



## 2024 Technical Training Guide

## Make Your Mark in Welding With a Hand from Lincoln Electric

Founded in 1895, Lincoln Electric has been a leader and innovator in the design and production of arc welding equipment and consumables since the beginning of the welding industry. Headquartered in Cleveland, Ohio, we are also a worldwide leader in robotic arc welding systems as well as plasma and oxyfuel cutting equipment.

With over a century of leadership in welding education, our education team is committed to your career success.

- » The Lincoln Electric Welding Technology & Training Center (WTTC) is a world-class training facility for welders and those who train welders, filled with the latest in booth and classroom equipment and practices.
- » Our expert instructors are trained to instruct you on the science and the practice of welding, so that you understand why you perform a particular weld and how best to do it.
- » Our Comprehensive program covers every primary arc welding process and material type as well as oxyfuel and plasma cutting, preparing you to tackle a number of welding certifications.
- » Our programs extend to seminars and workshops for professional development.
- » Custom Training is available to any company's production team to learn about new technologies and equipment or master a weld for qualification.

Join the elite welders who pass through our training programs each year, prepared to face the challenges of the welding and fabrication industry.



## **Overview of Welding School**

#### School Offering

Lincoln Electric operates the longest-running welding school in the world. Founded in 1917, the school has taught over 150,000 students from the United States and abroad. Our professional staff instructors bring a wealth of knowledge and experience to every classroom and lab experience.

Lincoln Electric's Welding School offers a variety of classes, from a six-week Basic SMAW course to an advanced sixteen-week Comprehensive Program, as well as one-week classes on specific welding processes, certification or customized programs. **Unless indicated otherwise, courses are held 8:00 a.m. - 4:00 p.m. daily, 4 days per week (Monday-Thursday) and 48 weeks per year.** 

Students spend about 40% of their time in the classroom and 60% in the booth learning to weld. The instructor-to-student ratio is kept low to provide plenty of individual guidance. A large supply of steel plate is provided so students spend all their time learning to weld, not cutting and preparing practice coupons.

#### Benefits of Attending

Learn welding from a proven industry leader and operator of the longest continually operating welding training program in the world.

- » Train at a major hub for welding research and development at Lincoln Electric's global headquarters campus.
- » Practice on the most advanced welding equipment and the best consumables in the industry.
- » Work with highly trained and qualified instructors committed to your success.
- » Learn and practice in a safe working environment. Receive a Lincoln Electric Welding School graduation certificate upon successfully completing the course. Combine your new welding skills with Lincoln Electric's reputation for producing quality students to improve your chances of landing a great welding job.
- » All classes are conducted at the Lincoln Electric Welding Technology & Training Center in Cleveland, Ohio.
- » Classes begin each day at 8:00 a.m.
- » Prices, policies and dates listed in this guide are subject to change. Please check current prices and class dates at: http://classes.lincolnelectric.com





## **Office Staff**

Scott Strawn	Director, Global Applications and Education
Charlie LaRiche	Supervisor, Welding Instructor
Keith Anderle	Student Information System Administrator
Heather Shadle	Educational Services Coordinator



Kelly Bean



Michael Khalil

## Welding Instructors



Vince Casella



Charlie LaRiche



Scott Galippo



Bill Miller



## Online Course Registration http://classes.lincolnelectric.com

#### **Registration Information**

Register online for all Lincoln Electric training courses, including Professional Seminars, Distributor Training Programs, Service School Courses, Robotic Training Courses, and Welding School Courses.

#### How To Register

Register for all courses with a few simple steps: Go to the Lincoln Electric website at www.lincolnelectric.com.

- 1. Click EDUCATION from the home page and select TRAINING PROGRAMS
- 2. Select WELDING CLASSES & SEMINARS
- 3. Select WELDING SCHOOL, SEMINARS/WORKSHOPS, DISTRIBUTOR TRAINING or SERVICE SCHOOL
- Select a course

#### **Registration and Payment Questions?**

Contact the Lincoln Electric Education Team Phone: +1 (844) 818-6038 Email: weldtraining@lincolnelectric.com

#### Service School Questions?

Contact Carmen Becker Phone: +1 (216) 838-2310 Email: carmen\_becker@lincolnelectric.com

#### International Training Questions?

Contact Customer Experience: Email: customer\_experience@lincolnelectric.com

#### Automation School Questions?

Phone: +1 (888) 935-3878 Class dates are subject to change or cancellation. Visit <u>https://www.lincolnelectric.com/en/ Education/Training-Programs/Corporate/Robotic-Automation-Training</u> for current class dates.

#### Hours and Safety

Welding School 8:00 a.m. - 4:00 p.m. (Doors open at 7:30 a.m.)

All participants will be required to wear ankle-high leather shoes with safety toes and safety glasses with sideshields. All participants supply their own welding gear and hand tools. Comprehensive students receive a complete welding gear, tools and books package (valued at over \$500.00).

#### Equipment - Welding School

Lockers are provided. The school is not responsible for articles left in lockers.

All other equipment is the responsibility of the student. Students should furnish any personal hand tools such as a flashlight and Channellock<sup>®</sup> pliers. Personal protective welding gear such as helmets, lenses, gloves, leathers and caps are available in the school store via credit card at special student prices.



## **COMP - 16 Week** Comprehensive Program

#### Course Description 480 Clock Hours, 48 CEUs

Designed to instruct welders in arc welding safety and all of the common welding processes. The course lasts 16 weeks and involves more than 400 hours of hands-on instruction. Ready-Pak<sup>®</sup> PPE gear is included and provided on the first day of class.

Duration: 16 Weeks Course Fee: \$9,840.00 Time: Mon-Thurs 8:00 a.m.-4:00 p.m. Registration Fee: \$125.00

**Requirements:** Please review the requirements listed in the 2024 Lincoln Electric Welding Technology and Training Center Course Catalog or on the registration site.



#### Course Dates:

COMP\_24\_01 1/15/2024 - 5/2/2024 COMP\_24\_02 3/4/2024 - 6/20/2024 COMP\_24\_03 4/29/2024 - 8/15/2024 COMP\_24\_04 7/15/2024 - 10/31/2024 COMP\_24\_05 8/26/2024 - 12/19/2024

## **API Pipe**

#### Course Description

#### 180 Clock Hours, 18 CEUs

Designed to introduce welders to the Shielded Metal Arc Welding (SMAW) process of welding pipe to meet the API (vertical down) welding code, students are taken from basic pipe welding methods to advanced pipe welding techniques relating to butt joints using cellulosic and low-hydrogen electrodes in accordance with API 1104 code. During advanced instruction, students will work with with schedule 40, 12-inch pipe. Lasting 6 weeks, this course provides 180 hours of booth instruction, lecture and practice. Upon completion of this course, students should have developed the skills for a career in the API piping industry.

