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UA PLUMBERS LOCAL 1 TRAINING CENTER

NEW YORK CITY

37-11 47th Avenue, Long Island City, N.Y. 11101

ARTHUR O. KLOCK JR.
Director of Trade Education

JOURNEYMAN TRAINING COURSE CATALOG 2026-2027

Listed are the Journeyman Continuing Education and Certification courses that will be offered this academic year.

To participate, you must first REGISTER.

NOTE: Registration is required one-time only. Registration allows the Training Center to set up a file for your school records to be maintained in the school office.

If you have previously registered, you do not need to register again.

You must use the registration form to register for participation in the program.

You can register in-person, or submit a completed REGISTRATION form by mail or fax:

Plumbers Local 1 Training Center 37-11 47th Avenue, Long Island City, New York 11101, or FAX to (718) 752 - 9634

Training Center Evening Class Hours: 5:00PM - 9:30PM

STUDENTS MUST ENROLL FOR ALL COURSES – NO WALK-IN'S

All courses require a \$20.00 NON-REFUNDABLE course enrollment fee.

This fee is collected to show that the Journeyworker has made a commitment to attend the class.

You must enroll IN-PERSON, at the Training Center.

The course enrollment fee must be paid at the time of enrollment.

Courses are available to eligible participants as per ERISA regulations.

4-HOUR SUPPORTED SCAFFOLD USER (NYC-DOB COURSE CODE SCA-211):

This course will provide the scaffold user with the basic safety requirements to help in identifying the hazards associated with working on and around supported scaffolds. Users will be informed about OSHA and ANSI standards. Recognition of electrical hazards, fall hazards and falling object hazards in the work area are reviewed. Proper handling of materials on the scaffold and proper scaffold climbing procedures will be discussed. This course will introduce common hazards associated with aerial lifts and will discuss safe work practices to prevent these common hazards. Upon successful completion of this course, students will earn a **New York City Department of Buildings** 4-Hour Supported Scaffold User Certification which will populate in your Worker Wallet Card.

This is a self-scheduling class. [CLICK HERE](#) or Scan the QR code to view available dates.



4-HOUR FALL PREVENTION (NYC-DOB COURSE CODE SST-305):

This course will help fulfill the requirement for an individual applying for a Site Safety Training Card **RENEWAL**.

THIS IS AN AWARENESS LEVEL TRAINING ONLY and does not provide any other qualification or authorization outside of the Site Safety Training Card.

This is a self-scheduling class. [CLICK HERE](#) or Scan the QR code to view available dates.



8-HOUR SST RENEWAL (NYC-DOB COURSE CODES SCA-211 and SST-305):

The 8-Hour SST Renewal course combines the 4-Hour Supported Scaffold User and the 4-Hour Fall Prevention courses into one. The combined courses will be held on a limited number of Saturdays from 7:30AM to 5:00PM.

This is a self-scheduling class. [CLICK HERE](#) or Scan the QR code to view available dates.



Courses are filled on a First Come – First Served Basis

*Note: Some courses require another course as a pre-requisite.
Pre-requisite courses must be completed before you can enroll for the next course.
Do not attempt to enroll for a course until you have completed the pre-requisite courses.*

UA Textbooks are available for purchase from the UA Bookstore: Call (301) 218-1241 or login to the UA Bookstore at <https://shop.iptbookstore.com/>.

16-HOUR RIGGING WORKER (NYC-DOB COURSE CODE CRA-103): 5-sessions

*This course is a requirement for an individual to **PERFORM** rigging work in conjunction with the hoisting or lowering of articles on the outside of a building with hoisting equipment. This course is designed to enable students to understand the proper rigging techniques to be used on typical plumbing jobs. This course will focus on the proper planning and precautions required when lifting materials and equipment. It will enable the student to understand safe rigging of loads, proper application of slings and rigging hardware. Knot tying, rope handling, and basic hand signals will be covered. Overview of the common types of cranes and hoisting machines and hazards associated with them will be discussed. Classroom instruction will be blended with time in the rigging shop, where these principles can be put into practice. During shop time, proper jobsite attire is required. Students will also be required to bring safety glasses, work gloves and a ruler. Upon successful completion of this course, students will earn a **New York City Department of Buildings** 16-Hour Rigging Worker Certification.*

Class starts on:

Monday, October 19, 2026 Monday, May 17, 2027

ADVANCED PLAN READING & RELATED DRAWING:

9-sessions

This course will present an overall view of building plans and job coordination. This is an in-person computer-based course that requires intermediate computer and math skills. Students must have access to a home personal computer to complete homework assignments.

