

Fall / Winter 2024-2025



Alberta
PIPE TRADES
College

PIPE TRADES

COURSE CALENDAR

Strength Through Education

albertapipetrades.ca

ABOUT ALBERTA PIPE TRADES COLLEGE

Alberta Pipe Trades College is a state-of-the-art facility open to everyone interested in advancing their career in the pipe trades, whether you are a union or non-union apprentice, or a seasoned union professional looking to earn a higher salary.

We offer a variety of courses for steamfitter/pipefitter, plumber-gasfitter and welder. Courses run throughout the year.

Instructors at Alberta Pipe Trades College bring decades of knowledge and experience into the classroom and provide superior education through innovative, hands-on methods. We offer smaller class sizes and are more affordable than other institutions, providing free parking on site. Register for our classes and see the difference for yourself.

Alberta Pipe Trades College was built in 2009 and is supported by the United Association of Plumbers and Pipefitters, Local 488. Apprentice Scholarships are available to members of Local 488, upon successful completion of their apprenticeship level.

For more information, call 780-488-1266.

UA COURSE

REGISTRATION INFORMATION

Registrations for 2024-2025 courses are now open, and classes are filled on a first come, first served basis.

HOURS OF REGISTRATION

 **8:00 am – 4:30 pm**

Registration is accepted two ways:

IN PERSON

Visit the Registrar Office at Alberta Pipe Trades College on the second floor at 16120 - 118 Avenue in Edmonton.

BY PHONE

Please call us at 780-488-1266.

Please have your credit card ready.

UA COURSE

REGISTRATION POLICIES

1). Eligibility

Must be UA Members.

2). Identification

Please have your Union ID Card Number with you at the time of registration.

3). Fees

All registration fees must be paid in full at the time of registering.

If you fail to notify EPT prior to 3 business day from the start of the class and fail to attend class, you will lose your registration fee. The fee will not be applied to another course.

4). EPT Cancellation Policy

Courses that do not have the prerequisite number of registered students one (1) week prior to commencement are subject to cancellation.

5). Course Changes

Alberta Pipe Trades College makes every effort to provide services in accordance with the Course Calendar; however, we reserve the right to make changes throughout the educational year.



ALBERTA PIPE TRADES COLLEGE COURSE REIMBURSEMENT POLICY

Effective September 1, 2017

APTC course reimbursements will be available for UA Local 488 members upon successful course completion. UA courses eligible for reimbursement must have a minimum of \$50.00 tuition. Books and training materials purchased for UA courses are not be reimbursable. The students must have the course books and training materials as outlined by APTC instructors.

APPRENTICE SCHOLARSHIP POLICY

Apprentice Scholarship will be available for eligible UA Local 488 members. In order to apply for the Apprentice Scholarship, the UA Local 488 member requires:

Effective September 1, 2017

- 1). Signed promissory note.
- 2). School receipt.
- 3). Letter from Alberta Learning with institutional and period exam marks.
- 4). Blue book **stamped** by the Alberta Apprenticeship, or a copy of your updated AIT (Apprentice ID card).
- 5). If a journeyman, you must bring in your journeyman letter from Alberta Learning or your journeyman certificate along with your UA membership card for head office.
- 6). **Must** have 1200 UA Local Union 488 contractor contributed hours.
- 7). **Must** be a UA Local 488 member in good standing.
- 8). Application for Apprentice Scholarship may only be made within 2 years of completion of trade school dates.

Chris Waples
Director of Education

APPRENTICESHIP COURSES

(open to UA members and non-members)

Registration for apprenticeship courses is now available.

Please call 780-488-1266 to register and **have your AIT (Apprenticeship ID) number ready.**

Welder

- 1ST YEAR** January 6 - February 28, 2025
- 1ST YEAR** March 3 - April 25, 2025
- 2ND YEAR** September 2 - October 25, 2024
- 3RD YEAR** October 28 - December 20, 2024

Plumber

- 1ST YEAR** **Common Core** October 28 - December 20, 2024
- 1ST YEAR** **Common Core** January 6 - February 28, 2025
- 1ST YEAR** **Common Core** May 5 - June 27, 2025
- 2ND YEAR** September 2 - October 25, 2024
- 3RD YEAR** January 6 - February 28, 2025
- 4TH YEAR** May 5 - June 27, 2025