**Prerequisite:** Before entering this class, students must have experience in welding and make passing welds on a sample test plate that includes vertical and overhead welds with E6010 and E7018 electrodes.

Duration: 6 Weeks Course Fee: \$3,870.00 Time: Mon-Thurs 8:00 a.m.-4:00 p.m. Registration Fee: \$125.00

**Requirements:** Please review the requirements listed in the 2024 Lincoln Electric Welding Technology and Training Center Course Catalog or on the registration site.

#### Course Dates:

API\_24\_01 3/4/2024 - 4/11/2024 API\_24\_02 8/19/2024 - 9/26/2024





## ASME Pipe

#### Course Description 180 Clock Hours, 18 CEUs

Designed to introduce welders to the Shielded Metal Arc Welding (SMAW) process of welding pipe to meet the ASME (vertical up) welding code, students are taken from basic pipe welding methods to advanced pipe welding techniques relating to the welding of the root & hot pass done with the Gas Tungsten Arc Welding (GTAW) process. Fill & cap passes may be done, based on the student's ability, with low-hydrogen stick electrode. During advanced instruction, students will be working with schedule 40 and 80, 6-inch pipe and 2-inch schedule 80. Lasting 6 weeks, this course provides 180 hours of booth instruction, lecture and practice. Upon completion of this course, students should have developed skills for careers in the pressure vessel piping fields.

**Prerequisite:** Before entering this class, students must have experience in welding and make passing welds on a sample test plate that includes vertical and overhead welds with E6010 and E7018 electrodes.

Duration: 6 Weeks Time: Mon-Thurs 8:00 a.m.-4:00 p.m. Course Fee: \$3,870.00 Registration Fee: \$125.00

**Requirements**: Please review the requirements listed in the 2024 Lincoln Electric Welding Technology and Training Center Course Catalog or on the registration site.

#### Course Dates:

ASME\_24\_01 3/4/2024 - 4/11/2024 ASME 24 02 8/19/2024 - 9/26/2024





## INTRO101 Introduction to Welding

#### Course Description 30 Clock Hours, 3.0 CEUs

Designed to instruct welders in welding safety and welding techniques utilizing various processes like Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Gas Tungsten Arc Welding (GTAW) and plasma cutting.

Duration: 4 Days Time: Mon-Thurs. 8:00 a.m. - 4:00 p.m. Course Fee: \$950.00 Registration Fee: \$50.00

**Requirements**: Please review the requirements listed in the 2024 Lincoln Electric Welding Technology and Training Center Course Catalog or on the registration site.

#### Course Dates:

INTR0101\_24\_01 1/15/2024 - 1/18/2024 INTR0101\_24\_02 3/18/2024 - 3/21/2024 INTR0101\_24\_03 5/20/2024 - 5/23/2024 INTR0101\_24\_04 8/19/2024 - 8/22/2024 INTR0101\_24\_05 10/14/2024 - 10/17/2024 INTR0101\_24\_06 12/9/2024 - 12/12/2024



## SMAW 101 Introduction to Basic Plate & Sheet Metal Arc Welding

#### Course Description 30 Clock Hours, 3.0 CEUs

Designed to instruct welders in welding safety with an overview of basic weld symbols, SMAW electrode types and selection, classification of electrodes, power sources and polarity. There will be discussions on advantages and limitations of electrodes as well as different welding techniques. Welding will take place on various mild steel thicknesses in all positions.

Duration: 4 Days Course Fee: \$950.00 Time: Mon-Thurs. 8:00 a.m. - 4:00 p.m. Registration Fee: \$50.00

**Requirements**: Please review the requirements listed in the 2024 Lincoln Electric Welding Technology and Training Center Course Catalog or on the registration site.

#### Course Dates:

SMAW101\_24\_01 2/19/2024 - 2/22/2024 SMAW101\_24\_02 7/8/2024 - 7/11/2024 SMAW101\_24\_03 11/11/2024 - 11/14/2024





## **GMAW101** Gas Metal Arc Welding – Semiautomatic

#### Course Description 30 Clock Hours, 3.0 CEUs

Designed to instruct welders in welding safety and the Gas Metal Arc Welding process (GMAW/MIG). The course lasts one week, involving approximately 30 hours of booth instruction, lecture and practice.

#### Duration: 4 Days Time: Mon-Thurs. 8:00 a.m. - 4:00 p.m. Course Fee: \$950.00 Registration Fee: \$50.00

**Requirements**: Please review the requirements listed in the 2024 Lincoln Electric Welding Technology and Training Center Course Catalog or on the registration site.

#### Course Dates:

GMAW101\_24\_01 1/22/2024 - 1/25/2024 GMAW101\_24\_02 3/25/2024 - 3/28/2024 GMAW101\_24\_03 6/3/2024 - 6/6/2024 GMAW101\_24\_04 8/5/2024 - 8/8/2024 GMAW101\_24\_05 11/18/2024 - 11/21/2024



## GTAW101 Gas Tungsten Arc Welding

#### Course Description 30 Clock Hours, 3.0 CEUs

Designed to instruct welders in welding safety and the Gas Tungsten Arc Welding process (GTAW/TIG). The course lasts one week, involving approximately 30 hours of booth instruction, lecture and practice.

Duration: 4 Days Time: Mon-Thurs. 8:00 a.m. - 4:00 p.m. Course Fee: \$950.00 Registration Fee: \$50.00

**Requirements**: Please review the requirements listed in the 2024 Lincoln Electric Welding Technology and Training Center Course Catalog or on the registration site.

#### Course Dates:

GTAW101\_24\_01 1/29/2024 - 2/1/2024 GTAW101\_24\_02 4/1/2024 - 4/4/2024 GTAW101\_24\_03 5/13/2024 - 5/16/2024 GTAW101\_24\_04 6/24/2024 - 6/27/2024 GTAW101\_24\_05 8/26/2024 - 8/29/2024 GTAW101\_24\_06 10/28/2024 - 10/31/2024





#### Course Description 30 Clock Hours, 3.0 CEUs

Designed to instruct welders in torch safety, torch welding, brazing and cutting, carbon arc gouging and repair, metallurgy, SMAW-stainless steel, welding dissimilar metals, cast iron repair, and hardfacing.

Duration: 4 Days Time: Mon-Thurs. 8:00 a.m. - 4:00 p.m. Course Fee: \$1000.00 Registration Fee: \$50.00

**Requirements**: Please review the requirements listed in the 2024 Lincoln Electric Welding Technology and Training Center Course Catalog or on the registration site.

#### Course Dates:

ALLOY101\_24\_01 5/6/2024 - 5/9/2024 ALLOY101 24 02 10/7/2024 - 10/10/2024

## FCAW101 Flux-Cored Arc Welding

#### Course Description 30 Clock Hours, 3.0 CEUs

Designed to instruct welders in welding safety and the Flux-Cored Arc Welding process (FCAW) for both self-shielded (Innershield<sup>®</sup>) and gas-shielded (Outershield<sup>®</sup> and UltraCore<sup>®</sup>) methods.