Required text: Advanced Plan Reading and Related Drawing UA 1020 R/2021 (\$80)

(Note: This class will be a prerequisite for registration in Drafting and Field Coordination)

Classes Start on:

Thursday, January 7, 2027

BACKFLOW - INITIAL CERTIFICATION:

9-sessions

This course covers the required practices for inspection, annual required testing, repairs, and maintenance of backflow prevention assemblies used in the cross – connection control program of the New York City Department of Environmental Protection. Course material includes information needed for identifying cross-connections, understanding how backflow occurs and the dangers they present, methods used to control backflow and the recommended applications for each type of backflow assembly. Students successfully completing the course will be Certified Backflow Prevention Device Testers as per the regulations of the New York State Department of Health and The American Society of Sanitary Engineering.

There will be a third party proctored written and practical exam.

The plan participant fee for this course is \$160. The non-participant fee is \$1,500. The fee includes the ASSE online test, and a Manual.

Payable by Money Order, made out to: **Trade Education Fund** on the day of enrollment.

SCHEDULE OF BACKFLOW COURSES 2026 – 2027 SCHOOL YEAR**INITIAL COURSES:****1. COURSE ONE– 2627**

Start Date:	Tuesday, October 20, 2026	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, October 27, 2026	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, November 17, 2026	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, November 24, 2026	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, December 1, 2026	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, December 8, 2026	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, December 15, 2026	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, January 5, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, January 12, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
Test Date:	Saturday, January 16, 2027	8 hrs.	7:30 a.m. – 4:00 p.m.
	9 Days/40 Hours		

2. COURSE TWO - 2627

Start Date:	Tuesday, March 2, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, March 9, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, March 30, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, April 6, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, April 13, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, April 20, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, April 27, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, May 4, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, May 18, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
Test Date:	Saturday, May 22, 2027	8 hrs.	7:30 a.m. – 4:00 p.m.
	9 Days/40 Hours		

BACKFLOW RE-CERTIFICATION:

3-sessions

To maintain your Certified Backflow Prevention Device Tester certification, you must complete a **16-hour** renewal training course. You should begin this process three (3) months prior to your certification expiration date.

There will be a third party proctored written and practical exam.

The plan participant fee for this course is **\$110**. Non-plan participant fee is **\$1,000**.

The fee includes the ASSE online test, and the Manual.

Payable by Money Order, made out to: **Trade Education Fund** on the day of enrollment.

1. COURSE ONE – 2627

Start Date:	Tuesday, January 19, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, January 26, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
Test Date:	Saturday, January 30, 2027	8 hrs.	7:30 a.m. – 4:00 p.m.
	3 Days/16 Hours		

2. COURSE TWO – 2627

Start Date:	Tuesday, May 25, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
	Tuesday, June 1, 2027	4 hrs.	5:00 p.m. – 9:30 p.m.
Test Date:	Saturday, June 5, 2027	8 hrs.	7:30 a.m. – 4:00 p.m.
	3 Days/16 Hours		

DRAFTING AND FIELD COORDINATION:

30-sessions

This course is designed to familiarize the student with the additional concepts, problems and skills required of the draftsman. The emphasis will be on traditional drafting and coordination. Hand sketching will be reviewed. The reading and interpretation of contract drawings with full integration of architectural, structural, and mechanical drawings will be explained. Integration of written specifications, fixture, and equipment cuts, supports, pads and hanging systems will be explained. Creation of shop drawings, slot & sleeve drawings, coordination drawings, as-built drawings, and close-out charts and lists will be explained. Layout of mechanical rooms, foundation penetrations, and coordination of water main and sewer connections will be explained. Revisions, addendums, and architect's supplemental instructions will be explained as well as their impact on change orders, extras, and deletions from the original contract.

Class Starts on: Tuesday, October 6, 2026

COMPUTER SKILLS FOR PLUMBERS

9-sessions

This course will provide a basic introduction to computer technology, theory and concepts including an introduction to computer terminology. Functions and capabilities of Windows operating systems, Microsoft Office applications, internet browsers and third-party programs are covered through lecture, discussion, and hands-on-assignments.