Steamfitter-Pipefitter

- 1ST YEAR** **Common Core** October 28 - December 20, 2024
- 1ST YEAR** **Common Core** January 6 - February 28, 2025
- 1ST YEAR** **Common Core** May 5 - June 27, 2025
- 2ND YEAR** March 3 - April 25, 2025
- 3RD YEAR** October 28 - December 20, 2024
- 4TH YEAR** May 5 - June 27, 2025





Construction Safety Training Systems (CSTS)

The CSTS course is required for all tradespersons working on industrial worksites in Alberta. It is a computer-based introduction to worksite safety. Located at youracsa.ca

FEE: No fee

**Please call EPT
780-488-1266 for information.**

Pipeline Construction Safety Training (PCST)



The PCST course is required for all persons working pipeline in Alberta. It is a computer based introduction to pipeline worksite safety.

**FEE: No fee for eligible UA
488 Pipeline members**

**Please call EPT
780-488-1266 for information.**

NAUSC Supervisor 1

This course delivers the necessary entry level training required to enable Journey workers to move into supervisory roles in the Union construction industry, with basic skills and information that are needed for our members to be successful in the transition to the role of a leader.

 **Monday - Friday**
 **8:00 am - 4:00 pm**

CERTIFICATION: On successful completion, each student will be issued a NAUSC certificate.

TUITION: \$60.00

REQUIRED BOOKS: Extra Cost

PRE-REQUISITES: Journey person and a minimum of four (4) registered students.



AVAILABLE DATES:

January 6-10, 2025

April 28-May 2, 2025

NAUSC Job Steward

The NAUSC Training Program will prepare Journey person workers to take leadership roles in working as a Union representative, to lead our membership in completing the work of the UA and protecting its jurisdiction in the workplace. This program is designed to prepare the Steward for their role as Leader and explain methods for working with management and membership towards a more productive jobsite.

 **Three consecutive days**
 **8:00 am - 4:00 pm**

CERTIFICATION: On successful completion, each student will be issued a NAUSC certificate.

TUITION: \$60.00

REQUIRED BOOKS: Extra Cost

PRE-REQUISITES: Journey person credential and a minimum of four (4) registered students

AVAILABLE DATES:

February 18-20, 2025

June 23-25, 2025





NAUSC Controlled Bolting



***PPE Requirement: CSA boots, gloves, safety glasses, a long sleeve shirt and no loose clothing.**

This course provides students with introductory technical information to safely and correctly operate, troubleshoot and maintain controlled bolting equipment.

Each student will:

- Review bolting standards and procedures
- Evaluate controlled bolting requirements & select the appropriate equipment
- Demonstrate correct equipment utilization (Manual, pneumatic & hydraulic torque wrenches, Hydraulic tensioning equipment and Nutsplitters).

Training will include theory, practical experiences and student assignments. (16 hours classroom, 24 hours shop activities)

 **Monday - Friday**
 **8:00 am - 4:00 pm.**

CERTIFICATION: On successful completion, each student will be issued a NAUSC certificate.

TUITION: \$60.00

REQUIRED BOOKS: Extra Cost

PRE-REQUISITES: Must be a minimum first period registered apprentice and a minimum of three (3) students are required for this course.

AVAILABLE DATES:



January 13-17, 2025

NAUSC Cold Cutting

***PPE Requirement: CSA boots, gloves, safety glasses, a long sleeve shirt and no loose clothing.**

This course provides students with introductory technical information to safely and correctly operate, troubleshoot and maintain cold cutting equipment.

Training will include theory, practical experiences and student assignments. (5 hours classroom minimum, 16 hours shop activities minimum)

 **Three consecutive days**
 **8:00 am - 4:00 pm**

CERTIFICATION: On successful completion, each student will be issued a NAUSC certificate.

TUITION: \$60.00

REQUIRED BOOKS: Extra Cost

PRE-REQUISITES: Must be a minimum first period registered apprentice and a minimum of three (3) students are required for this course.

AVAILABLE DATES:



Contact EPT at 780-488-1266 or albertapipetrades.ca for course offerings

NAUSC CSA Medical Gas

***PPE Requirement: CSA boots, gloves, safety glasses and a long-sleeved shirt.**

The 40-hour Medical G.A.S program will prepare pipe trades workers with the tools to complete medical gas piping installations and give them the skills and abilities to complete work safely and securely in all forms of construction and maintenance operations in the hospital construction industry. This course will provide a minimum of:

- 32 hours of classroom training
- 8 hours of practical training

 **Monday - Friday**
 **8:00 am - 4:00 pm**

CERTIFICATION: CSA Group will provide the written exam that ensures compliance to the CSA Z7396.1 Medical Gas Standard.