Duration: 4 Days Time: Mon-Thurs. 8:00 a.m. - 4:00 p.m. Course Fee: \$950.00 Registration Fee: \$50.00

**Requirements**: Please review the requirements listed in the 2024 Lincoln Electric Welding Technology and Training Center Course Catalog or on the registration site.

#### Course Dates:

FCAW101\_24\_01 2/26/2024 - 2/29/2024 FCAW101\_24\_02 6/17/2024 - 6/20/2024 FCAW101\_24\_03 11/18/2024 - 11/21/2024







## MTRS301 Motorsports – Basic Materials Program

It is highly recommended that students have GMAW and GTAW experierence prior to enrolling in this course.

#### What Is It?

#### 30 Clock Hours, 3.4 CEUs

Five-day technical program limited to 18 attendees that is approximately 30% classroom and 70% hands-on.

The primary focus of this course is on basic motorsports materials and applications (GMAW, GTAW, Oxyfuel, and Plasma Cutting) including aluminum and stainless steel. In addition to these concepts, new technologies will be introduced, which include

Waveform Control Technology® and Precision TIG® technology.

Duration: 5 Days Time: Mon-Thurs. 8:00 a.m. - 4:00 p.m. Fri. 8:00 a.m. - Noon Course Fee: \$1,440.00 Registration Fee: \$100.00



**Requirements:** Please review the requirements listed in the 2024

Lincoln Electric Welding Technology and Training Center Course Catalog or on the registration site.

#### Course Dates:

MTRS301\_24\_01 1/15/2024 - 1/18/2024 MTRS301\_24\_02 3/4/2024 - 3/7/2024 MTRS301\_24\_03 7/8/2024 - 7/11/2024 MTRS301\_24\_04 11/4/2024 - 11/7/2024

## MTRS302 Motorsports – Advanced Materials Program

It is highly recommended that students attend the Motorsports Basic Materials Program course (MTRS301) and have prior GTAW experience prior to enrolling in this course.

#### What Is It?

#### 30 Clock Hours, 3.4 CEUs

Five-day technical program limited to 18 attendees that is approximately 30% classroom and 70% hands-on.

The primary focus is on advanced motorsports materials and applications utilizing the Gas Tungsten Arc Welding (GTAW) process including materials like chrome-moly, Inconel®, magnesium and titanium. In addition to these concepts, new technologies will be introduced, which include Waveform Control Technology® and Precision TIG® technology.

### Duration: 5 Days

Time: Mon-Thurs. 8:00 a.m. - 4:00 p.m. Fri. 8:00 a.m. - Noon Course Fee: \$1,440.00 Registration Fee: \$100.00

**Requirements**: Please review the requirements listed in the 2024 Lincoln Electric Welding Technology and Training Center Course Catalog or on the registration site.

#### Course Dates:

MTRS302_24_01	1/22/2024 - 1/25/2024
MTRS302_24_02	3/11/2024 - 3/14/2024
MTRS302_24_03	7/15/2024 - 7/18/2024
MTRS302_24_04	11/11/2024 - 11/14/2024





## METAL101 Weekend With Metal

#### Course Description 12 Clock Hours, 1.2 CEUs

Join welders of all skill levels in a safe, relaxed atmosphere and take advantage of an affordable opportunity to learn the basics of welding. Instruction covers Safety, Shielded Metal Arc Welding (SMAW/stick) and Gas Metal Arc Welding (GMAW/MIG).

Duration: 2 Days (Sat/Sun) Time: 8:00 a.m. - 3:00 p.m. Course Fee: \$350.00 Registration Fee: \$50.00

#### Requirements:

No experience necessary. All personal protective equipment (including safety glasses, welding jacket, gloves and helmet) will be provided by Lincoln Electric for use during the class. Participants must wear their own steel-toe boots, long sleeve cotton shirts and long pants (no shorts or capris permitted). Participants must be 18 years old or older.



#### Course Dates:

METAL101_24_01	4/27/2024 - 4/28/2024
METAL101_24_02	7/20/2024 - 7/21/2024
METAL101_24_03	9/21/2024 - 9/22/2024
METAL101_24_04	11/2/2024 - 11/3/2024

## GTAW104 - Weekend Gas Tungsten Arc Welding

#### Course Description 12 Clock Hours, 1.2 CEUs

Designed to instruct welders in GTAW (TIG) welding safety and basic GTAW process fundamentals. Welding will be taught on mild steel and aluminum. Welding consists of edge, corner, lap and fillet welds. Welding is limited to thin material, which does not include pipe, open roots or thick plate.

Duration: 2 Days (Sat/Sun) Time: 8:00 a.m. - 3:00 p.m. Course Fee: \$350.00 Registration Fee: \$50.00

#### Requirements:

No experience necessary. All personal protective equipment (including safety glasses, welding jacket, gloves and helmet) will be provided by Lincoln Electric for use during the class. Participants must wear their own steel-toe boots, long sleeve cotton shirts and long pants (no shorts or capris permitted). Participants must be 18 years old or older.



#### Course Dates:

GTAW104\_24\_01 6/29/2024 - 6/30/2024



## AWS Accredited Testing Facility (ATF) Welder or Welding Operator Qualification Testing

#### **Qualification Testing**

We are proud to offer Qualification Testing through the Lincoln Welding Technology and Training Center. This testing is to evaluate the skill set of the test applicant. No weld training will be provided by the testing facility. All test applicants should arrive ready to test. The cost of the testing includes all materials required, the use of equipment as needed, along with some practice material.

#### **Certification Testing**

As an Accredited Testing Facility, we are authorized to perform welder or welding operator testing and offer AWS Certifications which are nationally recognized through the AWS National Registered Database. These tests are identical to the Qualifications tests listed above, but allow the test applicant to be entered into the AWS Database as a Certified Welder. There is an additional \$75 fee for AWS Certifications.

#### Tests can be conducted using any of the following:

- » SMAW
- » GMAW
- » FCAW
- » GTAW
- » SAW

#### Testing and certifications can also be tested in accordance with any globally recognized welding codes:

- » AWS D1.1 Structural Steel
- » AWS D1.2 Aluminum
- » AWS D1.3 Sheet Steel
- » AWS D1.5 Bridge
- » AWS D1.6 Stainless
- » ASME Sec IX Pressure Vessel
- » API 1104 Pipelines
- » CWB Canadian Welding Bureau
- » ISO International Standards
- » And More

#### Training/Certification/Qualification

The Lincoln Electric Welding Technology and Training Center can meet your needs for customized training and/or certification at Lincoln Electric Corporate Headquarters in Cleveland, Ohio or at your particular location.

**Requirements**: Please review the requirements listed in the 2024 Lincoln Electric Welding Technology and Training Center Course Catalog or on the registration site.

Students will receive testing discounts.