(This class will be a prerequisite for registration in CAD classes)

Classes start on:

Tuesday, October 6, 2026

Tuesday, April 6, 2027

AutoCAD - LEVEL I: INTRO TO COMPUTER AIDED DRAFTING

12-sessions

Pre-requisite: *for this course you must have previously completed Advanced Plan Reading AND Introduction to Computers*

This is a course designed as an introduction to computer aided drafting (CAD) and the AutoCAD environment. This course will examine the fundamentals of AutoCAD software as applied to two – dimensional CAD piping drawings.

Required text: AutoCAD 2022: Fundamentals (\$125)

Students are required to bring a 2-gig Flash drive memory stick.

This book must be pre-ordered at the Training Center when you enroll in this course.

(Payment for this book is required at time of enrollment.)

Class starts on:

Monday, October 5, 2026

AutoCAD - LEVEL II: COMPUTERAIDED DRAFTING

12-sessions

Pre-requisite: *for this course you must have previously completed AutoCAD Level I*

This course will examine the more advanced capabilities of AutoCAD drafting software as applied to two – dimensional CAD piping drawing production.

Required text: *AutoCAD 2022: Beyond the Basics (\$75) and AutoCAD Advanced (\$90)*

Students are required to bring a 2-gig Flash drive memory stick.

This book must be pre-ordered at the Training Center when you enroll in this course.

(Payment for this book is required at time of enrollment.)

Class starts on:

Monday, March 8, 2027

INTRODUCTION TO REVIT

12-sessions

Pre-requisite: *for this course you must have previously completed AutoCAD Level I and II*

This course is designed to introduce the Journeyman Plumber to Autodesk Revit for piping design and coordination. Students will learn how to create and manage projects, coordinate with other trades, develop piping layouts, and produce construction documents. Course topics include model creation, project organization, coordination, documentation, scheduling, and construction-focused workflows from project start through final drawings. Emphasis will be placed on practical application through hands-on exercises that mirror real-world plumbing and mechanical projects. Upon successful completion, students will be able to create, coordinate, document, and manage piping systems for construction projects.

Students are required to bring a 2-gig Flash drive memory stick.

Class starts on:

Wednesday, January 6, 2027

ICRA - INFECTION CONTROL RISK ASSESSMENT

5-sessions

This course is designed to familiarize workers with general knowledge of the environment of care, infection control and construction risk assessment procedures to protect facility operations, workers or any individual who has the potential for harm caused by construction activities. The course objective is to provide training, continuing education and certification to construction and maintenance personnel. Successful completion of this course will result in a Third-Party Certification to ASSE Standard 12010. A requirement that workers be qualified to this standard is now being added to Healthcare Facilities job specifications.

There will be a third party proctored written exam.

The ASSE online test fee is **\$160**.

Payable by Money Order, made out to: Trade Education Fund on the day of enrollment.

Class starts on:

Tuesday, January 5, 2027

JOURNEYMAN GAS-FITTER

9-sessions

This course is designed to familiarize the journeyman plumber with fuel gas installations. Topics covered will include the production and delivery of natural gas, the properties of natural gas, and the design, and limitations of natural gas building distribution piping systems from point of entry up to and including the appliance. Purging and testing will also be discussed.

The course will prepare the student for the NYC DOB NOW registration process to obtain a FULL GAS WORK QUALIFICATION.

Required text: 2022 NYC Fuel Gas Code (\$104).

This book can be pre-ordered at the Training Center when you enroll in this course.

(Payment for this book is required at time of enrollment.)

Classes start on:

Tuesday, April 6, 2027

MEDICAL GAS INSTALLER:

9-sessions

This course covers the **NFPA (National Fire Protection Association) – 99 Standard**.

The course includes code interpretation, correct piping installation and testing, requirements for installer qualification, and requirements for braze qualification in accordance with ASME Section IX. A third party NITC proctored written exam and practical braze test, required for certification as an Installer and Brazer of Medical Gas Systems will be administered at the conclusion of the course.

The NITC Test Fee of **\$150.00** (fee subject to change) is payable on the first evening of class.

The Test Fee is payable directly to **NITC** (credit card payment only).

Required text: NFPA 99 Current Edition-2024, (\$149) (cost and edition subject to change).

The NFPA 99 text is only available for purchase from the Training Center at time of registration.

After registration the text can be purchased directly from NFPA.org

This is a two-night a week course (Tuesday & Thursday).