TUITION: \$60.00

REQUIRED BOOKS: Extra Cost

PRE-REQUISITE: A Certificate of Qualification for Steamfitter or Plumber (Provincial or Red Seal).

AVAILABLE DATES:

March 10-14, 2025



➔➔➔ Steamfitter-Pipefitter



Pipe Fabrication

***PPE Requirement:** CSA boots, leather gauntleted gloves, safety glasses and a long sleeved natural fiber shirt.

This 40 hour course is designed to give students practical experience with pipe fabrication using different templates and techniques.

 **Monday to Friday for one week**
 **8:00 am - 4:00 pm**

TUITION: \$60.00

REQUIRED BOOKS: Will be provided

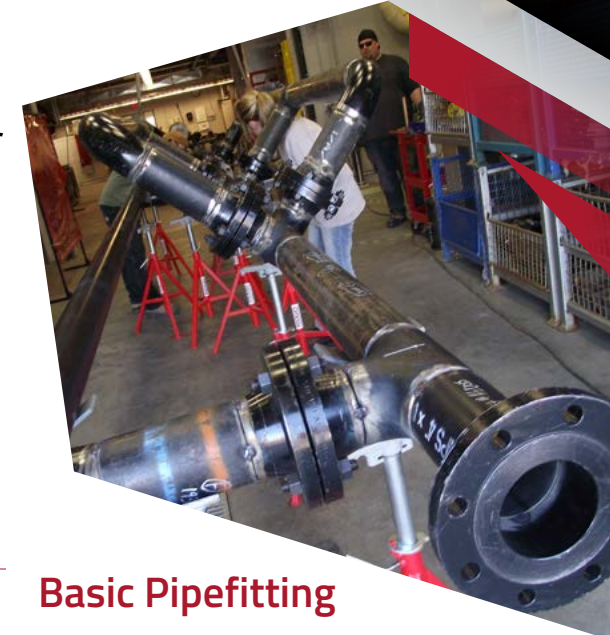
PRE-REQUISITES: Must be a minimum third period registered apprentice and a minimum of three (3) registered students.

AVAILABLE DATES:

**Contact EPT at 780-488-1266
or albertapipetrades.ca
for course offerings**





Steamfitter-Pipefitter <<<



Practical Pipefitting

***PPE Requirement:** CSA boots, leather gauntleted gloves, safety glasses and a long sleeved natural fiber shirt.

The 80-hour Practical Pipefitting course is designed for members working toward their UA Journeyman status. The course includes a 24-hour theory component and a 56-hour practical component.

 **Monday to Friday for two weeks**
 **8:00 am - 4:00 pm**

TUITION: \$60.00

REQUIRED BOOKS: Will be provided

PRE-REQUISITES: Must be a minimum second period registered apprentice and a minimum of three (3) registered students.



AVAILABLE DATES:

**Contact EPT at 780-488-1266
or albertapipetrades.ca
for course offerings**

Basic Pipefitting

***PPE Requirement:** CSA boots, leather gauntleted gloves, safety glasses and a long sleeved natural fiber shirt.

This introductory course provides students with an understanding of the day-to-day operations of the fabrication shop. The first day of the course is theory taught in the classroom, and the second day is the practical elements of pipefitting.

 **Two consecutive days**
 **8:00 am - 4:00 pm**

TUITION: \$60.00

REQUIRED BOOKS: Will be provided

PRE-REQUISITE: Minimum three (3) registered students. Must be a member in good standing.

AVAILABLE DATES:

**Contact EPT at 780-488-1266
or albertapipetrades.ca
for course offerings**

Steamfitter-Pipefitter

Industrial Rigging (EPRI Rigging)

***PPE Requirement: CSA boots, leather gauntleted gloves, safety glasses and a long sleeved natural fiber shirt.**



Registration for EPRI Rigging programs will commence four (4) weeks before the start date of each class and registration will close two (2) weeks prior to the start date of each class.

The Industrial Rigging (EPRI) Rigging course is designed to certify journeyman members about the complexities of working safely as rigging specialists. Members interested in taking this course need a strong rigging background, with at least three to five years of experience.