**3/8" AWS Limited Thickness Testing** Qualification: \$425.00

**1.00" AWS Unlimited Thickness Testing** Qualification: \$475.00

GMAW or GTAW Fillet Weld Testing on 10-18 gauge Oualification: \$275.00

**Pipe Welding Test** Qualification: \$525.00



Contact Our Testing Facility at: +1 (216) 383-4865 or email us at: ATF@LincolnElectric.com





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## TTS401 Design of Welded Connections: Steel Structures

#### 35 Clock Hours, 3.5 CEUs

This seminar is for individuals who design steel structures, such as buildings, bridges and towers. Attendees typically include structural engineers and others associated with welded structures, such as fabricators, erectors and inspectors. AISC 360 and AWS D1.1 standards are used to support the engineering principles presented in the course. Connections subject to static, cyclic and seismic loading are reviewed. Specific topics include the following:

- » Weld Process Basics
- » Basics of Welded Connections
- » Details of Welded Connections
- » Principles of Connection Design
- » Welded Connections for Cyclic Service
- » Welded Connections for Seismic Service
- » How to Achieve Ductile Behavior
- » Distortion: Causes and Cures
- » Welding Metallurgy: Why Connections Crack and Tear

#### Duration: 4.5 Days

Time: Mon.-Thurs. 8:00 a.m. - 5:00 p.m. Fri. 8:00 a.m. - Noon Course Fee: \$1,440.00

Registration Fee: \$100.00

#### Steel Structures Course Dates:

TTS401\_24\_01 7/29/2024 - 8/2/2024

- "Listen to the Steel": (Learning From Failures)
- » Fracture Mechanics: Theory and Practical Applications
- Practical Solutions to Common Construction Challenges
- » Cost Reduction Ideas
- » Welding Demonstration
- » Plant Tour



## TTS402 Design of Welded Connections: Steel Weldments

#### 35 Clock Hours, 3.5 CEUs

This seminar is for individuals who design equipment used for construction, agriculture, material handling and other general purposes. Attendees typically include design engineers and those associated with the production of steel weldments, such as manufacturing and welding engineers. AWS D14 standards are used to support the engineering principles presented in the course. Connections subject to static, cyclic and shock loading are reviewed, with concentrated emphasis on cyclic loading (fatigue). Specific topics include the following:

- » Weld Process Basics
- » Basics of Welded Connections
- » Details of Welded Connections
- » Principles of Connection Design
- » Theory of Fatigue of Welded Connections
- » Design of Fatigue-Resistant
  Welded Connections
- » Designing for Shock Loading
- » Designing for Torsional Loading

#### Duration: 4.5 Days

Time: Mon.-Thurs. 8:00 a.m. - 5:00 p.m. Fri. 8:00 a.m. - Noon

**Course Fee:** \$1,440.00 **Registration Fee:** \$100.00

#### Steel Weldments Course Dates:

TTS402\_24\_01 4/29/2024 - 5/3/2024 TTS402\_24\_02 10/21/2024 - 10/25/2024

## BTB301 Beyond The Booth Instructor Course

#### Who Is It For?

#### 31 Clock Hours, 3.1 CEUs

This course is designed for new welding instructors entering the classroom for the first time. Current welding instructors will also benefit from learning new instructional techniques and ways to engage students at a higher level.

#### What Is It?

A five-day course limited to 48 participants that will be taught by both current welding instructors and guest instructors.

This course will cover curriculum design, lesson plan development, lab management, presentation skills, classroom management and more. The course is intended for new welding instructors at both the high school and community college levels. Participants will leave this workshop with the tools for a successful year teaching welding education.

Duration: 5 Days Time: Mon.-Thurs. 8:00 a.m. - 4:00 p.m. Fri. 8:00 a.m. - Noon Course Fee: \$1,440.00 Registration Fee: \$100.00

**Course Dates:** BTB301\_24\_01 6/3/2024 - 6/7/2024



- » Distortion: Causes and Cures
- Welding Metallurgy: Why Connections Crack and Tear
- "Listen to the Steel": (Learning From Failures)
- » Cost Reduction Ideas
- » Welding Demonstration
- » Plant Tour





## Welding Educators Workshop

#### Who Is It For?

This curriculum is geared towards the welding instructors who want to take welding education to the next level by providing industry recognized certifications for their students.

#### What Is It?

This program is a 4.5 day seminar. The workshop is limited to 24 attendees. By utilizing the LEEPStart<sup>™</sup> / NC3 course curriculum, the focus is on instructor certification. Performance welds in SMAW, GMAW, FCAW and GTAW processes will be performed and assessed to increase and verify instructor competencies and knowledge related to technical and practical principles of welding. This course is approximately 60% classroom and 40% hands-on. A personal laptop computer is required.

#### WEW301 - Welding Educator's Workshop 35 Clock Hours, 3.5 CEUs

This course will focus on utilizing new technologies to increase teacher competencies and knowledge related to welding and classroom principles.

#### Code: WEW301

Duration: 4.5 Days Time: Mon.-Thurs. 8:00 a.m. - 5:00 p.m. Fri. 8:00 a.m. - Noon Course Fee: \$1,190.00 Registration Fee: \$100.00

#### Course Dates:

WEW301\_24\_01 6/17/2024 - 6/21/2024









## **Welding School Policy**

#### Introduction

Welcome to the Lincoln Electric Welding School. We know you have many options when choosing a welding school and we thank you for choosing ours. Please review the policies of our institution on the following pages. All policies listed apply to students enrolled in our programs at the Lincoln Electric Welding School. Please familiarize yourself with our policies before your first day of class.

If you have any questions regarding our policies or programs, please contact the school by phone +1 (844) 818-6038 or by email weldtraining@lincolnelectric.com.

Nothing in this policy is intended to create a contract, including without limitation a contract of employment, either express or implied. Completion of our program should not be construed as a guarantee of employment placement of any kind.

#### The Lincoln Electric Welding School Mission Statement

To Proactively Provide World Class Leadership and Support for Welding Training through Industry Leading Materials, Programs, Information and Products.

#### Lincoln Electric Welding School Approvals

The Lincoln Electric Welding School is approved by the Ohio State Board of Career Colleges and Schools (School Number: 71-02-0059T) and accredited to provide International Association for Continuing Education and Training (IACET) Continuing Education Units.

#### **Facility Information**

#### Location

Welding Technology & Training Center 22800 Saint Clair Avenue Cleveland, OH 44117

#### Hours (Eastern Time)

Unless otherwise noted, classes are: 8am-4pm Monday-Thursday

#### Instructor Office Hours:

7am-8am Monday-Thursday or by appointment.

#### Tours

Tours are offered by appointment only.

Please call the Lincoln Electric Welding School office at +1 (844) 818-6038 to schedule an appointment. Closed-toe shoes and long pants must be worn.

#### Cafeteria

The cafeteria is available to students Monday through Friday from 7:30 a.m. until 4:00 p.m.

