

# 2022

## COURSE CATALOG



Patrick Ramirez

ARIZONA PIPE TRADES APPRENTICESHIP 2950 W Thomas Rd, Phoenix, AZ 85017

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## CADLearning (Online ONLY)

DESCRIPTION: CADLEARNING IS A UA PARTNER WITH AN ONLINE LIBRARY OF TRAINING MATERIAL COVERING SEVERAL AUTODESK SOFTWARE PACKAGES, AND A WIDE RANGE OF SELF-PACED CURRICULUM. UA MEMBERS CAN GAIN ANNUAL ACCESS TO THIS TRAINING MATERIAL AT A SIGNIFICANT DISCOUNT. STUDENTS CAN TRACK THEIR PROGRESS AND COMPLETED ASSESSMENTS. VISIT THEIR WEBSITE AND CLICK ON LIBRARY TO LEARN MORE: <https://www.cadlearning.com/>  
THIS TRAINING IS OPEN TO ALL MEMBERS BUT IS NOT AN INSTRUCTOR LED CLASS.

### LIBRARY INCLUDES:

AUTOCAD	REVIT	NAVISWORKS BIM 360 GLUE
PLANT 3D	REVIT MEP	DYNAMO BIM 360 FIELD
AND MANY MORE...		

REQUIREMENTS: VALID UA MEMBERSHIP TO RECEIVE DISCOUNT. COMPUTER/LAPTOP CAPABLE OF SUPPORTING AUTODESK MINIMUM SOFTWARE REQUIREMENTS.

CONTACT THE TRAINING CENTER FOR FURTHER INFORMATION:

[PRAMIREZ@PIPETRADES.ORG](mailto:PRAMIREZ@PIPETRADES.ORG)

## VDC Boot Camp

DESCRIPTION: THIS CLASS WILL INTRODUCE STUDENTS TO CONCEPTS OF COLLECTING DATA FROM VARIOUS SOURCES AND APPLYING THEM IN 2D & 3D COMPUTER-AIDED DRAFTING ENVIRONMENT TO CREATE PIPING RELATED MODELS THAT WILL BE USED IN VISUAL COORDINATION WITH OTHER TRADES. THESE MODELS WILL BE USED TO PRODUCE CONSTRUCTIBLE SPOOL AND REFERENCE DRAWINGS. STUDENTS WILL BE FAMILIARIZED WITH BLUEBEAM, AUTOCAD, FABRICATION CADMEP & NAVISWORKS SIMULATE. \*NOTE: DUE TO THE RAPID NATURE OF THIS COURSE SCHEDULE, IT IS STRONGLY ENCOURAGED THAT STUDENTS BE FAMILIAR WITH WINDOWS OPERATING SYSTEM, THE GENERAL USE OF MICROSOFT OFFICE SUITE, AND COMFORTABLE WITH MANAGING A FILE/FOLDER STRUCTURE.

REQUIREMENTS: ELIGIBLE PERSONS ONLY AND APPRENTICES IN THEIR 4TH TO 5TH YEAR (**SUMMER CLASSES ONLY**).

DEPOSIT: THERE IS A \$100 DEPOSIT FOR THE CLASS. REFUNDS WILL BE GIVEN THE LAST DAY OF CLASS. IF YOU DO NOT CANCEL 48 HOURS IN ADVANCE OR YOU DO NOT COMPLETE THE CLASS YOUR DEPOSIT WILL NOT BE REFUNDED.

DATES: MAY 31, 2022 - JULY 21, 2022      T/TH      5:00 pm - 7:30 pm MST

CLICK THE FOLLOWING LINK TO REGISTER: **CLOSED**  
**[NEXT CLASS DATES - TBD](#)**

VIRTUAL DESIGN & CONSTRUCTION COURSES





## Revit

DESCRIPTION: THIS COURSE WILL FAMILIARIZE STUDENTS WITH REVIT SOFTWARE AND THE BASIC FUNCTIONS OF NAVIGATING, SETTING UP A FILE STRUCTURE, WORKING WITH THE INTERFACE, CREATING A PLUMBING/PIPING MODEL AND PRODUCING DRAWINGS FROM THE MODEL.