Please note that this is a certification course and not a training course.

To obtain certification, journeymen must complete:

1. A 120 questions, 150 minute computer generated exam with a minimum grade of 80%.
2. Practical testing could occur into the following week depending on number of students

 **Monday - Friday**
 **8:00 am - 4:00 pm**

TUITION: \$60.00

REQUIRED BOOKS: Extra Cost

PRE-REQUISITES: Journeyman with 5 years experience and a minimum of three (3) registered students.

AVAILABLE DATES:



October 21-25, 2024

Steamfitter-Pipefitter

Practical Rigging

***PPE Requirement: CSA boots, leather gauntleted gloves, safety glasses and a long sleeved natural fiber shirt.**

The 40-hour Practical Rigging course is designed for members working toward their UA Journey person status. The course consists of 20 hours of rigging theory in the classroom and 20 hours of practical lifts.

 **Monday - Friday**
 **8:00 am - 4:00 pm**

TUITION: \$60.00

REQUIRED BOOKS: Will be provided

PRE-REQUISITES: Must be a minimum second period registered apprentice and a minimum of three (3) registered students.

AVAILABLE DATES:

Contact EPT at 780-488-1266 or albertapipetrades.ca for course offerings



UA Local
488
RIGGING
TRAINING



➤➤➤ Steamfitter-Pipefitter



Introduction to Steam Tracing, Tube Bending & Raceway

***PPE Requirement: CSA boots, leather gauntleted gloves, safety glasses and a long sleeved natural fiber shirt.**

This course is designed to expose members to the safe work procedures involved in steam tracing. It focuses primarily on the practical aspects of steam tracing; however, there is also a theory component.

 **One day**
 **8:00 am - 4:00 pm**

TUITION: \$60.00

REQUIRED BOOKS: Will be provided

PRE-REQUISITE: Minimum of four (4) registered students.

AVAILABLE DATES:


**Contact EPT at 780-488-1266
or albertapipetrades.ca
for course offerings**

Steamfitter-Pipefitter <<<

Instrument Fitter

***PPE Requirement: CSA boots, leather gauntleted gloves, safety glasses and a long sleeved natural fiber shirt.**

This course is designed to give the student an understanding of how to build a complete instrument installation system from transmitter to tap point, from header to end user. The course will teach students how to construct tubing raceway with the installation of both tubing and tubing bundle and the installation of the instruments themselves.

