab work are assigned to each student during the semester. Each of these learning exercises is graded or evaluated by the instructor. Students must complete the lab assignments within a reasonable time.
Homework and Quizzes: Students will be expected to complete weekly assigned homework on time and to pass all weekly quizzes. If a student misses a quiz due to an excused absence, the instructor will work with the student to reschedule it.
Final Exam and Practical Tests: A Basic welding course final exam will be given encompassing all three welding processes and practical welding qualification tests will be given throughout the course.
Textbook/Equipment Requirements: Students will be required to purchase protective equipment during the program. The welding workbooks will be provided for all welding processes, SMAW, GMAW and FCAW.
Instruction Method: Live instruction and lab work.
Graduation Requirements: To be eligible for graduation and receive a Certificate of Completion the student must attend at least 544 hours of the scheduled hours of instruction and maintain an 80% average on assigned quizzes or tests.
Total Clock Hours: The complete course of instruction is 640 hours.
Required Internship or Externship: None

Welding 1 Course Descriptions

Shielded Metal Arc Welding Basic

This course covers introduction to safe practices, setup, and operation of Shielded Metal Arc Welding equipment (SMAW). The basic SMAW course will introduce SMAW, safety and health of welders, installation setup and maintenance of SMAW equipment. Additional topics will cover electrodes, quality of welds and SMAW metal transfer theory.

The successful welding student will practice welding on single V-groove butt welds and fillet welds in the lap and T-joint configurations, using E6010 and E7018 electrodes on ASTM A-36 steel plate. Course completion will result in a successful single V-groove butt weld test in the 3G vertical and 4G overhead positions using E7018 electrodes with the SMAW process.

CLASS TIMES:	Monday to Friday 7:30 a.m. – 4:30 p.m.
COURSE HOURS:	308 hours
LAB HOURS:	254 hours
LECTURE HOURS:	54 hours
PREREQUISITES:	None

Gas Metal Arc Welding Basic, (GMAWB)

This course covers introduction to safety practices, setup, and operation of Gas Metal Arc Welding equipment (GMAW). The GMAW course will introduce GMAW, safety and health of welders, installation and setup and maintenance of GMAW equipment. Additional topics will cover quality of welds, metal transfer and shielding gases. The successful welding student will practice welding on square groove, V-groove butt welds and fillet welds in the lap and T-joint configurations, using ER 70S-6 wire on ASTM A-36 steel plate. Course completion will result in a

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successful square groove butt welding test in the 3G vertical and 4G overhead positions using GMAW-S (short-circuit) process. Additionally, testing will be completed on a single V-groove butt-welding in the 1G flat position using the GMAW (Spray Transfer) process.

CLASS TIMES:	Monday to Friday, 7:30 a.m. – 4:30 p.m.
COURSE HOURS:	208 hours
LAB HOURS:	184 hours
LECTURE HOURS:	24 hours
PREREQUISITES:	Completion of Shielded Metal Arc Welding (Basic) or demonstrate a competency test given by instructor. Flux Cored Arc Welding, (FCAW)

This course covers introduction to safety practices, setup, and operation of flux cored arc welding equipment (FCAW). The FCAW course will introduce FCAW, safety and health of welders, installation and setup and maintenance of FCAW equipment. Additional topics will cover quality of welds, metal transfer and shielding gases.

The successful welding student will practice welding on single, V-groove butt welds and fillet welds in the lap and T-joint configurations, using E71T-1 on ASTM A-36 steel plate. Course completion will result in a successful single V-groove butt welding test in the 3G vertical and 4G overhead positions using the FCAW process on ASTM A-36 steel plate with E71T-1 wire.

CLASS TIMES:	Monday to Friday, 07:30 a.m. – 4:30 p.m.
COURSE HOURS:	124 hours
LAB HOURS:	104 hours
LECTURE HOURS:	20 hours
PREREQUISITES:	Completion of Shielded Metal Arc Welding (Basic) and Gas Metal-Arc Welding course or demonstrate a competency test given by instructor.

Program Name: Welding 2 (Intermediate Welding)

The Welding 2 program is designed to prepare veterans, transitioning service members, and other students to become well-rounded intermediate level Welders with upward mobility potential. The curriculum is a combination of safety and extensive hands-on training. The training duration is 640 hours within a 16-week (4-month) schedule. The complete program includes introduction to Gas Tungsten Arc Welding (GTAW), safety and health of welders, installation setup and maintenance of GTAW equipment. College credit is not awarded for this program, rather it is designed as a program of study culminating in industry recognized advanced manufacturing credentials which test the retention and application of the skills needed for a career in welding. The maximum enrollment per semester is 14 students. The teacher student ratio in the classroom is 1:10 and 1:5 in the welding lab.

Program Mission: To provide classroom instruction and hands on training on state-of-the-art equipment required to develop a well-rounded intermediate level skilled Welder. Students are provided opportunities to earn qualifications and industry recognized certifications to prepare them for employment as Welders.

Program Objective: Upon completion of program, the student will successfully operate and qualify to all required welding standards, utilizing the GTAW process in all positions on carbon steel, stainless steel and aluminum sheet base materials and in all positions on 2-inch carbon steel, schedule 80 pipe.

Assignment Policy: Projects, training exercises, and lab work are assigned to each student during the semester. Each of these learning exercises is graded or evaluated by the instructor. Students must complete the lab assignments within a reasonable time.

Homework and Quizzes: Students will be expected to complete weekly assigned homework on time and to pass all weekly quizzes. If a student misses a quiz due to an excused absence, the instructor will work with the student to reschedule it.

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Exams, Practical Tests, and Final Exam: Practical welding qualification tests will be given throughout the course on steel, stainless steel, and aluminum plates. A final welding qualification test in all positions of carbon steel pipe will be given along with a final graded welding mock-up piping project.
Textbook/Equipment Requirements: Students will be required to purchase protective equipment. Three textbooks will be provided.
Instruction Method: Live instruction and lab work.
Graduation Requirements: To be eligible for graduation and receive a Certificate of Completion the student must attend at least 544 hours of the scheduled hours of instruction and maintain an 80% average on assigned quizzes or tests.
Total Clock Hours: The complete program of three basic courses is 640 hours.
Required Internship or Externship: None

Welding 2 Course Description

Gas Tungsten Arc Welding /Plate/Pipe
This course covers introduction to safe practices, setup and operation of Gas Tungsten Arc Welding equipment (GTAW). The Plate/Pipe GTAW course will introduce GTAW, safety and health of welders, installation setup and maintenance of GTAW equipment.
The welder will develop and understand the key variables that affect the quality of welds such as:

- Base material preparation and fit-up
- Amperage control and travel speed
- Tungsten electrode selection, electrode manipulation and electrode stick out.
- Filler metal selection
- Electrode angles and electrode preparation

Additional training and certification will be given on Snap-On torque wrenches through the National Coalition of Certification Centers (NC 3) curriculum.
The successful welding student will practice utilizing the GTAW process in all positions on carbon steel, stainless steel, and aluminum sheet base material. Additionally, the GTAW welder training will be conducted on schedule 80 carbon steel pipe sizes ½ inch, 1 inch, utilizing socket welded fillet welds and full penetration welding on 2-inch schedule 80 carbon steel pipe. Course completion will consist of three phases: 1) Successful completion of a square groove weld test in the horizontal (2G), vertical (3G) and overhead (4G) positions, on 18 and 10-gauge Steel, Stainless Steel and Aluminum base materials. Successful test plate assemblies will be visually and destructively or non-destructively tested as appropriate to achieve a welder qualification. 2) Welding a single V-groove butt weld test assembly in the 2G and 5G position pipe, successful test pipe assemblies will be visually and destructively or non-destructively tested as appropriate to achieve a welder qualification. 3) Completion of a graded mock-up pipe assembly.

CLASS TIMES:	Monday to Friday 7:30 - 4:30
COURSE HOURS:	640 hours
LAB HOURS:	570 hours
LECTURE HOURS:	70 hours
PREREQUISITES:	Must meet one of the below

1) Completion of the Workshops for Warriors Welding 1 course.
2) Completion of a Shielded Metal Arc Welding (Basic), Gas Metal-Arc Welding and Flux Cored Arc Welding (FCAW) course within the past 2 years.
3) Demonstrate a competency test given by an instructor on Shielded Metal Arc Welding (Basic), Gas Metal-Arc Welding and Flux Cored Arc Welding (FCAW) course.