Classes Start on:

Tuesday, October 6, 2026, Exam on Saturday, November 7.

Tuesday, April 6, 2027, Exam on Saturday, May 8.

RECERTIFICATION OF THIS CREDENTIAL: Medical Gas Installer/Brazer Certification is valid for three (3) years from issuance, if the following individual requirement is maintained: Installers shall maintain continuity of brazing per ASME Boiler and Pressure Vessel Code, Section IX performance qualifications and the NFPA 99 Healthcare Facilities Code by submitting a braze continuity letter every six months.

Brazers that have failed to maintain braze continuity may requalify by performing a Vertical up-flow braze.

MEDICAL GAS INSTALLER RECERTIFICATION:

Recertification can be accomplished by completing a required 4-hour training course and successfully passing a proctored multiple-choice open book exam. Both the course and the examination are required according to ASSE 6000. The recertification exam contains forty questions based on the most current edition of NFPA

99. Candidates must answer thirty-two (32) of the questions (80%) correctly on the exam to achieve a passing grade. Two (2) hours are allowed for the exam.

Failure to recertify within one year of the certification expiration date will require the individual to take the original examination.

Registration for the 4-hour training course closes 30 days prior to the exam date.

Required text: NFPA 99 Current Edition-2024, (\$149) (cost and edition subject to change).

The NFPA 99 text is only available for purchase from the Training Center at time of registration.

After registration the text can be purchased directly from NFPA.org

There is an NITC Test Fee of **\$60.00** to take the exam.

The Test Fee is payable directly to **NITC** (credit card payment only).

Classes Start on:

Tuesday, November 17, 2026

Tuesday, March 2, 2027

Tuesday, June 1, 2027

Exams will be held on Friday's, immediately following the class.

PLUMBING CODE:

9-sessions

This course is designed to help students in understanding and navigating through the NYC Plumbing Code.

Required text: 2022 NYC Plumbing Code.

The code book will be available at the Training Center for students enrolled in the Plumbing Code course at a cost of **\$104.00**.

The 2022 NYC Plumbing Code is only available for purchase from the Training Center at time of registration.

After registration the text can be purchased directly from NFPA.org

Classes Start on:

Tuesday, October 6, 2026

Tuesday, April 6, 2027

Water Quality for Plumbers

6-sessions

Water Quality Risk Management Programs designed for Legionella Risk Reduction are mandated for hospitals and long-term care facilities. In addition, these programs are becoming required elements for other types of construction such as hotels, apartment buildings, office buildings, schools and prisons where complex centralized water heating systems are utilized. This class teaches essential elements of **ASHRAE Standard 188-2018: Legionellosis: Risk Management for Building Water Systems**. Journeyworkers completing this class will take a 50-question exam certifying to the professional qualification **ASSE 12061 Water Quality Program for Plumbers**. The objective of ASSE 12061 is to provide plumbers working on these systems the necessary knowledge to develop and implement a water management plan for plumbing systems including surveying building water systems, epidemiology of pathogens, biohazards and infectious disease, water sampling protocols and conducting an incident response.

Required text: *UA Water Quality Program Handbook UA1441 (\$40)*

This book must be pre-ordered at the Training Center when you enroll in this course.

(Payment for this book is required at time of enrollment.)

There will be a third party proctored written exam.

The ASSE online test fee is **\$160**.

Payable by Money Order, made out to: **Trade Education Fund** on the day of enrollment.

Class starts on:

Thursday, January 7, 2027

Water Heating Installation Practices

9-sessions

Pre-requisite: for this course you must have a valid NYC DOB Gas Qualification.

This course is intended to supplement the Journeyworkers' field experience working with water heating equipment and systems with the practical knowledge and skills required by installers and end users in our current and future industry. Course objectives cover safety related issues, water heater design, domestic hot water systems design, water heater ratings and sizing, typical components, installation recommendations including code and manufacturer requirements for natural gas, combustion air, flue piping, electrical and electric heat pump systems. Gas fired atmospheric and condensing storage water heaters, tankless water heaters, combination boilers, electric storage, solar. Commissioning procedures and hot water zone balancing procedures will be included and demonstrated with hands-on shop exercises.

The Heat Pump Water Heating Systems Installations for Plumbers class is wholly integrated into this course.

This course has both theory and hands-on shop elements.