 **Monday - Friday**
 **8:00 am - 4:00 pm**

TUITION: \$60.00

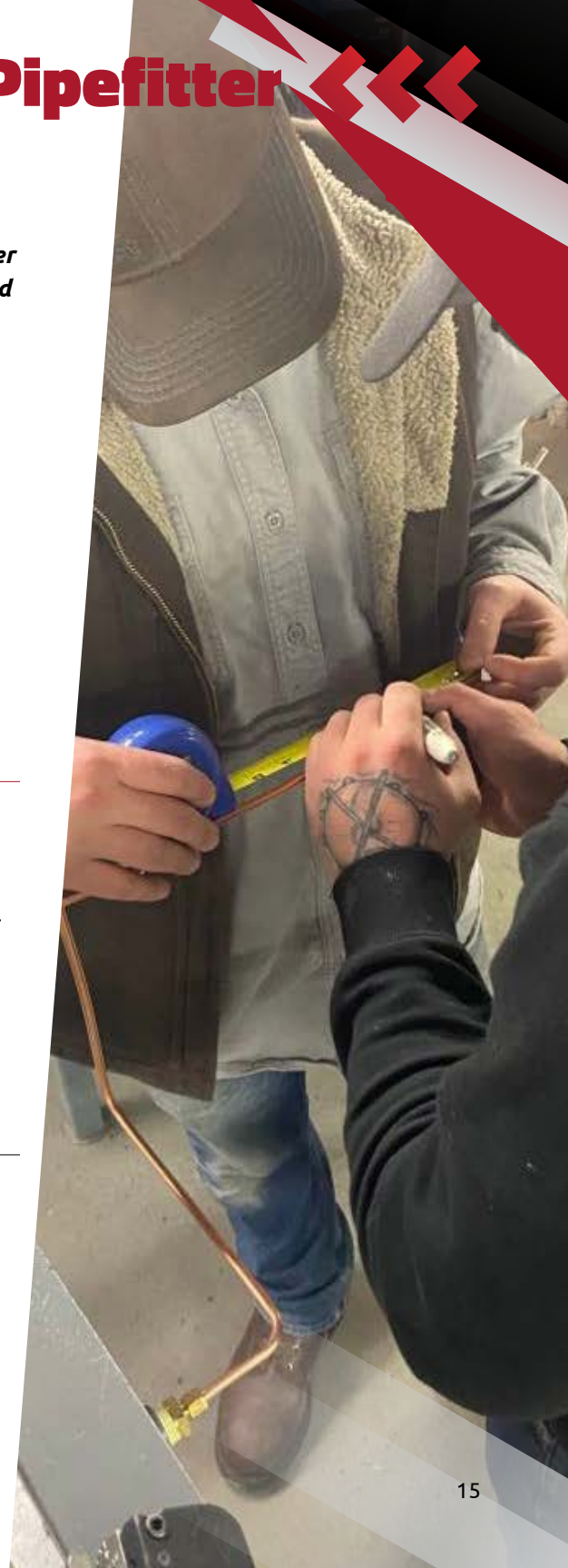
REQUIRED BOOKS: Extra Cost

PRE-REQUISITES: Must be a minimum second period registered Steamfitter-Pipefitter apprentice and a minimum of four (4) registered students.

***Please note that the first day of class is held at Swagelok. Please contact the registrar for details.**

AVAILABLE DATES:

**Contact EPT at 780-488-1266
or albertapipetrades.ca
for course offerings**



Steamfitter-Pipefitter

Steamfitter Red Seal Upgrader Course

*** PPE requirements: This class is intended as a classroom only course, but if time allows there may be shops, PPE as per instructor direction.**

Completion of Steamfitter Equivalency course does not guarantee an attempt of the Steamfitter Red Seal Qualification Exam. Students must make provisions with AIT to allow for writing the trade qualification exam.

Alberta Industry and Training (AIT) examines workers' experience and hours of work in the steamfitting-pipefitting trade to determine if they are qualified to enter the Alberta Trade Qualification Program enabling the worker to challenge the Steamfitter Red Seal Exam. This successful program serves as a preparatory course for the member to challenge the Red Seal Exam.

The 20-day course is highly condensed and provides essential technical information. Course topics include: Occupational Skills and Safety, Drawings and Specifications, Piping Layout, Rigging, HP and LP Steam Systems, Hydronic Systems, Refrigeration, Testing and Commissioning, and Maintenance and Repair. UA members from other provinces may also take this course in preparation for writing the exam in their home province.

Monday to Friday for four weeks

8:00 am - 3:00 pm

TUITION: \$60.00

REQUIRED BOOKS: Extra Cost

PRE-REQUISITE: Minimum four (4) registered students.

AVAILABLE DATES:

Contact EPT at 780-488-1266 or albertapipetrades.ca for course offerings

Welding

Introduction to Welding

***PPE Requirement: CSA boots and a long sleeved natural fiber shirt.**

Bring your family members and explore the fundamentals of a career in welding by practicing the safe use of welding equipment, trying wire feed welding and learning various fabrication processes. You will weld, meld and create. You will have access to proper safety training in both hand and industrial power tools regardless of your level of experience. Grab the tools, supplies, and get welding.

Monday - Friday

8:00 am - 4:00 pm

TUITION: Free for all family members (sons, daughters, nieces, nephews, sisters, brothers etc.) of 488 members that are in good standing.

PRE-REQUISITE: N/A. A minimum of two (2) registered students are required.

AVAILABLE DATES:

Contact EPT at 780-488-1266 or albertapipetrades.ca for course offerings

Journeyman to B Pressure Welding

***PPE Requirement: CSA boots, leather gauntleted gloves, safety glasses and long sleeved natural fiber shirt. Welding helmet recommended.**

This course is designed to prepare members to test for their Initial Alberta B Pressure Welding certification. To qualify for the tuition reimbursement, Local 488 members must obtain ABSA certification in the next 12 months.

Monday to Friday for 2 weeks

8:00 am - 4:00 pm

TUITION: \$300.00 UA Member

TUITION: \$1400.00 Building Trades of Alberta Member

TUITION: \$1900.00 Non-Building Trades Alberta Member

EXAM FEE: \$259.25 - Non-reimbursable

PRE-REQUISITE: Journeyperson Welder Certification and a minimum of four (4) students.