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Program Name: Welding 3 (Advanced Welding and Introduction to Fabrication)

The Welding 3 Program is designed to prepare: military veterans, transitioning service members, and other students to become well-rounded advanced level welders with the necessary welding and fabrication skills to provide them with upward mobility potential. The curriculum is a combination of safety, classroom lectures and extensive hands-on training. The training duration is 640 hours within a 16-week (4-month) schedule. The advanced welding and introduction to fabrication course includes advanced welding process highlighting Gas Tungsten Arc Welding (GTAW), Gas Metal Arc Welding (GMAW), Hydraulic Press Break, Hydraulic Shear, Hydraulic Pipe and Tubing bender, Vertical Band Saw, Horizontal Band Saw, Portable Pipe Machining Equipment, Orbital Welding System, and Water Jet. College credit is not awarded for this program, rather it is designed as a program of study culminating in industry recognized advanced manufacturing credentials which test the retention and application of the skills needed for a career in welding and fabrication. The maximum enrollment per semester is 4 students. The teacher student ratio in the classroom is 1:4 and 1:4 in the welding lab.

Program Mission: To provide classroom instruction and hands on training on state-of-the-art equipment required to developed well-rounded advance level skilled welders. Students are provided opportunities to earn qualifications and industry recognized certifications to prepare them for employment as welders and fabricators.

Program Objective: Upon completion of the Welding 3 Program, the student will successfully operate and qualify to all required welding standards utilizing two welding processes: GTAW and GMAW. The student will also be trained in using various shop equipment: Hydraulic press breaks, shears, and bandsaws. Additionally, the student will be trained to operate the water jet, orbital welding equipment and portable pipe machining equipment. All training will focus the student on a career in welding and metal fabrication.

Assignment Policy: Projects, training exercises, and lab work are assigned to each student during the semester. Each of these learning exercises is graded or evaluated by the instructor. Students must complete the lab assignments within the assigned schedule.

Homework and Quizzes: Students will be expected to complete weekly assigned homework on time and to pass all weekly quizzes. If a student misses a quiz due to an excused absence, the instructor will work with the student to reschedule it.

Textbook/Equipment Requirements: Students will be required to purchase protective equipment. All textbooks will be provided.

Instruction Method: Live instruction and lab work.

Graduation Requirements: To be eligible for graduation and receive a Certificate of Completion the student must attend at least 544 hours of the scheduled hours of instruction and maintain an 80% average on assigned quizzes or tests.

Total Clock Hours: The complete program course is 640 hours.

Exams, Practical Tests and Certifications:

1) Successful completion of a GMAW pulsed spray, single V-groove weld, butt joint, welded on 1-inch carbon steel plate, test assembly welded in the 1G position,
2) Successful completion of a GTAW pulse welding, single V-groove weld, butt joint, welded on 2-inch stainless steel pipe assemblies welded in the 2G and 5G positions. Both will receive an American Welding Society (AWS) Qualification,
3) Snap-On Multi-Meter Certification, National Coalition of Certification Centers (NC 3) curriculum,
4) Hydraulic press break certification, Fabricators & Manufactures Association International (FMA),
5) Water jet certification, Flow Water Jet,
6) Orbital machine welding operator certification, Tri Tool Technologies,
7) Portable pipe machining operator certification, Tri Tool Technologies,
8) Fundamentals of Metal Fabrication Certificate, Fabricators & Manufactures Association International (FMA),
9) Advanced Blueprint Reading Course, Hobart Institute of Welding Technology (HIWT),
10) National Coalition of Certification Centers (NC3), earning a Snap-On Multi Meter credential.

Required Internship or Externship: None

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Welding 3 Course Description

Advanced Welding and Introduction to Fabrication

This course covers introduction to safe practices, setup, and operation in the following welding processes: Gas Tungsten Arc Welding Equipment (GTAW), Gas Metal Arc Welding Equipment (GMAW). Additionally, the welder will learn safe practices, setup, and the operation of metal cutting, shearing and bending equipment giving them the ability to perform entry level fabrication which will assist them in completing various projects based around the course fabrication equipment.

The advanced welding training will focus on Gas Tungsten Arc Welding Equipment (GTAW) and Gas Metal Arc Welding Equipment (GMAW) in advanced pulsing and waveforms. Additionally, an advanced course in Orbital Welding, utilizing GTAW and GMAW welding processes will be covered on carbon steel pipe along with portable pipe machining equipment. An introduction to fabrication will focus on the skills needed to successfully operate and fabricate parts using the following shop equipment:

- Hydraulic power shear
- Industrial metal cutting saws
- Hydraulic press break
- Hydraulic iron worker
- Hydraulic plate roller
- Water jet
- Hydraulic pipe bender
- Hydraulic bar bender

The welder will develop and understand the key variables that affect the quality of welds such as:

- GTAW & GMAW Advanced pulsing and waveforms
- Base material preparation and fit-up
- Amperage control and travel speed
- Tungsten electrode selection, electrode manipulation and electrode stick out
- Electrode angles and electrode preparation
- Welding gas selection
- Filler metal selection

Additional classroom and lab training will be given using the National Coalition of Certification Centers (NC3), earning a Snap-On Multimeter credential.

The successful welding student will practice utilizing the GTAW welding process on stainless steel pipe and aluminum pipe, GMAW welding process on steel plate and GMAW welding process on aluminum pipe. Classroom and lab training will also be completed using the orbital welding equipment with GTAW and GMAW welding processes with portable pipe machining equipment.
Course completion will consist of six phases:
1) Successful completion of the advanced welder training will include the fabrication of several fabrication projects that will be used for grading purposes,
2) Successful completion of the Orbital Welding course using the GTAW & GMAW welding processes on 2” and 6” carbon steel pipe,
3) Successful completion of the Portable Pipe Cutting and Beveling Equipment course,
4) Successful completion of a GTAW pulse welding, single V-groove weld, butt joint, welded on 2-inch stainless steel and aluminum pipe assemblies welded in the 2G and 5G position,
5) Successful completion of a GMAW pulsed spray, single V-groove weld, butt joint, welded on 6-inch aluminum pipe assembly welded in the 2G and 5G position,
6) Successful completion of a GMAW pulsed spray, single V-groove weld, butt joint, welded on 1-inch carbon steel plate, test assemblies welded in the 1G position.

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CLASS TIMES:	Monday to Friday 7:30 - 4:30
COURSE HOURS:	640 hours
LAB HOURS:	570 hours
LECTURE HOURS:	70 hours
PREREQUISITES:	Must meet one of the below:

1) Completion of the Workshops for Warriors Welding 1 and 2 courses.
2) Completion of a Shielded Metal Arc Welding (Basic), Gas Metal Arc Welding (Basic) and Gas Tungsten Arc Welding (Basic & Intermediate) courses within the past two years.
3) Demonstrate a competency test given by an instructor on Shielded Metal Arc Welding (Basic), Gas Metal-Arc Welding and Gas Tungsten Arc Welding processes.

Welding Tools

Workshops for Warriors provides the equipment and material used during training. However, there are personal items that students need to purchase for the course. These items include Personal Protection Equipment (PPE) and small hand tools that will be useful throughout your future career as a welder.
Workshops for Warriors have a strong relationship with WestAir Gases and Equipment. WestAir stocks most of this equipment at a substantial discount to Workshops students. Make sure you tell WestAir that you are Workshops student. WestAir has several locations in the San Diego area with one near the school located at: 2300 Haffley Avenue, National City, CA 91950, (619) 773-3232. See Appendix B for the PPE List and pricing.
Additional PPE required for the Welding 2 and Welding 3 Programs: TIG glove and TIG finger.

In addition to the items noted on the PPE list, students should wear good quality work pants and shirts. Work jeans, Dickies, Carhartt, and other rugged work wear are recommended. A good quality high-top leather work boot is a must. Steel-toed boots are highly recommended.

IMPORTANT NOTE – Mark your tools, jackets, and gloves. As most students have the same equipment, it is critical that you mark your items with your name.

Welding Professions – Requirements for Eligibility for Licensure

None of the educational services offered lead to occupations that require licensure. However, our Welding Program qualifies welders to the American Welding Society (AWS) D1.1 Structural Welding Code-Steel for SMAW and GMAW, AWS D1.3 Structural Welding Code-Sheet Steel for GMAW-S

Standard Occupational Classification (SOC) Codes

Minor Group: 51-4000 Metal Workers and Plastic Workers
Major Group: 51-0000 Production Occupations

Broad Occupation: 51-2040 Structural Metal Fabricators and Fitters
Minor Group: 51-2000 Assemblers and Fabricators
Major Group: 51-0000 Production Occupations

Broad Occupation: 51-4120 Welding, Soldering, and Brazing Workers
Minor Group: 51-4000 Metal Workers and Plastic Workers
Major Group: 51-0000 Production Occupations

Broad Occupation: 51-4120 Welding, Soldering, and Brazing Workers
Minor Group: 51-4000 Metal Workers and Plastic Workers
Major Group: 51-0000 Production Occupations

These SOC codes are available at: List of SOC Occupations

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Description of the Facilities & Type of Equipment Used for Instruction

The institution's facility is in a single-story industrial building, about 40 years old. The facility is 35,000 square feet in size with ample parking available nearby.