REQUIREMENTS: ELIGIBLE PERSONS ONLY AND APPRENTICES IN THEIR 3RD TO 5TH YEAR *(SUMMER CLASSES ONLY)*.

DEPOSIT: THERE IS A \$100 DEPOSIT FOR THE CLASS. REFUNDS WILL BE GIVEN THE LAST DAY OF CLASS. IF YOU DO NOT CANCEL 48 HOURS IN ADVANCE OR YOU DO NOT COMPLETE THE CLASS YOUR DEPOSIT WILL NOT BE REFUNDED.

DATES: JUNE 1, 2022 - JULY 18, 2022 M/W 5:00 pm - 8:00 pm

CLICK THE FOLLOWING LINK TO REGISTER: **CLOSED**  
[NEXT CLASS DATES - TBD](#)

## Advanced Revit

DESCRIPTION: THIS COURSE WILL INTRODUCE INTERMEDIATE REVIT USERS TO ADVANCED CONCEPTS. WE WILL LEARN TO CREATE REVIT RFA FILES, COMPOSE DYNAMO GRAPHS, AND ORGANIZE PROJECTS TO MAXIMIZE WORKFLOW EFFICIENCIES.

BY THE END OF THE COURSE STUDENTS WILL BE ABLE TO:

- CREATE SIMPLE AND COMPLEX REVIT FAMILIES.
- COMPOSE DYNAMO GRAPHS.
- MODIFY, MAINTAIN, AND ORGANIZE REVIT PROJECTS.

REQUIREMENTS: STUDENTS SHOULD HAVE COMPLETED A REVIT BASICS COURSE OR HAVE A MINIMUM OF 1 YEAR EXPERIENCE USING THE SOFTWARE.

DEPOSIT: THERE IS A \$100 DEPOSIT FOR THE CLASS. REFUNDS WILL BE GIVEN THE LAST DAY OF CLASS. IF YOU DO NOT CANCEL 48 HOURS IN ADVANCE OR YOU DO NOT COMPLETE THE CLASS YOUR DEPOSIT WILL NOT BE REFUNDED.

DATES: MAY 31, 2022 - JULY 21, 2022 T/TH 5:00 pm - 7:30 pm

CLICK THE FOLLOWING LINK TO REGISTER: **CLOSED**  
[NEXT CLASS DATES - TBD](#)

VIRTUAL DESIGN & CONSTRUCTION COURSES



## Summer Tech Series



NAVISWORKS FREEDOM – FAMILIARIZE WITH BASIC SETUP AND FUNCTIONS OF THE FREE VIEWER, IDENTIFY FILE TYPES, ACCESS FILES, AND NAVIGATION WITHIN THE PROGRAM.

DATE: JUNE 1ST

[CLICK HERE](#)

BLUEBEAM REVU – FAMILIARIZE WITH DOCUMENT REVIEW AND MARKUP OPTIONS USING BLUEBEAM ON COMPUTER AND IPAD. TRAINING WILL ALSO DEMONSTRATE HOW TO COMPARE MULTIPLE DOCUMENTS AND UTILIZE THE BLUEBEAM STUDIO FUNCTIONS.

DATE: JUNE 8TH

[CLICK HERE](#)

MICROSOFT OFFICE BASICS: (TIMECARDS, RFI'S, MATERIAL REQ'S) FOR FIELD SUPERVISION – FAMILIARIZE WITH BASIC COMPUTER SKILLS TO AID IN COMPLETING DIGITAL TIME CARDS, RFI'S, MATERIAL REQUISITIONS AND OTHER TRADE RELATED DOCUMENTATION.