AVAILABLE DATES:

October 28-November 8, 2024

January 13-24, 2025

March 31-April 11, 2025

June 2-13, 2025



Welding

Practical Submerged Arc Welding (SAW)

***PPE Requirement: CSA boots, leather gauntleted gloves, safety glasses and long sleeved natural fiber shirt. Welding helmet recommended.**

This course is designed to instruct welders to be effective and efficient SAW operators. The course will teach basic and intermediate techniques in set up and trouble shooting, loading spools, wire feed roots and welding from start to finish. Every student will be evaluated on the complete welding of coupons.

Three consecutive days
8:00 am - 4:00 pm

TUITION: \$60.00

REQUIRED BOOKS: Extra Cost

PRE-REQUISITE: Must be a second period welder apprentice. A minimum of two (2) registered students are required.

AVAILABLE DATES:

**Contact EPT at 780-488-1266
or albertapipetrades.ca
for course offerings**

Carbon Tig F6-F4

***PPE Requirement: CSA boots, leather gauntleted gloves, safety glasses and long sleeved natural fiber shirt. Welding helmet recommended.**

This course is designed to prepare members to test for their Carbon Tig Welding certification. To qualify for the tuition reimbursement, Local 488 members must obtain ABSA certification in the next 12 months.

Monday - Friday
8:00 am - 4:00 pm

TUITION: \$60.00

EXAM FEE: Extra Cost

PRE-REQUISITE: Must be a minimum second year welder apprentice. A minimum of two (2) registered students are required.

AVAILABLE DATES:

**Contact EPT at 780-488-1266
or albertapipetrades.ca
for course offerings**



Welding

SS Tig F6-F5

***PPE Requirement: CSA boots, leather gauntleted gloves, safety glasses and long sleeved natural fiber shirt. Welding helmet recommended.**

This course is designed to prepare members to test for their SS Tig Welding certification. To qualify for the tuition reimbursement, Local 488 members must obtain ABSA certification in the next 12 months.

Monday - Friday
8:00 am - 4:00 pm

TUITION: \$60.00

EXAM FEE: Extra Cost

PRE-REQUISITE: Must be a B Pressure Certified Welder with a Carbon Tig certification and a minimum of four (4) registered students.

AVAILABLE DATES:

**Contact EPT at 780-488-1266
or albertapipetrades.ca
for course offerings**



Inconel Tig F4X-F4X

***PPE Requirement: CSA boots, leather gauntleted gloves, safety glasses and long sleeved natural fiber shirt. Welding helmet recommended.**

This course is designed to prepare members to test for their Inconel Tig Welding certification. To qualify for the tuition reimbursement, Local 488 members must obtain ABSA certification in the next 12 months.

Monday - Friday
8:00 am - 4:00 pm

TUITION: \$60.00

EXAM FEE: Extra Cost

PRE-REQUISITE: Must be a minimum second year welder apprentice. A minimum of two (2) registered students are required.



AVAILABLE DATES:

**Contact EPT at 780-488-1266
or albertapipetrades.ca
for course offerings**

CWB SMAW Course

***PPE Requirement: CSA boots, leather gauntleted gloves, safety glasses and long sleeved natural fiber shirt. Welding helmet recommended.**

This course is designed to prepare beginner to intermediate welders for the four (4) CWB test welds. This course does not include the CWB examination and certification. The examination and certification can be booked by the member at the UA Local 488 Weld Test Center.

 **Monday - Friday**
 **8:00 am - 4:00 pm**

TUITION: \$60.00
EXAM FEE: Extra Cost

PRE-REQUISITE: Must be a minimum second period registered welding apprentice and a minimum of three (3) registered students.



AVAILABLE DATES:

**Contact EPT at 780-488-1266
 or albertapipetrades.ca
 for course offerings**

CWB FCAW Course

***PPE Requirement: CSA boots, leather gauntleted gloves, safety glasses and long sleeved natural fiber shirt. Welding helmet recommended.**

This course is designed to prepare beginner to intermediate welders for the four (4) CWB test welds. This course does not include the CWB examination and certification. The examination and certification can be booked by the member at the UA Local 488 Weld Test Center.

 **Monday - Friday**
 **8:00 am - 4:00 pm**

TUITION: \$60.00
EXAM FEE: Extra Cost

PRE-REQUISITE: Must be a minimum second period registered welding apprentice and a minimum of three (3) registered students.