Program: Welding

Desktop/laptop computer, overhead LCD projector, instructor guides, DVD welder training videos, Welder PPE, welding textbooks, multi-process welding machines, SMAW, GTAW, GMAW and FCAW processes, Hydraulic Press Break, Hydraulic Shear, Hydraulic Pipe and Tubing bender, Vertical Band Saw, Horizontal Band Saw, Portable Pipe Machining Equipment, Orbital Welding System, and Water Jet.

Program: CNC Machining

The HTEC center contains five full size Haas CNC milling and turning machines along with six Haas control simulators. 46 seats of MasterCAM (Computer Aided Manufacturing CAM) software, 46 seats of SOLIDWORKS (Computer Aided Design CAD) software, one Flow Waterjet, and manual machines. In addition to the CNC and manual machines, the center has a variety of precision measuring tools to train students in the use and care of quality assurance metrology equipment.

Library Resources

No formal library is needed to meet the instructional needs of the students. General library materials and periodicals pertaining to the topics covered in the instruction are available in the CAD/CAM trailer and welding classroom bookshelves.

Accreditation Status

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

These programs do not lead to licensure in California or other states. A degree program that is unaccredited or from an unaccredited institution is not recognized for some employment positions, including but not limited to, positions with the State of California. A student enrolled in an unaccredited institution is not eligible for federal financial aid which requires accreditation.

Rehabilitation Act and Americans with Disabilities Act (ADA)

In accordance with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act (ADA), Workshops for Warriors abides by the regulation that "no otherwise handicapped individual" shall be excluded from participation in programs and services offered by the College "solely by reason of the handicap." A student is eligible for consideration for accommodations and/or auxiliary aids and services if the student has a documented disability and the Student Services Manager has consulted with the student and determined that the functional limitations of the disability require such accommodation, auxiliary aids and/or services.

Workshops for Warriors is committed to providing reasonable accommodations including auxiliary aids and/or services to qualified individuals with a disability, unless providing such accommodations would result in undue burden or fundamentally alter the nature of the relevant program, benefit, or service provided by the College. To request auxiliary aid or service, please contact the Student Services Manager. Students should submit requests with supporting documentation at least two weeks prior to the beginning of the first day of classes or as soon as practical.

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Admission Process

All prospective applicants must be personally interviewed by a school representative, tour the campus, and receive a catalog describing the course offerings and the school policies. Upon the applicant's determination that he/she is interested in pursuing a specific program of study, he/she meets with a school representative to receive information regarding funding options.

General Admissions Requirements

- Applicants must be at least 17 years of age and must be a High School graduate or GED holder.
- Students must pay all applicable fees, as per the current published fee schedule at the time of signing or entering an enrollment contract or make other arrangements acceptable to the school.
- Applicants must provide Proof of Graduation (POG) in the form of a transcript or diploma from the institution where they received their credential or provide proof of high school equivalency within 14 calendar days of the start date.
- No ability to benefit students will be admitted.

Prior Credit Policy

- This institution does not award credit for satisfactory completion of CLEP or other comparable examinations.
- This institution does not award credit for experiential learning.
- This institution has not entered into an articulation or transfer agreement with any other institution.
- The institution will maintain a written record of the previous education and training of veterans and eligible persons that the record will clearly indicate that credit has been granted, if appropriate, with the training period shortened proportionately and the student notified accordingly.

VETERAN'S CREDIT FOR PREVIOUS EDUCATION OR TRAINING

Students must report on all education and training. The school must evaluate and grant credit, if appropriate, with the training time shortened, the tuition reduced proportionately, and the VA and student notified.

NOTICE CONCERNING TRANSFERABILITY OF CREDITS AND CREDENTIALS EARNED AT OUR INSTITUTION

The transferability of credits you earn at Workshops for Warriors 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 certificate that you earn at this institution is not accepted at the institution to which you seek to transfer, you may be required to repeat some or all 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 WFW to determine if your certificate will transfer. The school will provide guidance, a transcript, catalog, syllabus, and course descriptions for any student.

Cancellation and Refund Policies

Student Right to Cancel:

California Education Code Section 94919 (d) provides that the student has the right to cancel and obtain a refund of charges paid through attendance at the first-class session, or the seventh day after enrollment, whichever is later.

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In accordance with California Education Code Section 94919(d), the institution's policy is that all students have the right to cancel the enrollment agreement until midnight of the seventh (7) day from the scheduled start date of the first module not including holidays.

In accordance with California Education Code Section 94919(b), Students shall notify the school in writing of the cancellation of their enrollment agreement ("Notice of Cancellation"). If the Notice of Cancellation is received by mail, it is effective when deposited in the mail properly addressed with postage prepaid. A student may cancel the enrollment agreement if the school cancels the program. All monies paid will be returned to the student within thirty (30) days after either the school receives the applicant's Notice of Cancellation; or if the school cancels this agreement as described below.

In addition to the California Education Code cancellation requirements above, new students whose Last Day of Attendance (LDA) falls on or before midnight of the fourteenth (14) consecutive calendar day from the scheduled start date of the first course, not including school scheduled breaks (winter, spring, and summer breaks only) and any holidays published in the academic calendar in the catalog, will also be considered a Cancellation. Cancellations that occur under the conditions above are assigned the following cancel status codes.

1. "Cancel" status is assigned to cancellations that occur until midnight of the seventh (7) day from the scheduled start date of the course.

2. "Early Withdrawal" (EW) status is assigned to cancellations for new students with an LDA after the seventh (7) day but before midnight of the fourteenth (14) consecutive calendar day from the scheduled start date of the course. The determination date for "EW" will fall on the 14th absent consecutive calendar day from the student's LDA, not including school-scheduled breaks (winter, spring, and summer breaks only) and any school scheduled holidays, when the "EW" status will be automatically assigned.

Note: Cancellations and Early Withdrawals will result in all charges being reversed including the $10.00 registration fee. Additionally, all tuition paid by the student will be refunded.

Cancellation Initiated by the Institution:

There are conditions in which a cancellation determination will be made by the institution for students on or before midnight of the fourteenth (14) consecutive calendar day from the scheduled start date of the course, not including school-scheduled holidays and school scheduled breaks (winter, spring, and summer breaks only). The following conditions may result in a cancelation initiated by the institution:
1. Violation of the Student Code of Conduct.
2. Unable to obtain proof of high school graduation or equivalent.
3. Incomplete arrangements to fulfill financial obligations

Note: Cancellations and Early Withdrawals will result in all charges being reversed. In the event an enrolled applicant is rejected, the school cancels the program, a student cancels his/her enrollment during the cancelation period or is a no show/never starts the program, all tuition paid by the student will be refunded.

TERMINATION OR WITHDRAWAL AFTER COMMENCEMENT OF CLASSES: In the event of withdrawal from the program by the student or termination by the school, the school will use the Institutional Refund Policy.

Institutional Refund Policy

You have the right to withdraw from a course of instruction at any time. The institution has the right to withdraw a student after the cancellation period for the following reasons:

1. Not meeting minimum attendance requirements.
2. Not meeting minimum Satisfactory Academic Progress

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3. Violation of the Student Code of Conduct.
4. Not returning from Leave of Absence

A student may withdrawal from a program by notifying a campus representative, either in writing or verbally, of their intent to withdrawal.

The Institutional Refund Policy is used to determine the amount of tuition to be refunded to a student who withdraws or is terminated after the first day of class. Refunds are computed from the first date of entrance (commencement of training) to the last date of actual attendance as determined by official attendance records.

Tuition Refund Policy

Workshops for Warriors adheres to a **Pro-rata Refund Policy** designed to provide fair and equitable refunds to students who withdraw from their courses. This policy is applicable to all students, including veterans and eligible persons.

Refund Structure:

- **Pro-rata Refund**: Students will receive a refund based on the percentage of the course completed. Specifically, if a student withdraws from a course, they will be refunded the remaining percentage of the total tuition based on the duration of attendance.
- **Non-refundable Registration Fee**: A non-refundable registration fee of **$10.00** will be deducted from the total refund amount for all veterans and eligible persons.

For example, if a student completes 20% of a course, they will be eligible for an 80% refund of the tuition, minus the $10.00 registration fee.

This policy is in compliance with federal regulations and ensures that students are only financially responsible for the time they have participated in their courses. For detailed information about the refund process, please contact the administration office.