#### Welding Lab

The welding lab is available to students ONLY during class hours. The fume control system will be turned off before class, after class and during lunch. Students are not allowed to weld or grind when the fume control system is off. Welding is only allowed in authorized areas as indicated by the instructor.

Students are prohibited from bringing the following into the welding lab:

- · Headphones / ear buds
- Food
- · Beverage in an open container

#### Student IDs

Student IDs will be issued on the first day of class. The ID allows a student entry to the Lincoln Electric Welding School and must be displayed at all times. On the last day of class, IDs must be returned to the instructor or the student will not receive a certificate of completion. Lost IDs must immediately be reported to the Security Desk. Students will be charged \$25 for a replacement ID.

#### Parking

Students will receive a temporary parking pass on the first day of class. Parking passes should be placed on the dashboard of your vehicle, visible to security. The Lincoln Electric Welding School is not responsible for damage to a vehicle, theft of the vehicle or any part of the vehicle, or loss of personal items from the vehicle while in the parking lot.



#### Holidays

The Lincoln Electric Welding School is closed on the following holidays:

- New Year's Eve/New Year's Day
- Good Friday
- Memorial Day
- 4th of July
- Labor Day
- Thanksgiving Day
- Christmas Eve/Christmas Day

During holiday weeks, the normal class hours will be extended. The Lincoln Electric Welding School will close for the last two weeks of December.

#### **Course/Program Cancellation Policy**

The Lincoln Electric Welding School retains the right to cancel courses/programs when the course/program does not achieve the minimum enrollment. If a course/program is cancelled by the Lincoln Electric Welding School for failure to meet minimum enrollment, the student will be notified two weeks before the course/program start date. All tuition and fees paid by the student will be refunded within 30 calendar days of the cancellation.

Force Majeure: The Lincoln Electric Welding School also retains the right to postpone, interrupt or cancel courses/programs for any reason, including for causes beyond its reasonable control. These causes include, but are not limited to, Acts of God, fire, power, epidemics, pandemics, labor difficulties, compliance with government laws or regulations, embargo, tariffs, changes in market conditions, delays or shortages in transportation or inability to obtain necessary labor, Raw Materials, or manufacturing facilities from usual sources, equipment failure, or from defects or delays in the performance of its suppliers or subcontractors due to any of the foregoing enumerated causes. Upon the occurrence of any event or circumstance referenced above, The Lincoln Electric Welding School shall have the right to continue, postpone, interrupt or cancel courses at its sole discretion. Lincoln Electric will notify students of such cancellation, postponement or interruption as soon as reasonably possible. All tuition and fees paid by the student will be refunded within 30 calendar days of the course/program cancellation if the course/program is cancelled before the start date. Courses/programs cancelled after their start date or students not returning

to an interrupted course/program will be subject to the Lincoln Electric Refund Policy.

#### Non-Discrimination Policy

The Lincoln Electric Welding School prohibits discrimination on the basis of race, color, gender, national origin, ethnicity, religion, age, disability, veteran status, sexual orientation, gender identity or expression, or genetic information, or any other condition or status protected by law. In addition, the School prohibits harassment based on any of these protected categories, including but not limited to sexual harassment. It is the responsibility of the Lincoln Electric Welding School to ensure that all individuals involved in the administration, development and delivery of learning events be familiar with Lincoln Electric's discrimination policy. The School will make reasonable accommodations for individuals with known disabilities or religious needs unless doing so would result in an undue hardship to the School or would create a direct threat of safety to other individuals.

The Lincoln Electric Welding School does not condone or practice discrimination of any kind pertaining to groups or individuals based on these protected categories. This policy applies to all aspects of our programs, including admissions, recruitment, advancement, instruction, evaluation, counseling and financial assistance. Our organization values and respects the dignity and worth of individuals within our academic community. This institution believes in and is committed to equal opportunity based on the fundamental reason that every person is valuable. It is our desire to have appropriate conditions for learning and working so that students can strive to achieve their own optimum potential in the work force and in society as a whole.

Anyone who experiences or witnesses unlawful discrimination or harassment should report their concerns to the Supervisor of Welding Instructor or any instructor or official of the School. The School strictly prohibits retaliation against persons for raising concerns about discrimination, sexual harassment or harassment based on another protected category. Violation of this policy may result in disciplinary action up to and including dismissal.



#### Admission Policy

Admission to the Lincoln Electric Welding School's career training programs are open to anyone with a high school diploma, GED or high school equivalency diploma.

Applicants who have received a high school diploma from an online secondary program or correspondence school may be required to provide transcripts and/or proof that the program is: A) Accredited by accrediting agency recognized by the U.S. Department of Education B) Authorized to offer online or correspondence high school diplomas by the state they are located in.

If an applicant is not accepted into the training program, all monies paid toward their enrollment shall be refunded. Refunds for books, supplies and consumable fees shall be made in accordance with Ohio Administrative Code section 3332-1-10.1.

Students must be 18, or 16 years of age and attending with a parent or guardian, in order to attend a non-career training course. For further information regarding non-career training admission requirements, please see the course descriptions in the catalog.

#### Accessibility Services

Eligible students seeking reasonable accommodations for their classes and/or programs at the Lincoln Electric Welding School must provide the following:

- A written request stating the accommodation they are requesting and why the accommodation is needed
- Recent diagnosis (within the past two-years) of their disability from a physician, psychologist or other qualified professional

Students are responsible for requesting accommodations and providing documentation. Reasonable accommodations will not be provided without documentation. The School will evaluate all requests for accommodations on a case-by-case basis. Questions regarding this process should be directed to the Supervisor of Welding Instructor.

#### Admission Process

#### Classes/Programs:

- 1. Register online at: <u>https://classes.</u> <u>lincolnelectric.com/modules/</u>
- 2. Pay registration fee and tuition during registration
- 3. Student receives a confirmation email\*

4. Student attends first day of class

Please note, students enrolled in Basic Plate and Sheet Metal Welding must complete the Student Consumer Information Orientation on the first day of class.

#### Comprehensive Program:

- 1. Apply on-line at: <u>https://classes.</u> <u>lincolnelectric.com/modules/</u>
- 2. Upload high school transcript during application process
- 3. Pay registration fee and tuition during registration
- 4. Student receives an acceptance email
- Student attends first day of class and completes the Student Consumer Information Orientation

#### Students are advised not to make travel arrangements until their reservation for a course or program has been confirmed.

#### **Dismissal Policy**

A student can be dismissed from a course or program based on academic achievement (poor grades), poor attendance and/or unacceptable behavior. Please see the Grade Policy (page 24), Attendance Policy (page 23) and Personal Conduct (page 26) section for further information.

#### **Readmittance Policy**

A student who is dismissed from the Lincoln Electric Welding School due to grades, attendance or behavior may submit a written petition to the Supervisor of Welding Instructor to be readmitted. Student petitions will be considered on a case-bycase basis and re-admittance will be solely at the discretion of the Supervisor of Welding Instructor.