AVAILABLE DATES:

**Contact EPT at 780-488-1266
 or albertapipetrades.ca
 for course offerings**



Residential Rough In

*** PPE requirements: CSA boots, safety glasses, gloves and a long sleeved shirt.**



This 16 hour course designed to give students hands on training for installation techniques for a typical residential bathroom group: bathtub base, shower valve and shower head, water closet and lav. The student will demonstrate the proper drainage and venting procedures while following the plumbing code as well as manufacturer's specification. Students must demonstrate proper installation of all bathroom components listed above before the end of class.

Classroom component:

- Safety concerns: heavy lifting, slivers, power tools, electricity.

Practical Component:

- Install the with all associated drainage venting and trim Install the water close flange correctly and drainage pipe.
- Install the water closet bowl and tank with appropriately place water line connection.
- Cut hole for bathtub drainage.
- Install the drainage and overflow for the assigned bathtub.
- Install shower valve and shower head as per manufacturer's specifications.

 **Two consecutive days**
 **8:00 am - 4:00 pm**

TUITION: \$60.00
REQUIRED BOOKS: Will be provided

PRE-REQUISITE: This course is open to all members. Minimum three (3) registered students.

AVAILABLE DATES:

**Contact EPT at 780-488-1266
 or albertapipetrades.ca
 for course offerings**



Commercial Rough In

*** PPE requirements: CSA boots, safety glasses, gloves and a long sleeved shirt.**

This 16 hour course designed to give students hands on training for interpretation and installation of the proper drainage and venting of a two story building while following the plumbing code as well as manufacturer's specification.

Two consecutive days
8:00 am - 4:00 pm

TUITION: \$60.00
REQUIRED BOOKS: Will be provided

AVAILABLE DATES:

Contact EPT at 780-488-1266 or albertapipetrades.ca for course offerings

Commercial Faucets and Flushometers

*** PPE requirements: CSA boots, safety glasses, gloves and a long sleeved shirt.**

This course provides students with an introduction to both the installation of commercial faucets and flush valves. The course also demonstrates proper diagnostic and service techniques. Training will include both theory and practical components.

One day
8:00 am - 4:00 pm

TUITION: \$60.00
REQUIRED BOOKS: Will be provided

PRE-REQUISITE: This course is open to all members. Minimum three (3) registered students.

AVAILABLE DATES:

Contact EPT at 780-488-1266 or albertapipetrades.ca for course offerings

Residential Fixture Setting

*** PPE requirements: CSA boots, safety glasses, gloves and a long sleeved shirt.**

This course is designed to give students hands on training for installation techniques for a typical residential fixtures: water closet, lavatory and kitchen sink with garburator

One day
8:00 am - 4:00 pm

TUITION: \$60.00
REQUIRED BOOKS: Will be provided

PRE-REQUISITE: This course is open to all members. Minimum three (3) registered students.

AVAILABLE DATES:

Contact EPT at 780-488-1266 or albertapipetrades.ca for course offerings

Intro to Drain Cleaning

*** PPE requirements: CSA boots, safety glasses, gloves and a long sleeved shirt.**

This 8 hour course is designed to give students hands on training on proper safe use of the following residential drain cleaning equipment: water closet snake, top snake, power snake, camera snake, etc.

Each student must demonstrate how to use the equipment properly and safely before the end of class.

Training will include both theory and practical components.

One day
8:00 am - 4:00 pm

TUITION: \$60.00
REQUIRED BOOKS: Will be provided

PRE-REQUISITE: This course is open to all members. Minimum three (3) registered students.

AVAILABLE DATES:



March 31, 2025

Cross Connection Control Initial Certification

***PPE Requirements: CSA boots, safety glasses**

Certified by American Water Works Association (AWWA), Cross Connection is commonly referred to as Backflow Prevention. Every facility contains multiple points of potentially potable water contamination. This course identifies those areas and provides the code interpretation and knowledge base required of Cross Connection Control Specialists.

You will learn how to determine the proper cross connection prevention device for an application, test the device and demonstrate the skill required to ensure public safety. Upon successful completion of this course and the AWWA examination, the student will qualify as a Cross Connection Control Specialist.