IF THE AMOUNT THAT YOU PAID IS MORE THAN THE AMOUNT THAT YOU OWE FOR THE TIME YOU ATTENDED, THEN A REFUND WILL BE MADE WITHIN 45 DAYS OF THE DATE THE INSTITUTION DETERMINES THAT YOU WITHDREW. IF THE AMOUNT YOU ARE CHARGED IS MORE THAN THE AMOUNT THAT YOU HAVE ALREADY PAID, THEN YOU WILL HAVE TO MAKE ARRANGMENTS TO PAY THE DIFFERENCE.

If any portion of your tuition was paid from the proceeds of a loan, then the refund will be sent to the lender or the agency that guaranteed the loan, if any, and any remaining balance paid to you. Information regarding any applicable third-party funding agency refund or return of funds policies (e.g., Veterans Administration) may be obtained by contacting the school official at WFW.

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 the education program manager. If, however, this action does not resolve the matter to the satisfaction of the student, he/she may submit a written complaint to the Chief Academic Officer at the main campus:

Workshops for Warriors, 2970 Main Street San Diego, CA 92113

The written complaint must contain a statement of the nature of the problem, the date the problem occurred, the names of the individual's 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 Academic Officer if you require additional information.

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A student, or any member of the public, may file a complaint about his institution with the Bureau for Private Postsecondary Education by calling toll free (888) 370-7598 or by completing a complaint form, which can be obtained on the bureau's website www.bppe.ca.gov.

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 or by visiting https://www.osar.bppe.ca.gov/.

Leave of Absence

If an emergency arises, such as a family tragedy, medical condition, or military obligation, making it necessary for a student to interrupt his/her training, the school, at its' discretion, may permit a student to request a Leave of Absence (LOA). The following criteria are required:

1. The student must request leave in writing (prior to the expected LOA) and must sign and date a request which states a reason.
2. The applicable School Official must approve and sign the LOA request before the LOA starts.
3. The reason for the request must provide reasonable assurance that the student will return at the end of the LOA.
4. The school may ask for documentation confirming the reason for the LOA.
5. Acceptable reasons for LOAs include but are not limited to: Medical treatment, death in the immediate family and military obligations. An LOA may not be granted for reasons associated with a student's academic performance.
6. An LOA will not be granted if the total hours to be missed will not allow the student to meet the attendance requirements for passing the course unless the student requests a reasonable accommodation under the Americans with Disabilities Act (ADA).
7. Students who fail to return on their scheduled LOA return date and/or fail to get an approved extension in advance will be dropped from the program.
8. Upon approval of and during an LOA, the school does not assess the student any additional institutional charges, the student's need may not increase, and the student is not eligible for any additional aid.

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Charges: Tuition & Fees

Tuition is due prior to enrollment. Students must pay for their books and registration fee on the day of enrollment. The following chart shows the total scheduled charges for the attendance period and estimated for the entire education program.

Program Name	Tuition per course	Registration or Deposit Fee	STRF ($0.00 per $1,000)	Books	Equipment	Total Program Cost
Shielded Metal Arc Welding (Basic)	$12,100					
Gas Metal Arc Welding Basic, (GMAWB)	$9,350					
Flux Cored Arc Welding, (FCAW)	$6,050					
Total Welding 1	**$27,500.00**	**$10**	**$0**	**$40.02**	**$290**	**$27,840.02**
Gas Tungsten Arc Welding /Plate/Pipe (GTAW)	$27,500					
Total Welding 2	**$27,500**	**$10**	**$0**	**$40.02**	**$290**	**$27,840.02**
Advanced Welding and Introduction to Fabrication	$27,500					
Total Welding 3	**$27,500**	**$10**	**$0**	**$40.02**	**$290**	**$27,840.02**
CNC Lathe	$5,500					
CNC Milling	$7,700					
SolidWorks	$5,500					
MasterCAM	$5,500					
Immerse2Learn	$3,300					
Total CNC Machining 1	**$27,500**	**$10**	**$0**	**$0**	**$1800.00**	**$29,310.00**
Intermediate Multi-Axis CNC	$14,780					
Intermediate CAD/CAM	$6,530					
Metrology	$6,190					
Total CNC Machining 2	**$27,500**	**$10**	**$0**	**$0**	**$1800.00**	**$29,310.00**
Advanced Multi-Axis CNC	$14,780					
Advanced CAD/CAM	$6,530					
Advanced Metrology	$6,190					
Total CNC Machining 3	**$27,500**	**$10**	**$0**	**$0**	**$1800.00**	**$29310.00**

* STRF is non-refundable

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Military Pricing Structure

Workshops for Warriors is committed to keeping our military tuition rates as low as possible. Military tuition rates are available to active-duty military to include reserves, National Guard members; veterans; active-duty spouses and dependent children; spouses or dependent adult child of an active duty, 100% permanently disabled, or military retirees. Limited tuition scholarships are available to veterans and transitioning service members. Please contact the School Administrative Specialist for more information. The following chart shows the total scheduled charges for the attendance period and estimated for the entire education program.

Program Name	Tuition per course	Registration or Deposit Fee	STRF ($0.00 per $1,000)	Books	Equipment	Total Program Cost
Shielded Metal Arc Welding (Basic)	$11,000					
Gas Metal Arc Welding Basic, (GMAWB)	$8,500					
Flux Cored Arc Welding, (FCAW)	$5,500					
Total Welding I	**$25,000**	**$10**	**$0**	**$40.02**	**$290**	**$25,340.02**
Gas Tungsten Arc Welding /Plate/Pipe (GTAW)	$25,000					
Total Welding 2	**$25,000**	**$10**	**$0**	**$40.02**	**$290**	**$25,340.02**
Advanced Welding and Introduction to Fabrication	$25,000					
Total Welding 3	**$25,000**	**$10**	**$0**	**$40.02**	**$290**	**$25,340.02**
CNC Lathe	$5,000					
CNC Milling	$7,000					
SolidWorks	$5,000					
MasterCAM	$5,000					
Immerse2Learn	$3,000					
Total CNC Machining I	**$25,000**	**$10**	**$0**	**$0**	**$1800.00**	**$26,810.00**
Intermediate Multi-Axis CNC	$13,440					
Intermediate CAD/CAM	$5,940					
Metrology	$5,620					
Total CNC Machining 2	**$25,000**	**$10**	**$0**	**$0**	**$1800.00**	**$26,810.00**
Advanced Multi-Axis CNC	$13,440					
Advanced CAD/CAM	$5,940					
Advanced Metrology	$5,620					
CNC Machining 3	**$25,000**	**$10**	**$0**	**$0**	**$1800.00**	**$26,810.00**

* STRF is non-refundable

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VA Benefits Policy

In accordance with Title 38 US Code 3679 subsection (e), this school adopts the following additional provisions for any students using U.S. Department of Veteran Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA.

This school will not:

- prevent the student's enrollment,
- assess a late penalty fee to,
- require students to secure alternative or additional funding, or
- deny their access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such students may be required to:

- provide Chapter 33 Certificate of Eligibility (or its equivalent) or for Chapter 31, VA VR&E's contract with the school on VA Form 28-1905 by the first day of class,
- provide a written request to be certified, or
- provide additional information needed to properly certify the enrollment as described in other institutional policies.

Payment Policy

Tuition is due prior to the first day of class unless the student is eligible for financial arrangements that have been made with the Finance Office. Students are responsible for any financial obligation incurred while attending Workshops for Warriors regardless of payment method. Students may be terminated at the discretion of the school for non-payment or pass due payments owed to the institution.

PAY UPFRONT
You may pay the entire tuition upfront before enrolling in the course.

PAYMENT INSTALLMENTS
An interest-free payment plan can be established while enrolled in the course. Final payment must be made before course completion.

PERSONAL PRIVATE LOAN
You can apply with your local bank or credit union for a personal loan to help fund the tuition costs for enrollment. Workshops for Warriors have not partnered with any private lending institutions.

SCHOLARSHIPS
You can apply online to help fund the tuition costs for enrollment. Workshops for Warriors partnered with advance manufacturing partners to assist students with their tuition.

Policies and Procedures Regarding Financial Aid

The school does not participate in either State financial aid programs or Federal financial aid programs.

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 monies not paid from federal student financial aid program funds.

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Financial Stability – Bankruptcy History

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.

Placement Services

Workshops for Warriors maintains a policy of providing job placement assistance for all its graduates. No school can ethically promise or guarantee a job. However, WFW does help with resume writing, interviewing techniques, job-search skills, arranging appointments for job interviews and subsequent follow-up. Each student is provided login credentials for the institutions web portal which includes a job board and several other career center functions including resume and cover letter assistance, building a LinkedIn profile, requesting a letter of recommendation, networking, and interviewing skills workshops.

STRF Disclosure

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.

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 because of any of the following:

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

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

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

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

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

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

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

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

A student whose loan is revived by a loan holder or debt collector after a period of 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.