In line with job-site requirements, students are required to dress appropriately, including work boots, gloves, and safety glasses.

Classes start on:

Thursday, October 8, 2026

Tuesday, April 6, 2027

ARC WELDING (BEGINNER) – Intro to Shielded Metal Arc Welding (SMAW) 9-sessions

This course is designed for the beginning welder. The student will gain a thorough understanding of arc welding, welding safety, arc welding power sources, and electrode classification and selection. The student will progress through a series of projects intended to develop the necessary skills to weld in all positions on mild steel using E6010 and E7018 electrodes. Upon successful completion of this project progression, students may be upgraded to Advanced Arc Welding class.

This is a two-night a week course (Monday & Wednesday).

Classes Start on:

Monday, October 5, 2026

Monday, January 4, 2027

Monday, April 5, 2027

Note: Class will not be held on Union Meeting evenings!

Beginner welding students MUST bring the following items with them to class:

- Flame Resistant Cloth or Leather Welding jacket
- Welding Gloves for Shielded Metal Arc Welding
- Safety Glasses Clear and Shade 5 Lenses
- Welding Hat
- Long Sleeve Cotton Denim Shirt
- Personal Welding Hood - Minimum. Shade 10 Lens
- Clear Spare Lenses for Welding Hood

ARC WELDING (ADVANCED) – SMAW Pipe Welding and Qualification 18-sessions

Pre-requisite: for this course you must be a qualified welder or have been evaluated and recommended.

This course will take the student welder from beginner to qualified. Instruction will include pipe preparation and fit-up, proper use of specialized welding tools, instruction and guidance in all recognized pipe welding positions, preparation and recommendation for welder qualification exams, and practical jobsite applications of welded pipe layout, preparation, fabrication, installation, and position welding. Students will prepare and qualify in the following portable UA SMAW Weld Qualifications:

- UA-2 6" Uphill
- UA-21 2" Uphill
- UA-1 6" Downhill

This is a two-night a week course (Tuesday & Thursday).

Classes Start on:

Tuesday, October 6, 2026

Tuesday, February 23, 2027

ARC WELDING (STAINLESS) – SMAW Qualification for Stainless Steel

Pre-requisite: *Previously qualified to the UA-22 welder qualification.*

This course is designed for the advanced welder who previously qualified to the UA-21 welder qualification specification. The student will gain hands on experience using E 309-17 and E 309-16 filler metal in preparation for qualification on an SA 106 test coupon.

(This training is relevant to welding stainless steel piping for domestic water lines).

This is a two-night a week course (Tuesday & Thursday).

Classes Start on:

Tuesday, October 6, 2026

Tuesday, February 23, 2027

ARC WELDING (TIG) GTAW (Gas Tungsten Arc Welding)

Pre-requisite: *Previously qualified to the UA-21 welder qualification.*

This course will provide the welder with a thorough understanding of Gas Tungsten Arc Welding, arc characteristics and welding safety. It will provide training to develop the skills necessary to make quality gas tungsten arc welds on mild steel plate, leading to the skills necessary to produce quality welds on pipe.

This is a two-night a week course (Tuesday & Thursday).

Classes Start on:

Tuesday, October 6, 2026

Tuesday, February 23, 2027

ARC WELDING (MIG) GMAW (Gas Metal Arc Welding)

Pre-requisite: *Uphill UA Welding Qualification A.S.M.E. Section IX B 31.1*

This course will provide the welder with a thorough understanding of the Gas Metal Arc Welding process, welding safety, equipment adjustments, shielding gases and metal transfer methods. It will provide training to develop the skills necessary to make quality welds on mild steel plate, leading to the skills necessary to produce quality welds on pipe.

This is a two-night a week course (Tuesday & Thursday).

Classes Start on:

Tuesday, October 6, 2026

Tuesday, February 23, 2027

AUTOMATED (ORBITAL) WELDING TECHNOLOGY:

4-sessions

This course will provide the welding operator with a thorough knowledge of how the Automated Orbital Welding process operates. The welding operator will learn how to program the machine which controls the functions of arc current level, travel speed, arc voltage and power supply. The welding operator will develop the skills necessary to prepare the tube ends, center the components to be welded in the fixture block, mate the weld head to the fixture block, initiate purge and shielding gases and signal the machine to begin the welding process.

Orbital classes will be scheduled as needed. Call to be placed on the current list.