Readmitted students will be required to complete a Student Improvement Plan with the Supervisor of Welding Instructor. The plan will outline the criteria for the student's continued enrollment in the program/ class. Please note, the criteria for attendance and/ or grades may be more rigorous than the minimum attendance and grades listed in the Attendance and Grades policies. The readmitted student must meet the criteria listed on the Student Improvement Plan or the student will be dismissed from the program/class.

If a student is dismissed a second time from the Lincoln Electric Welding School,





the student will not be allowed to re-enroll in a program/class for twelve consecutive months. After twelve months, the student will be allowed to petition the Supervisor of Welding Instructor for readmittance.

A student will not be considered for readmittance if they owe a balance for a prior course/program taken at The Lincoln Electric Welding School. The student will be required to pay the balance before submitting a written petition.

#### Transfer Credit Policy

Credit(s) granted at another institution cannot be utilized toward the completion of The Lincoln Electric Welding School's Comprehensive Program and/or other courses/programs.

#### Attendance Policy

Attendance will be taken at the start of each class. The Lincoln Electric Welding School attendance policy is driven by the expectations of industry: While 100% attendance is ideal, students must be in attendance for at least 90% of each program or course attempted in order to be awarded a certificate of completion. In the event a student cannot attend class, the student is expected to notify their instructor or the Lincoln Electric Welding School personnel immediately by phone or email or both. Instructors can be notified between the hours of 7:30 a.m. and 4 p.m. Monday through Friday at +1 (844) 818-6038 or by email at weldtraining@lincolnelectric.com.

If a student meets one or more of the following criteria during their enrollment in a Lincoln Electric Welding School course or program, they will be dismissed from their enrolled program:

- The student is absent the first day of a course or program
- The student misses more than 3 hours of a 1 week course
- The student misses more than 6 hours of a 2 week course
- The student misses more than 18 hours of a course/ program that is 6 weeks in length or more
- The student misses more than 10% of any given seminar or customized course
- The student is tardy 3 times during a course/program under 100 hours
- The student is tardy 6 times during a course/program more than 100 hours

The Supervisor of Welding Instructor may grant exceptions to the above policy on a case-by-case basis.

A student who is dismissed from a course/ program due to attendance, grades or behavior will be subject to the Lincoln Electric Welding School Refund Policy.

The last day of attendance will be the official date of dismissal given to the student by the Supervisor of Welding Instructor.

#### **Tardiness and Absences**

Students are expected to be on time for class, upon both arrival in the morning and return from lunch and breaks or they will be considered tardy. Students that miss half or entire instructional day(s) will be considered absent.

Each class will begin promptly at the time specified on the schedule. Students must be inside the classroom and prepared with all needed materials when class starts. During class time, students are expected to stay in the area where instruction is taking place, either in the classroom or welding lab.

Accumulation of time missed through tardiness and/or absence can result in a student being dismissed from a course/ program (See page 23, Attendance Policy).

All time missed from the classroom/lab is recorded in 15-minute increments in a student's attendance record. The following instances are considered absences/tardies:

- · Arriving late to class. (Tardiness)
- Returning late from lunch or breaks. (Tardiness)
- Loitering in areas other than the classroom or welding lab during instructional time. (Absent)
- Not attending a class for half or whole day(s) of instruction. (Absent)

Students who are going to be tardy/absent due to an emergency are expected to notify their instructor or Registration at +1 [844] 818-6038.

The Supervisor of Welding Instructor may grant exceptions to the above policy on a case-by-case basis.

A student who is dismissed from a course/ program due to attendance, grades or behavior will be subject to the Lincoln



Electric Welding School Refund Policy.

The last day of attendance will be the official date of dismissal given to the student by the Supervisor of Welding Instructor.

#### Excused Absence

A student enrolled in a course/program more than 100 clock hours in length who is ill or caring for ill dependents or who has a family emergency or a reasonable justification as to why they could not come to class may be eligible for an excused absence. An excused absence will not count toward the maximum amount of time a student can miss before being dismissed from a program. It is at the Supervisor of Welding Instructor's discretion as to whether a student's absence can be counted as an excused absence. Documentation may be requested when deciding whether or not a student's absence is excused.

- A student cannot utilize an excused absence to miss the first day of class.
- A student can only utilize 2 excused absences (equal to 2 instructional days) in a course more than 100 hours in length.

#### **Missed Assignments**

If a student has an excused absence, it is their responsibility to check with the instructor as to what coursework they missed. Students who have excused absences will be allowed to make up tests and/or graded projects given when they were absent. Students with unexcused absences will not be allowed to make up coursework missed and will be given a zero for the assignment/project or test.

#### Leave Of Absence

Students who require extended leave must provide written notification to the Supervisor of Welding Instructor. Requests for leave will be considered on a case-by-case basis.

#### Grades

During and at the end of each program, written tests and welding samples will be assessed to determine the student's ability to successfully complete and pass each program. Weld samples are tested to AWS, ASME and API welding codes. Written tests are graded on the following scale:

- A = 90 100%
- B = 80 89%
- C = 70 79%
- D = 60 69%
- F = 59% or below

To receive a certificate of completion for attending the Lincoln Electric Welding School, students must maintain a 70% GPA on all coursework. If a student falls below a 70% GPA, they will be dismissed from the program.

The Supervisor of Welding Instructor may grant exceptions to the above policy on a case-by-case basis.

A student who is dismissed from a course/ program due to attendance, grades or behavior will be subject to the Lincoln Electric Welding School Refund Policy.

The last day of attendance will be the official date of dismissal given to the student by the Supervisor of Welding Instructor.

#### **Graduation Requirements**

To receive a certificate of completion from the Lincoln Electric Welding School, students must be in attendance a minimum of 90% of their course or program and maintain a 70% GPA on all coursework.

#### **Tuition and Fees**

Tuition for an individual class includes training handouts, welding consumables and steel practice coupons (also stainless steel and aluminum when applicable). If a student wishes to complete an AWS qualification/ certification, additional charges will apply.

#### Payment

For classes under 300 clock hours, full tuition and fees are due upon registration.

Classes that are more than 300 clock hours are broken into two academic terms, but tuition payments are due in three payments.

- The first payment is due along with the registration fee upon registration.
- The second payment is due after the student has completed 150 clock hours of the program.
- The third payment is due after the student has completed 300 clock hours of the program.

#### Failure to make a payment on time will result in the student being removed from the course/ program.

Payment is due in full if a student withdraws from a course/program that has already begun or is dismissed from a course/ program. Course completion certifications



are not released to students who have a balance on their account nor can they participate in any school sanctioned graduation ceremony.

We accept Visa® and Mastercard®. Any questions regarding payment(s) can be directed to the Lincoln Electric Welding School at weldtraining@lincolnelectric.com or by phone at +1 (844) 818-6038.