It is important that you keep copies of your enrollment agreement, financial aid documents, receipts, or any other information that documents the amount paid to the school. Questions regarding the STRF may be directed to the Bureau for Private Postsecondary Education, 1747 North Market Suite 225, Sacramento, CA 95834, (916) 431-6959 or (888) 370-7589.

Delinquent Accounts

Delinquent accounts may result in termination from the program and may be submitted for collection with collection agencies. If a student's account is over 120 days delinquent, the account may be sent to WFW's internal collection department. If the student's account is still delinquent after eight months, the account can be deferred to an outside collection's agency.

Notice Concerning Transferability of Credits and Credentials

NOTICE CONCERNING TRANSFERABILITY OF CREDITS AND CREDENTIALS EARNED AT OUR INSTITUTION pursuant to CEC§

The transferability of credits you earn at Workshops for Warriors is at the complete discretion of an institution to which you may seek to transfer. Acceptance of the diploma or certificate you earn in the educational program is also at the complete discretion of the institution to which you may see to transfer. If the diploma or certificate that you earn at this institution is not accepted at the institution to which you seek to transfer, you may be required to repeat some or all 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 Workshops for Warriors to determine if your diploma or certificate will transfer.

Visa Related Services

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

Language Proficiency

The following apply to students for whom English is not their primary language:

For a student whose high school or equivalent coursework was not completed in English, and for whom English was not a primary language, we will seek a score of 500 on a paper based TOEFL test or a score of 70 on the internet-based test. The TOEFL 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, the TOEFL requirement does not apply to students who have completed coursework, in English, at the college level.

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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.

Experiential Credit

This institution does not award credit for prior experiential learning.

Family Educational Rights and Privacy Act of 1974, As Amended

The Family Educational Rights and Privacy Act of 1974, as amended (FERPA), is a federal law that protects student information and affords eligible students the following rights with respect to their education records:

1. The right to inspect and review the student's education records within 45 days of the day the institution receives a request for access.
2. The right to request the amendment of education records the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.
3. The right to provide written consent before the institution discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the institution to comply with the requirements of FERPA.

An "eligible student" under FERPA is a student who is 18 years of age or older who attends a postsecondary institution. Please find a more detailed discussion of each of these rights and guidance regarding the way they may be exercised below.

1. **The right to inspect and review the student's education records within 45 days of the day the institution receives a request for access.**

With certain exceptions, an "education record" is defined under FERPA as any record (1) from which a student can be personally identified and (2) that is maintained by the institution.
A student wishing to inspect their education records should submit to the school official a written request that identifies the record(s) they wish to inspect. The school will arrange for access and notify the student of the time and place where the records may be inspected.

2. The right to request the amendment of education records the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

To question the accuracy of education records, students should first informally confer with the custodian or originator of the record at issue. A student who then wishes to ask the school to amend a record should write to the official responsible for the record, clearly identifying the part of the record that he or she believes should be amended and the basis for why it should be amended.
If the school decides not to amend the record, it will notify the student in writing of the decision and the student's right to a hearing with school officials regarding the request for amendment. Additional information regarding hearing procedures will be provided to the student when notified of the right to a hearing.

Note: The preceding procedure shall not be available to challenge the validity of a grade, or score given by an

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instructor or any other decision by an instructor or official, but only whether the recording of such grade or decision is accurate or complete.

3. The right to provide written consent before the institution discloses PII from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

Students may consent to their school disclosing PII from the student's education record to a third party. This consent must be made to the school official, in writing, signed and dated by the student, and must (1) specify the records to be disclosed, (2) state the purpose of the disclosure, (3) and identify the party to whom the disclosure is to be made. This release requirement is applicable to disclosures to parents or other family members who inquire about a student's education record.

There are instances in which a school is permitted to disclose a student's education records without a student's prior written consent. In accordance and subject to all FERPA requirements, our school may disclose education records without a student's prior written consent as follows:

• To other school officials, including teachers, within the school whom the school has determined to have legitimate educational interests.
• To officials of another school where the student seeks or intends to enroll, or where the student is already enrolled if the disclosure is for purposes related to the student's enrollment or transfer.
• To authorized representatives of the U. S. Comptroller General, the U. S. Attorney General, the U.S. Secretary of Education, or State and local educational authorities.
• In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid.
• To organizations conducting studies for, or on behalf of, the school, to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction.
• To accrediting organizations to carry out their accrediting functions.
• To parents of an eligible student if the student is dependent for IRS tax purposes.
• To comply with a judicial order or lawfully issued subpoena.
• To appropriate officials in connection with a health or safety emergency.
• Information the school has designated as "directory information."
• To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense. The disclosure may only include the results of the disciplinary proceedings regarding that alleged crime or offense, regardless of the finding.
• To the public, the results of a disciplinary proceeding if the school determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the school's rules or policies with respect to the allegation made against him or her.
• To parents of a student regarding the student's violation of any Federal, State, or local law, or of any rule or policy of the school, governing the use or possession of alcohol or a controlled substance if the school determines the student committed a disciplinary violation and the student is under the age of 21.

As stated above, FERPA permits institutions, within established guidelines, to disclose "directory information" without a student's prior written consent. This provision enables institutions to provide beneficial services to students such as verifying enrollment for insurance purposes, verifying diplomas earned for employment purposes, providing basic contact information so that students may contact each other, and so on. Our school has identified the following items as directory information:

- Name, address, telephone number, and e-mail address
- Date and place of birth
- Enrollment status
- Dates of attendance and graduation
- Field of study
- Diploma/Degree received

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Students may request that directory information not be released. To request restriction of directory information, a request must be made. Please contact the school official who will assist with this process.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the institution to comply with the requirements of FERPA.

Students wishing to file complaints relating to FERPA matters may submit such complaints to the following office of the U.S. Department of Education that administers FERPA: Family Policy Compliance Office

U.S. Department of Education
400 Maryland Avenue
SW Washington, DC 20202-4605
Phone: 202-260-3887

In addition, our school encourages students to file any such complaints or concerns with our school pursuant to the Student Complaint/Grievance Procedure located in our School Catalog. Students with questions regarding their rights pursuant to FERPA or desiring additional guidance concerning the appropriate way to exercise such rights at their school, can contact the school official.

Nondiscrimination Policy

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 based on race, color, religion, religious beliefs, national origin, sex, sexual orientation, marital status, pregnancy, age, disability, veteran 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.

Academic Freedom

Workshops for Warriors 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 judgements regarding the content of the assigned courses, organization of topics and instructional methods, providing only that these judgements are made within the context of the course descriptions as currently published, and providing that the instructional methods for which the institution has received oversight approval.

Workshops for Warriors encourage instructors and students to engage in discussion and dialog. Students and faculty members alike are encouraged to freely express views, however controversial, if they believe it would advance understanding in their specialized discipline or sub-disciplines.

Copyright Policy

Workshops for Warriors does not allow or condone the use of WFW resources for the unauthorized distribution of copyrighted material, including peer-to-peer file (P2P) file sharing. Engaging in such activity will result in disciplinary action. Such activity may also subject colleagues, including faculty, staff, and students, to civil and criminal prosecution.

Catalog Update Policy

The policy of this institution is to update the official school catalog annually. Annual updates may be made by using supplements or inserts accompanying the catalog. If changes in education program, educational services,

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procedures, or policies required to be included in this catalog by statute or regulation are implement before the issuance of the annually updated catalog, those changes shall be reflected at the time they are made in a full revision, supplements, or inserts accompanying the catalog or in the catalog.

Any questions a student may have regarding this catalog that have not been satisfactorily answered by the institution may be directed to the Bureau for Private Postsecondary Education at 1747 North Market 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.

Policy – Distribution of This Catalog and Program Brochures

This institution makes a printed copy of its current catalog and current program brochures available to the public at no charge. Individuals who wish to obtain a physical copy can decide by simply calling the school's office, (619) 550-1620. The individual may also go to the institution's website and download a digital copy of the catalog, www.wfw.org/our-school/. Potential students will receive an electronic copy of the student handbook and course catalog via email after an application form has been completed. They will receive a printed student handbook and course catalog copy before signing the enrollment agreement form.

Academic Probation and Dismissal Policies

The program director may place a student on academic probation if the student is not making satisfactory academic progress as per this institution's published policy. Student progress will be evaluated at 4 weeks and 8 weeks. If a student is evaluated at less than 80%, they will be put on academic probation. If satisfactory academic progress is not met within 4 weeks from the date assigned to probation the beneficiary will no longer be certified for program enrollment.

GI Bill® Satisfactory Academic Progress (GBSAP) Policy

GI Bill® students, regardless of which chapter benefits they are employing, must follow this GBSAP policy. This policy requires that recipients of GI Bill® benefits maintain an 80% average on tests and quizzes and must comply with the Workshops for Warriors attendance policy stated in the student code of conduct, under attendance.