 **Monday - Friday**
 **8:00 am - 4:00 pm**

TUITION: \$60.00 UA member
\$870.00 UA non-member
REQUIRED BOOKS: \$75.00
CERTIFICATION: \$105.00

PRE-REQUISITE: None. Minimum four (4) registered students

AVAILABLE DATES:

October 7-11, 2024
November 18-22, 2024
December 9-13, 2024
January 13-17, 2025
February 24-28, 2025
March 17-21, 2025
April 28-May 2, 2025
May 26-30, 2025
June 16-20, 2025

Cross Connection Control Re-Certification



***PPE Requirements: CSA boots, safety glasses**

This Cross Connection Control Device Testing Re-Certification Challenge Exam offers certified testers the opportunity to challenge the recertification exam. Instruction and study materials will be provided.

Your certification must NOT be expired to write this exam.

A passing grade of 75% is required on both the written and practical portion of the exam.

This challenge exam can only be taken once. If a passing grade is not achieved, students must take the Cross Connection Control Device Testing Certification course again.

 **One day**
 **8:00 am - 4:00 pm**

TUITION: \$60.00 UA member
\$470.00 UA non-member
REQUIRED BOOKS: \$75.00
CERTIFICATION: \$105.00

PRE-REQUISITE: Active/Current AWWA Cross Connection Control Certification. Minimum four (4) registered students

AVAILABLE DATES:

October 21, 2024
November 12, 2024
December 16, 2024
January 20, 2025
February 7, 2025
March 24, 2025
April 14, 2025
May 16, 2025
June 13, 2025





Gasfitter Class A Upgrader

*** PPE requirements: This class is intended as a classroom only course, but if time allows there may be shops, PPE as per instructor direction.**

Completion of Gasfitter Class A Upgrader course does not guarantee an attempt of the AIT Gasfitter A Exam. Students must make provisions with AIT to allow for writing the AIT Gasfitter A exam.

This program is ideally suited for the certified Grade B Gasfitter that has sufficient hours and experience to challenge the AIT Grade A Gasfitter Exam. It is also useful for the HVAC Technician who may want to improve their diagnostic skills and technical knowledge; however, this course does not qualify the HVAC Technician to challenge the Grade A Gasfitter exam.

Key elements of the course are: burner types, flame safeguard relays, schematics and wiring, diagnostics and service, properties of gases, gas trains, limits and controls, mathematics specific to industrial gas appliances and relevant codes.

 **Monday - Friday**
 **8:00 am - 3:00 pm**

TUITION: \$60.00

REQUIRED BOOKS: Extra Cost

PRE-REQUISITES: Journey person Gasfitter B and a minimum of four (4) registered students.



AVAILABLE DATE:

**Contact EPT at 780-488-1266
or albertapipetrades.ca for course offerings**

Introduction to Threading and Grooving

***PPE Requirement: CSA boots, gloves, safety glasses, a long sleeve shirt and no loose clothing.**

This course teaches members the correct method of utilizing threading and grooving machines.

 **One day**
 **8:00 am - 4:00 pm**

TUITION: Free to UA Members

PRE-REQUISITE: This course is open to all members. Minimum three (3) registered students.



AVAILABLE DATES:

**Contact EPT at 780-488-1266
or albertapipetrades.ca for course offerings**

Introduction to Soldering and Brazing

***PPE Requirement: CSA boots, gloves, safety glasses and a long-sleeved shirt.**

This course teaches members the proper techniques to solder and braze copper pipe and fittings.

 **One day**
 **8:00 am - 4:00 pm**

TUITION: Free to UA Members

PRE-REQUISITE: This course is open to all members. Minimum three (3) registered students.

AVAILABLE DATES:



**Contact EPT at 780-488-1266
or albertapipetrades.ca for course offerings**



Introduction to Propress/Wirsbro

***PPE Requirement: CSA boots, gloves, safety glasses and a long-sleeved shirt.**

This course teaches members the proper methods of installing propress and wirsbro joints

 **One day**
 **8:00 am - 4:00 pm**

TUITION: Free to UA Members

PRE-REQUISITE: This course is open to all members. Minimum three (3) registered students.

AVAILABLE DATES:

**Contact EPT at 780-488-1266
or albertapipetrades.ca for course offerings**

**ALBERTA PIPE
TRADES COLLEGE**

16120-118 Avenue

Edmonton, AB T5V 1C6

PHONE 780-488-1266

FAX 780-482-9520

albertapipetrades.ca



Canadian Piping Trades®
LOCAL 488