#### Policies for Veteran Students Receiving Veteran Educational Benefits Veterans Benefits

Students who qualify for veterans' educational benefits can utilize their benefits to fund The Lincoln Electric Welding School's Comprehensive Program, Basic Plate and Sheet Metal Arc Welding, API Pipe and ASME Pipe classes.

#### Veterans Refund Policy

In the event that veterans or their eligible persons sponsored as students under Chapters 30, 32 and 35 of Title 38 and Chapter 1606 or Title 10 U.S. Code, fail to enter the Program or withdraw or are discontinued therefrom at any time prior to completion, the amount charged for tuition, fees and other charges shall not exceed the approximate pro rata portion of the total charges for tuition, fees and other charges that the length of the non-accredited program bears to its total length. A registration fee of \$10 need not be refundable: any amount beyond that is subject to proration and refund (CFR21.4254(c) (13)). The pro rata portion may not vary more than 10 percent of the total costs for tuition, fees and other charges. A copy of this policy will be provided to all students receiving educational benefits from the Veterans Administration.

#### Veterans Previous Training/Education

Prior training or education will be requested and evaluated.

#### Veterans Attendance Policy\*

Attendance for Veteran students will be taken daily and evaluated every week. Veterans are required to maintain an 80% attendance based on scheduled hours of the program (non-cumulative). A student receiving VA Educational Benefits who has missed 20% of scheduled hours will be dismissed from the program and the VA will be notified. \*All students must meet the attendance policy listed on page 23.

#### Veterans Academic Policy

Students will be evaluated and graded on exams and welded specimens. A student must maintain a 70% average on completed exams and welded specimens (non-cumulative). Academic performance will be evaluated every two weeks. Should a student's GPA fall below 70% during the program, the student will be placed on probation with one week to improve to 70% or better. If there is no improvement after one week, the student will be dismissed. A student receiving VA educational benefits will be dismissed and the VA will be notified. Re-entry into the program will be determined at the director's discretion.

A copy of this policy will be provided to all students receiving educational benefits from the Veterans Administration.

#### Veteran's Non-Penalty Policy

The Lincoln Electric Welding School will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet their financial obligations to the institution due to the delayed disbursement funding from the Department of Veterans Affairs under Chapter 31 or 33.

#### **Right to Cancel Policy**

If a student registers and enrolls in a course, they may drop the course within five calendar days after the date of enrollment. The student must request a drop online through the Lincoln Electric class registration website and a member of the Lincoln Electric Education Team will contact the student within 3 business days to process the request.

If such cancellation is made, the school will promptly refund in full all course and registration fees paid for the course/program and the refund shall be made no later than thirty calendar days after cancellation. This provision shall not apply if the student has already started the course/program.



#### Refund Policy – Tuition Charges in the Event of Withdrawal/Dismissal

Academic terms are measured in increments of 300 clock hours. Any programs less than 300 clock hours in length has one academic term. The Lincoln Electric Welding School Comprehensive Program is 480 clock hours in length, which means it consists of two academic terms. Our refunds for tuition and refundable fees are made by academic term in accordance with the following provisions as established by Ohio Administrative Code section 3332-1-10:

(1) A student who withdraws before the first class and after the 5-day cancellation period shall be obligated for the registration fee. [2] A student who starts class and withdraws before the academic term is 15% completed will be obligated for 25% of the tuition and refundable fees plus the registration fee. [3] A student who starts class and withdraws after the academic term is 15% but before the academic term is 25% completed will be obligated for 50% of the tuition and refundable fees plus the registration fee. [4] A student who starts class and withdraws after the academic term is 25% complete but before the academic term is 40% completed will be obligated for 75% of the tuition and refundable fees plus the registration fee.

(5) A student who starts class and withdraws after the academic term is 40% completed will not be entitled to a refund of the tuition and fees.

The appropriate refund will be made within thirty calendar days of the date the school is able to determine a student has withdrawn or has been dismissed from a course/ program. Refunds shall be based upon the last date of a student's attendance or participation in the course/program.

Any course/program cancelled by the Lincoln Electric Welding School will result in all tuition and fees paid by the student refunded in accordance to the Course/ Program Cancellation Policy on page 21. A student who is dismissed from a course/ program due to attendance, grades, or behavior will be subject to the Lincoln Electric Welding School Refund Policy. The last day of attendance will be the official date of dismissal given to the student by the Supervisor of Welding Instructor.

#### Transfer of Fees

Registration fees are typically nonrefundable

after five days of a student registering; however, they may be transferred to another course/program. An applicant can transfer their registration fee to another course/ program if the school is notified before the first day of their original course/program. The registration is forfeited if the student needs to reschedule a second time or if the student notifies the school of their intent to change class/program after the original course/program has started.

If a student pays a registration fee of a higher dollar amount than the registration fee of the course it was transferred to, the difference will be allocated to the course fee. Example: A student pays a registration fee of \$100 and needs to change the course. The new course registration fee is \$50. The student will have a \$50 credit that will be used for the course fee. If course fee is \$500, the student would have a remaining balance of \$450.

## Data Privacy, Personal Information and Student Records

For information regarding how the Lincoln Electric Welding School collects, uses and discloses a student's personal information, please see our Student Privacy Notice and Policy at: <u>https://www.</u> <u>lincolnelectric.com/en</u>. The Student Privacy Notice and Policy also describes how a student requests access to their student records or authorize the disclosure of such information to a third party.

By providing your personal information to the Lincoln Electric Welding School, you hereby acknowledge, understand and agree to the nature, manner and scope in which we collect, use and disclose your personal information, as set forth in this Student Privacy Policy.

#### Personal Conduct

All participants are expected to conduct themselves in a respectable manner at all times. Misconduct such as fighting, unprofessional behavior, hazing, harassment, actions in violation of our Non-Discrimination Policy, use of illegal drugs or alcohol, or carrying of weapons will not be tolerated and will result in automatic dismissal from the Lincoln Electric Welding School.

Deliberate damage, theft or any vandalism to tools, equipment or facilities will not



be tolerated and will result in automatic dismissal from the Lincoln Electric Welding School. Students responsible for these offenses may be prosecuted.

Not following safety procedures or utilizing equipment in an unsafe manner may also result in dismissal from the Lincoln Electric Welding School.

A student who is dismissed from a course/ program due to attendance, grades or behavior will be subject to the Lincoln Electric Welding School Refund Policy. The last day of attendance will be the official date of dismissal given to the student by the Supervisor of Welding Instructor.

#### Cell Phones and Other Personal Data Devices

Personal data devices and electronics can be utilized for classroom and lab work; however, students may be asked to discontinue use or to leave the class if their personal data devices or electronics are disruptive or distracting.

#### Photo and Recording Policy

Pictures or videos may not be taken anywhere on company property unless approved by the Supervisor of Welding Instructor. In addition, the use of audio recording devices is prohibited.