Exceptions to this policy will be considered case-by-case in emergencies. Requests for such an exemption should be submitted to the Chief Academic Officer.

Student progress will be evaluated at 4 weeks and 8 weeks. If a student is evaluated at less than 80%, they will be put on academic probation. If satisfactory academic progress is not met within 4 weeks from the date assigned to probation the beneficiary will no longer be certified for program enrollment.

Failure to comply with the GBSAP Policy will result in Workshops for Warriors notifying the Department of Veterans Affairs (VA) of the lack of satisfactory academic progress and could result in the VA ceasing payment of benefits.

Student Grades and Academic Integrity

It is the aim of the faculty of Workshops for Warriors to foster a spirit of complete honesty and a high standard of integrity. You do not learn by having other students do your work or take your tests. Cheating in any form will not be tolerated and those who do so face serious consequences including possible expulsion from the program.

Grading Policy for Pass/Fail Standards on Quizzes

All students must pass all tests and quizzes to qualify for the final exam.

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Pass|Fail Standard on Tests

All students will be required to maintain an 80% or higher on quizzes and tests in all enrolled courses to qualify for a program completion certificate.

Makeup Procedures for Quizzes and Tests

All students will be allowed 5 (five) makeup quizzes per course within the selected program. Makeup is only for quizzes that were graded below the 80% pass requirement. Quiz makeup will be given 30 mins before class begins on any day. Makeup quizzes must be taken no later than 7 days after the original failed quiz was administered. Only 1 (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, be taken no later than 14 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:

- I Incomplete: If the program has not been completed, the instructor may grant 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.

Attendance

The training at Workshops for Warriors is highly compressed. The hundreds of hours of lab time are critical to develop critical skills. You cannot learn if you are not present. Our policy on attendance reflects the highly compressed and intense nature of the program.

Students scheduled for class must attend scheduled classes on time as outlined in the class syllabus. We realize those involved in transition have several critical activities (VA appointments, etc.) they must address. If attendance is not possible, the student is responsible for contacting the instructor to make special arrangements for make-up class or coursework. Please note the following:

- Attendance is recorded for all programs and is tracked by minutes in the scheduled class or lab. This includes absence from the entire session, late arrival (tardy), and early departure.
- Students absent for an accumulation of 40 hours will receive a written warning and verbal advisement.
- Students absent for an accumulation of 96 hours will receive a second written warning and verbal advisement with a student performance improvement plan.

Tardiness

- Students arriving 15 minutes or later for class are considered tardy.

Make-up time may be allowed for students who can document that an absence was due to any of the following exceptions:

- Illness (a doctor's note or proof of hospital stay is required).

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- Bereavement (documentation of death/funeral is required).
- Jury Duty (verification of Jury Duty attendance is required).
- Military Duty-(copy of military orders or other military duty documentation is required);
- Veterans Administration Appointment-Mandatory (documentation of the VA appointment is required)

Workshops for Warriors students are not required to attend the holidays listed in the school calendar. If a holiday falls on a Saturday or Sunday, the preceding Friday or following Monday will be designated as the day determined by WFW. All other Federal holidays will be handled per the direction of the Deans of Welding and Machining.

Student Records and Transcripts

Student records for all students are kept for five years. Transcripts are kept permanently and will include the student's final grade. Students have access to their records within the student portal of the institution's website. All students will be provided with login access in the first week of class. Should a student find, upon review, that their records are inaccurate or misleading, the student may submit a request to update through the student portal on the institution's website.

If 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 transcript of grades earned. 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.

Student Code of Conduct

Safety Policy

Workshops for Warriors and surrounding industrial shops are considered industrial manufacturing areas. Safety regulations are enforced for the protection of all students, instructors, and employees. California and the federal government have established specific safety requirements to perform work in industrial areas including regulations provided by the Occupational Health and Safety Act (OSHA). Workshops for Warriors strictly follows OSHA and other state and federal mandated laws as required to keep personnel and equipment safe.

General safety requirements before entering any WFW industrial shop area include:

- Safety glasses, hearing protection, close-toe boots or industrial grade shoes and appropriate clothing must be worn.
- No rings, necklaces or other jewelry that could possibly get caught in machinery or contact a welding arc are permitted near that equipment.
- No loose-fitting clothing is permitted.
- No frayed or distressed jeans/pants
- No bare feet, sandals or open toed shoes are permitted.
- No shorts, half-shirts, or sleeveless shirts are permitted.
- No horseplay is permitted.

Each student will be provided a shop safety class prior to any work in the welding and machining labs and surrounding Workshops for Warriors industrial shops. All safety rules are mandatory and must be strictly followed. Safety is everyone's responsibility. Instructors and TAs will enforce safety rules. Students who observe safety issues are encouraged to immediately discuss those concerns with their instructor or TA. Furthermore, safety rules

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specified by WFW instructors take priority over what you may have learned elsewhere. If a WFW instructor specifies a safety rule for a piece of equipment or operation, it must be followed.

The equipment at Workshops for Warriors is extremely expensive and potentially dangerous. If you have not received training and are not qualified to operate a particular piece of equipment, find someone who is.

**** Do NOT operate equipment you are not qualified to operate ****

Workplace Discrimination and Harassment

Workshops for Warriors is committed to providing an environment free from discrimination and harassment. Discrimination or harassment of any type based on race, gender, religion, sexual orientation, disability status or any federal or state designated group is strictly prohibited.

Workshops for Warriors is also committed to maintaining the highest ethical standards. Students who witness or are concerned about activity they believe is discriminatory or unethical are asked to speak to their TA, instructor, dean, or appropriate office staff. These discussions will be treated with the utmost confidentiality.

Please note that these policies are not merely intended to comply with state and federal law but to prepare students for the expectations of life in the civilian workforce. Jokes or seemingly harmless banter common in the military may be inappropriate in the civilian workforce. Please also understand that if an instructor or staff member counsels you on something you say or do, it is only to help put you in a better position to succeed in your new career.

Drugs & Alcohol

Workshops for Warriors is a drug and alcohol-free environment. Possession, distribution, and use of illegal or recreational drugs, alcohol and marijuana are strictly prohibited on the premises. Violation of this policy is grounds for immediate dismissal.

Tobacco

Workshops for Warriors is a tobacco -free environment. Smoking, smokeless tobacco and vaping are prohibited in the office, classroom, courtyard, restroom, and shop areas. Smoking, smokeless tobacco and vaping are permitted in the designated area in front of the facility. Please keep the sidewalk clean and dispose of your cigarette butts appropriately.

Food and Drinks

Food will be consumed in the approved snack or lounge areas away from classrooms and industrial fabrication areas. Students are responsible for cleaning up after themselves. Only capped containers of liquid or bottled drinks will be allowed in the classroom or labs.

Wireless Devices and Internet

Workshops for Warriors offer internet access to students to help with their education and transition process. Cellular devices are not to be used in the classroom or lab. Misuse of internet to access inappropriate sites or use of personal devices during unauthorized times may result in administrative reprimand to include dismissal from the program.

Class Leader/Foreman

The instructor will identify a class leader or foreman for the class who will assist in some logistical tasks. In most cases, this will be the most senior active-duty service member. The class leader/foreman will assist with maintaining good order and discipline, proper uniform, and grooming standards.

Cleaning

Clean work, study, and school areas are critical for many reasons. The tools and labs used at Workshops for Warriors are very expensive and may be damaged or present a safety hazard if not kept clean. Each class will be assigned specific areas to clean at the beginning and end of every day.

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Student Assistance

The 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 aid in identifying appropriate professional assistance in the student's local community but does not offer personal counseling assistance.

Student Housing
Limited housing in the immediate area is available for rent in two story walkup and garden apartments. Monthly rent for a one-bedroom unit is approximately $1,900.00 per month. Other housing is available within a 10-mile radius and rents range from $2,500.00 to $3,100 per month. (https://www.apartments.com/apartments/san-diego-ca/). This institution has no responsibility to find or assist a student in finding housing.

Transportation
We understand that many of the students attending school at Workshops for Warriors are stationed at Camp Pendleton and other bases several miles from the campus. Workshops for Warriors does not currently provide transportation. As such, we encourage students to work together to carpool.

Parking
Workshops for Warriors has a small parking lot for staff and any extra spaces will be offered to students on a first come first served basis. The parking lot is gated and requires an opener to operate. Students may obtain an opener from the office for a $50 deposit, which is to be refunded upon return of the opener. Students must supply a copy of their proof of insurance, driver's license, registration, VIN, and license plate numbers. Please see the School Administrative Specialist for more information about the parking lot. Students will not park inside the facility. Additional street parking is available on the South side of Main Street and the North side of Boston Avenue. Students are strongly discouraged from parking in no-parking and permit-only zones, as you will be ticketed. Motorcycle parking spaces are in front of Workshops for Warriors.

Financial Assistance
Students facing extreme financial hardship are encouraged to discuss their situation with the Manager of Enrollment, Registrar, or Chief Academic Officer.

Counseling
The prospect of transitioning into the civilian workforce can be very stressful. Experience has shown that stress is relieved as students gain new skills and confidence. However, we understand that there may be times when concerns and frustrations run high. While we do not provide formal counseling services, we do have connections to organizations that provide these services. If you need immediate assistance, we encourage all students to contact the Crisis Lifeline by dialing 988 or texting 83825. In an emergency, dial 911.

You are among friends. Our staff and volunteers are here because they care about you and your family. Sometimes just having someone to talk to about an issue can make a big difference. If you are frustrated or worried and need someone to talk to, just ask.

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Appendix A – 2024 Academic Calendar

**New Year's Day observance .....Monday, January 1

Spring Semester Begins.....Tuesday, January 2

*Martin Luther King, Jr. Birthday observance .....Monday, January 15

Mental Health (Lunch and Learn).....Monday, January 22

*Washington's Birthday observance.....Monday, February 19

Resume Writing & Mock Interviews (Lunch and Learn).....Friday, February 16

Understanding the Industry (Lunch and Learn).....Monday, February 22

Mental Health (Lunch and Learn).....Monday, February 26

Employment Readiness (Lunch and Learn) (resumes due).....Friday, March 1

Mental Health (Lunch and Learn).....Monday, March 18

CAREER FAIR..... Friday, March 22

Financial Literacy (Lunch and Learn).....Friday, April 12

Mental Health (Lunch and Learn)..... Monday, April 15

SPRING GRADUATION .....Thursday, April 18

Summer Semester Begins .....Monday, April 29

Mental Health (Lunch and Learn).....Monday, May 10

Resume Writing & Mock Interviews (Lunch and Learn).....Friday, May 17

Understanding the Industry (Lunch and Learn).....Friday, May 24

**Memorial Day .....Monday, May 27

Mental Health (Lunch and Learn).....Monday, June 10

**Independence Day .....Thursday day, July 4 – Friday, July 5

Employment Readiness (Lunch and Learn) (resumes due).....Friday, June 28

Mental Health (Lunch and Learn).....Monday, July 8

CAREER FAIR..... Friday, July 12

Financial Literacy (Lunch and Learn).....Friday, July 26

Mental Health (Lunch and Learn)..... Monday, August 12

SUMMER GRADUATION .....Friday, August 16

Fall Semester Begins.....Monday, August 26

**Labor Day .....Monday, September 2

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Mental Health (Lunch and Learn).....Monday, September 16

Understanding the Industry (Lunch and Learn).....Friday, September 13

Resume Writing & Mock Interviews (Lunch and Learn).....Friday, September 27

Mental Health (Lunch and Learn).....Monday, October 14

Employment Readiness (Lunch and Learn) (resumes due).....Friday, October 18

CAREER FAIR..... Friday, November 8

**Veteran's Day observance .....Monday, November 11

Mental Health (Lunch and Learn)..... Monday, November 18

**Thanksgiving Day observance .....Thursday, November 28 – Friday, November 29

Financial Literacy (Lunch and Learn).....Friday, December 6

Mental Health (Lunch and Learn)..... Monday, December 9

FALL GRADUATION .....Friday, December 13

**Winter break .....December 23 – December 27

*Student Holiday
** Student and Staff Holiday

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Appendix B – Personal Protective Equipment (PPE) List

Mandatory Items	**Price**		**Source**	**Notes**
Jacket - Cape Sleeve with 14" bib	$55.39		WA - REV 21CS-XL	Buy Size That Fits -See Alternatives Below
Welding Helmet - Weldmark	$63.39		WA - WM8VS9-13H	Base Model - See below for better alternative
Safety Glasses - Clear ANSI Z87.1	$3.83		WA - JAC 19804	Required while working in the welding lab
Ear Plugs (corded)	$15.24		WA - MOL MX6405	Required while working in the welding lab
Stick Welding Gloves (Gauntlet Style)	$10.07		WA - REV 320 LG	Used for SMAW, GMAW and FCAW welding
Soft Leather Work Gloves (Drivers)	$4.57		WA - R5Y	Used for grinding and other dirty work
Vice Grip Pliers (VG 10" straight)	$11.75		WA - VIG 10R	Used to hold hot metal plates
Large Wire Brush (319-SS)	$2.56		WA - COM SLHSS	Used to brush slag from welds
Chipping Hammer, Cone & Chisel	$5.81		WA - ATL S20	Used to chip slag from welds
Welders Cap (Black)	$5.50		WA - ATL AWC	Protects head from sparks and slag
Carbide Scribe	$3.90		WA	Used for layout of qualification project
Welders Pliers (aka Welpers)	$13.98		WA	Used for all GMAW and FCAW welding
4 1/2" Handheld Grinder	$50.00		Lowes/HD/WM	Recommend Porter Cable / DeWalt Purchase grinder with 120 VAC with 10 to 12 AMP rating
Metal Ruler - Flat	$5.00		Lowes/HD/WM	Used for layout of qualification project
Metal Center Punch	$10.00		Lowes/HD/WM	Used for layout of qualification project
Dust Masks (10)	$20.00		Lowes/HD/WM	Used during grinding
Combination Lock (MasterLock)	$7.00		Lowes/HD/WM	Needed for equipment locker
Black & Silver Sharpie Markers	$2.50		Lowes/HD/WM	Used to mark tools, clothes and shop projects
Estimated Total	$290.49			
Optional/Substitute Items	**Price**		**Source**	**Notes**
Welding Helmet - Miller Digital Elite	$289.00		WA - #257213	Best welding helmet
Jacket - Full Leather	$54.86		WA	Very hot and does not breath well
Jacket - Leather Sleeves / Fabric Front	$32.30		WA	Cooler but does not protect as well
Large Locking C Clamps (2)	$15.20		WA	Useful for holding qualification plates
Tape Measure (Regal 1"x 25')	$11.36		WA - COM 63700	Alternative to flat ruler
Flat soap stone crayons (4),	$1.80		WA	Used for layout of qualification project
WA = WestAir				
HD = Home Depot				
Lowes				
WM=Walmart				

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Appendix C – Faculty / Staff List

Hernán Luis y Prado
Founder, CEO, and Board Chair

Maria Truong
Chief of Staff

Eric Ramirez
Executive Aid to CEO

Kona Hauze
Assistant

Chipper Leach
Project Manager

Willy Buhl
Director of Strategic Initiatives

Rachel Luis y Prado
Chief Operating Officer

David Smiljkovich
Chief Financial Officer

Jacquelyn Escobar
Accounting Assistant

Annette Dwyer
Bookkeeper

Melody Strawn
Accounting Administrative Assistant

Meredith Roderick
Director of Human Resources

John Zombory
HR Coordinator

Chris Carey
Director of Marketing

Julia Egan
Marketing Specialist

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Lisa Record
Senior Director of Development

Sarah Singh
Associate Director of Development

Ashley Nicole Morey
Development Specialist

Ann Braun
Strategic Philanthropy Advisor

Elnara Hankishiyeva
Sales Force Administrator

Helen Vynogradenko
Data Analyst

David Smiljkovich
Chief Financial Officer

Mark Platt
Chief Academic Officer

Alex Munoz
Director of Education

Rebecca Martinez
Registrar

Katherine Reyes
Compliance Manager

Julie Miller
Career and Student Services Specialist

George Arlantico
Director of Enrollment

Jaycee Bagtas
Enrollment Advisor II

Aziza Ramos
Enrollment Advisor
Victor Reyes
Enrollment Advisor II/III

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Patrick Dorris
Dean of Machining

21 years Machining experience | Mastercam Certified Instructor | NIMS Level 1 and CNC certifications: Job Planning, Benchwork & Layout, Measurement, Materials & Safety, Mills Programming, Setup & Operations, Milling I, Drill Press Skills | FlowMaster Programming and Waterjet Operation | CNC Turning Programming Setup & Operations | CNC Milling Programming Setup & Operations | CNC Milling Skills II | Certified SolidWorks Professional (CSWP).

Sopheak Chan
Machining Teaching Assistant III
Mastercam 2020: 3D Mill & Lathe certifications | NIMS Level 1 and CNC certifications: Job Planning, Benchwork & Layout, Measurement, Materials & Safety, Mills Programming, Setup & Operations, Lathe Programming, Setup & Operations, Lathe II, Mill II | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | HEM Vertical Saw, Flow Water Jet, Zeiss Calypso Basic & Advanced Courses completed | 3-Axis CNC Milling Machine Setup (Classic & GUI control)|Certified SolidWorks Professional (CSWP).