#### Alcohol and Illegal Substances

Students cannot consume, show evidence of having consumed, possess or use any alcoholic beverages or illegal drug(s) at the Lincoln Electric Welding School or on the surrounding property. Illegal drugs include marijuana regardless of whether the student possesses a valid medical marijuana card. A student who is taking a prescription drug that may impair their ability to function in the welding lab must notify and consult with the Supervisor of Welding Instructor.

Evidence of consumption, usage or possession of alcohol or illegal drugs will lead to expulsion from the Lincoln Electric Welding School and possible notification of law enforcement.

#### **Dangerous Weapons**

Regardless of having a concealed/carry weapons license or permit, students are prohibited from carrying or having firearms or weapons in the Lincoln Electric Welding School.

#### Tobacco Policy

Smoking, vaping and chewing tobacco are strictly prohibited in the Welding Technology and Training Center and surrounding parking lot. (Students should ask their instructor for designated smoking areas outside of the facility.)

#### Lincoln Electric Weld School Phones, Computers and Devices

Personal calls are prohibited on Lincoln Electric Welding School phones. Likewise, students may not use School computers and devices for personal activities unless authorized in advance. The School retains the right to access all data and information on School phones, computers, and devices. Students retain no expectation of privacy when using School Phones, Computers, or Devices, or when accessing school networks and servers, such as email, on personal devices.

#### **Restricted Areas**

Unless accompanied by an instructor, all areas of the distribution center are off limits. Furthermore, the Lincoln Electric Welding School and training labs should not be occupied unless accompanied by an instructor.

#### **Grievance Procedure**

All student complaints should be first directed to the school personnel involved or the Supervisor of Welding Instructor. If no resolution is forthcoming, a written complaint shall be submitted to the Supervisor of Welding Instructor. Whether or not the problem or complaint has been resolved to their satisfaction by the school, the student may direct any problem or complaint to the:

Executive Director, State Board of Career Colleges and Schools, 30 East Broad St, Suite 2481, Columbus, Ohio, 43215 Phone +1 (614) 466-2752; toll free +1 (877) 275-4219. Lincoln Electric Welding School Number: 71-02-0059T

#### Safety

All participants will be required to wear basic safety gear at all times in the Lincoln Electric Welding School. Basic Personal Protection Equipment (PPE) gear includes safety-toe footwear, safety glasses with side shields,



a shirt and long pants (non-synthetic fibers only). Items such as helmets, lenses, gloves, leathers and caps may be available in the Lincoln Electric Welding School store at special student prices.

#### **Equipment and PPE Gear**

Welding will begin on the first day of class. Students are responsible for providing the following PPE gear, which they must wear at all times when welding:

- Ankle-high leather shoes with safety toes
- Safety glasses that include side shields. Prescription eyewear will be allowed as long as it includes side shield protection and meets all other safety requirements.
- Long pants (No synthetic fibers allowed; no cuffs; absolutely no shorts permitted.)
- Long sleeve shirt (No synthetic fibers allowed) or welding jacket
- Welding gloves
- Welding helmet
- Head gear (A bandana or do-rag to protect head from sparks when welding out of position)
- Hearing protection (Earplugs will be provided)
- Students must also be prepared with the following materials:
  - » Wire brush
  - » Pliers
  - » Three-ring binder with writing utensils for class

Safety information, rules, and instructions will be provided to students periodically. Students must abide by all safety rules and instructions at all times. Failure to do so may result in discipline, suspension or dismissal.

#### Any optional equipment worn at the discretion of the student, example: particulate respirator masks, must be provided by the student.

Locks and lockers are furnished by the Lincoln Electric Welding School. Students should provide any personal items such as a flashlight, hand tools, and/or helmet **Please note: The school is not responsible for articles left in lockers.** 

#### Medical Emergency

All medical emergencies must be reported using the appropriate procedures. If you or someone nearby experiences an injury or other medical emergency, immediately contact an instructor or use the nearest telephone to contact Lincoln Electric's emergency services by **dialing 2222**. Do not dial external emergency numbers. If you receive an injury that is not life threatening, please notify your instructor.

#### Other Emergencies

The Lincoln Electric Welding School has an emergency plan in place, which will be explained to you at the start of the program.

#### Policy Requiring Disclosure of Instructor's Proprietary Interest

It is the policy of the Lincoln Electric Welding School that any instructor's proprietary interest in products, devices, services or materials discussed, as well as the source of any compensation related to the presentation be disclosed to learners prior to the start of the learning event.

#### Intellectual and Legal Property Rights Policy

It is the policy of the Lincoln Electric Welding School to give appropriate credit when a learning event utilizes any media that was not created by Lincoln Electric.

#### **Contact and Tour Information**

The Lincoln Electric Welding Technology & Training Center 22800 St. Clair Avenue Cleveland, OH 44117-1199 Phone: +1 844 818 6038 Fax: +1 216 383 8088 weldtraining@lincolnelectric.com





## Lincoln Electric CUSTOM WELDING CONSULTING SERVICES FOR INDUSTRIAL ORGANIZATIONS

Codes and standards govern welding processes and metal fabrication to ensure quality, consistency and safety. Do you understand the complexities? Lincoln Electric offers a broad portfolio of custom consulting services to provide guidance to help meet or exceed these standards:



#### **Technical Training For Welders**

Covers critical welding techniques, best practices and tips to ensure your welders are qualified to perform their required work. Plus, we can provide a general equipment overview. It can take place on-site at your facility or on our campus at the Welding Technology and Training Center.



#### Code Consulting

Guidance on a path forward regarding welder procedure qualifications records, welding procedure specifications, general interpretation and specific application to your manufacturing scenario following AWS D1.1 standards.



#### **Engineered Procedures**

We have a team assigned to develop and achieve procedures that meet your standard or code requirements and help ensure that the required stages of work are accomplished productively without generating costly exceptions.



#### **Procedure Development Execution Plans**

For optimal results, welding planning is crucial. We can review and create fully documented plans to comply with and enact your customer code or specification. Includes bill of materials, list of welds, joint types and preparation.



#### **Cold Eye Reviews**

We'll provide welding engineers with global experience on-site to review your current welding operations, provide guidance, produce action plans, or support large change management initiatives.

> Training is available at: The Lincoln Electric Welding Technology and Training Center in Cleveland, OH –OR– On-site at your facility or job site.

To request a consultation, contact your Technical Sales Representative today.

USTUMER-RESENCE PEUCTNe Linch: Exercis Company is manufacturing and selling high quality welding equipment, consumalies, and catting equipment. Our challenge is to meet the renet of our custames and to account their expectations. On occusion, parchases may out Linch: Exercis for information or ackies also also any output of the particle sectors of their additional to account their exercis. The introduction of the interview of the particle sectors of the partis and the particle sec

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# **ENROLL NOW** for upcoming classes.



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