Randall Uerkvitz
Machining Teaching Assistant III
Mastercam CPgmM, Mill Design and Toolpaths & Programmer certified | NIMS Level 1 and CNC certifications: Job Planning, Benchwork & Layout, Measurement, Materials & Safety, Mills Programming, Setup & Operations | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Amada ENSIS 3015 AJ Fiber Operator/Program, Amada FOM2 laser certified | Certified SolidWorks Professional (CSWP).

Miguel Carrillo
Machining Teaching Assistant II
Mastercam 2D Mill certification | NIMS Level 1 and CNC certifications: Job Planning, Benchwork & Layout, Measurement, Materials & Safety, Mills Programming, Setup & Operations, Lathe Programming, Setup & Operations, Lathe II, Mill II | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | 3-Axis CNC Milling Machine Setup (Classic & GUI control) | Flow Water Jet & Zeiss Calypso Basic Courses completed |Certified SolidWorks Professional (CSWP).

Kaleb Cole
Machining Teaching Assistant II

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Mastercam 2D Mill certification | NIMS Level 1 and CNC certifications: Job Planning, Benchwork & Layout, Measurement, Materials & Safety, Mills Programming, Setup & Operations, Lathe Programming, Setup & Operations, Lathe II, Mill II | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Zeiss Calypso Basic Course completed | GD&T GeoTol Pro course completed | Certified SolidWorks Professional (CSWP).

Jacob Nichols
Machining Teaching Assistant II
Mastercam 2D Mill certification | NIMS Level 1 and CNC certifications: Job Planning, Benchwork & Layout, Measurement, Materials & Safety, Mills Programming, Setup & Operations, Lathe Programming, Setup & Operations, Lathe II, Mill II | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Zeiss Calypso Basic Course completed | Certified SolidWorks Professional (CSWP).

Anthony Flatt
Machining Teaching Assistant
10 years Machining experience | Mastercam Core certified | NIMS Level 1 and CNC certifications: Job Planning, Benchwork & Layout, Measurement, Materials & Safety, Mills Programming, Setup & Operations, Lathe Programming, Setup & Operations, Lathe II, Mill II | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Certified SolidWorks Professional (CSWP).

Marc Dayton
Machining Teaching Assistant
Mastercam Core & 2D Mill certifications | NIMS Level 1 and CNC certifications: Job Planning, Benchwork & Layout, Measurement, Materials & Safety, Mills Programming, Setup & Operations, Lathe Programming, Setup & Operations, Lathe II, Mill II | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments |Certified SolidWorks Associate (CSWA).

Lyle Palm
Dean of Welding & Head of Facilities
43 years of Welding experience | AWS Welding Educator & Inspector | High-Pressure Intensifier and Maintenance FlowXpert Programming and Waterjet Operation certified | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments.

Carmen Spratt
Office Administrator

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Vanessa Gaba
Administrative Assistant

Richard Aguirre
Custodian

James Edwards
Custodian

Warren Perrin
Deputy Director of Projects

Jim Fitzgerald
Lead Instructor of Welding
Six Sigma Green Belt | Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I| Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on following equipment: OFC (Track and Manual Torch), Plasma Cutting (Manual Torch)

Derek Beecher
Welding Instructor
10 years welding experience | Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I & II, Welding Fundamentals I, II & III, Destruction Testing, and The Science of Nondestruction testing | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on following equipment: Plasma Cutting (Manual Torch) and Forklift| Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified | NC3 Torque and Meter (Snap-On) | FlowMaster Programming and Waterjet Operation | Completed Fabricators and Manufactures Association online courses: Fundamentals of Press Break Operations, Blueprints & Part Layout, Hand Tools for Precision Sheet Metal Operators, Introductions to Lasers, Introductions to Tube and Pipe Bending Operations, Math Calculations for Sheet Metal Fabrication, Sales Representative Certificate Course, Shearing Basics, and The Basics of Hole Punching.

Shafer Bark
Welding Instructor
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, Fabrication Math I & II, Welding Fundamentals I, II & III, Metallurgy 1: Fundamentals, Metallurgy II, Destructive Testing, and The Science of Nondestructive testing, Economics of Welding| Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle,

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Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on following equipment: Horizontal Bans Saw (Scotchman and DoALL), Hydraulic Power Shear (Betenbender) | Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified |FlowMaster Programming and Waterjet Operation certification | Forklift certified | AWS Certification for Welding Educators and Welding Inspectors | NC3 Torque and Meter (Snap-On) | Completed Fabricators and Manufactures Association online courses: Fundamentals of Press Break Operations, Blueprints & Part Layout, Hand Tools for Precision Sheet Metal Operators, Introductions to Lasers, Introductions to Tube and Pipe Bending Operations, Math Calculations for Sheet Metal Fabrication, Sales Representative Certificate Course, Shearing Basics, and The Basics of Hole Punching.

Seth Sepulveda
Welding Teaching Assistant III
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I & II, Welding Fundamentals I & II, Metallurgy: Fundamentals| Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified | Qualified on following equipment: Hydraulic Power Shear (Betenbender), OFC (Track and Manual Torch), Plasma Cutting (Manual Torch) | Forklift certified |AWS Welding Inspector | NC3 Torque (Snap-On) & NC3 Meter Course | Water Jet Flow qualified.

Dakota Monroe
Welding Teaching Assistant II
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, Fabrication Math I & II, Welding Fundamentals I & II, Metallurgy 1: Fundamentals, Destructive Testing, and The Science of Nondestructive testing| Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on following equipment: Hydraulic Power Shear (Betenbender), OFC (Track and Manual Torch), Plasma Cutting (Manual Torch) | Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified |FlowMaster Programming and Waterjet Operation certification | Forklift certified

Sean Weaver
Welding Teaching Assistant II
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I| Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on

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following equipment: Hydraulic Power Shear (Betenbender), OFC (Track and Manual Torch), Plasma Cutting (Manual Torch) | Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified | Forklift certified | NC3 Torque and Meter (Snap-On).

Bethany Prescott
Welding Teaching Assistant
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I| Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified |Qualified on following equipment: Hydraulic Power Shear (Betenbender), OFC (Track and Manual Torch), Plasma Cutting (Manual Torch) | Forklift certified | Oxy-acetylene Fuel Cutting Manual Torch operator.

Johan Burgos
Welding Teaching Assistant
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I| Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on following equipment: Hydraulic Power Shear (Betenbender), OFC (Track and Manual Torch), Plasma Cutting (Manual Torch) | Forklift certified

Monique Carrasco
Welding Teaching Assistant
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I & II, Welding Fundamentals I & II, Metallurgy I: Fundamentals| Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on following equipment: Hydraulic Power Shear (Betenbender), OFC (Track and Manual Torch), Plasma Cutting (Manual Torch) | Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified |Forklift certified

Iris Wilkins
Welding Teaching Assistant
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I| Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on following equipment: Horizontal Band Saw (Scotchman and DoALL), Hydraulic

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Power Shear (Betenbender), OFC (Track and Manual Torch), Plasma Cutting (Manual Torch) | Forklift certified

Keith Winslett
Welding Teaching Assistant
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I & II, Welding Fundamentals I & II, Metallurgy I: Fundamentals | Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on following equipment: Horizontal Band Saw (Scotchman and DoALL), Hydraulic Power Shear (Betenbender), OFC (Track and Manual Torch), Plasma Cutting (Manual Torch) | Forklift certified

Robert Fisher Jr
Welding Teaching Assistant
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I| Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on following equipment: Hydraulic Power Shear (Betenbender), OFC (Track and Manual Torch), Plasma Cutting (Manual Torch) | Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified | Forklift certified

Hector Guerra
Welding Teaching Assistant
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I | Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on following equipment: Hydraulic Power Shear (Betenbender), OFC (Track and Manual Torch), Plasma Cutting (Manual Torch)

Victor Geraci
Welding Teaching Assistant
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I | Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on following equipment: Hydraulic Power Shear (Betenbender), OFC (Track and Manual Torch), Plasma Cutting (Manual Torch)

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Elijah Morales
Welding Teaching Assistant
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I | Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on following equipment: OFC (Track and Manual Torch), Plasma Cutting (Manual Torch)

Salvador Benavidez-Gonzalez
Welding Teaching Assistant
Completed AWS online training: Welding Safety, WPS/PQR Explained, Understanding Welding Symbols, and Fabrication Math I | Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) sheet and pipe qualified | Possess Starrett NC3 certifications for Precision Instruments: Tape and Rule, Gage, Angle, Micrometer, Caliper, and Dial Gage Measurement instruments | Qualified on following equipment: Hydraulic Power Shear (Betenbender), OFC (Track and Manual Torch), Plasma Cutting (Manual Torch)

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