DATE: JUNE 15TH  
JUNE 22ND  
JUNE 29TH

OUTLOOK  
WORD  
EXCEL

[CLICK HERE](#)  
[CLICK HERE](#)  
[CLICK HERE](#)

SERVICE & FIELD VERIFICATION TECHNOLOGY: INTRO TO THERMAL IMAGING, AUGMENTED & VIRTUAL REALITY, DRONE & 360 CAMERA/APP CAPABILITIES – EXPOSURE TO VARIOUS TOOLS ON THE MARKET TODAY THAT IMPROVE CONSTRUCTION INFORMATION GATHERING, INTERPRETATION, VERIFICATION & COMMUNICATION.

DATE: JULY 6TH

[CLICK HERE](#)

LASER SCANNING & ROBOTIC TOTAL STATION OVERVIEW FOR SUPERVISORS – DEMONSTRATION OF THE DEVICES AND A LOOK AT MANAGEMENT PLANNING AND UTILIZATION OF LAYOUT & DATA COLLECTION FOR IMPROVED PRODUCTIVITY AND COLLABORATION.

DATE: JULY 13TH

[CLICK HERE](#)

DEPOSIT: NO DEPOSIT REQUIRED. REGISTRATION RECOMMENDED TO ENSURE YOUR SEAT IN CLASS. ELIGIBLE PERSONS ONLY AND APPRENTICES IN THEIR 3<sup>RD</sup> TO 5<sup>TH</sup> YEAR (**SUMMER CLASSES ONLY**).

VIRTUAL DESIGN & CONSTRUCTION COURSES





## UA/EPRI Industrial Rigging

DESCRIPTION: THIS IS AN ACCELERATED JOURNEYMAN UPGRADE CLASS FOR MEMBERS WHO ARE EXPERIENCED AND PROFICIENT AT RIGGING/SIGNALING AND ARE SEEKING THE CERTIFICATION FROM UA & EPRI. THIS COURSE IS NOT FOR APPRENTICES AND DOES NOT REPLACE THE REQUIRED FIFTH YEAR CLASS. THE ONLINE EXAM WILL TAKE PLACE ON MARCH 13<sup>TH</sup> AND THE PRACTICAL EXAM, MARCH 26<sup>TH</sup>.

REQUIREMENTS: *JOURNEYMAN ONLY*. A UA/EPRI CERTIFICATION EXAM WILL BE ADMINISTERED AT THE END OF THIS COURSE REQUIRING 80% OR BETTER, AS WELL AS A PRACTICAL EXAM FOR CERTIFICATION. THIS IS A UA/EPRI CERTIFICATION. YOU MUST BE A UA MEMBER IN GOOD STANDING TO TAKE THE CERTIFICATION EXAMS.

REGISTRATION DEADLINE FEBRUARY 25<sup>TH</sup>

\*\*\*NO RIGGING CLASSES WILL BE HELD FOR SUMMER 2022\*\*\*

CLICK THE FOLLOWING LINK TO REGISTER: **REGISTRATION CLOSED**

## UA/EPRI Industrial Rigging (Re-Cert Exam)

DESCRIPTION: THE UA/EPRI RIGGING RE-CERTIFICATION TEST IS DESIGNED TO PROVIDE CURRENT EPRI CERTIFIED JOURNEYPERSONS THE OPPORTUNITY TO UPDATE THEIR CERTIFICATION.

REQUIREMENTS: MANDATORY PREP/REVIEW SESSIONS PRIOR TO EXAM. UA/EPRI RE-CERTIFICATION EXAM - 80% OR BETTER.

PREREQUISITES: MUST HAVE CURRENT UA/EPRI RIGGING CERTIFICATION.

DEPOSIT: THERE IS A \$25 REFUNDABLE DEPOSIT FOR THE EXAM. IF YOU DO NOT CANCEL 48 HOURS IN ADVANCE OR YOU DO NOT COMPLETE THE EXAM YOUR DEPOSIT WILL NOT BE REFUNDED.

LOCATION: TEST WILL BE HELD AT THE TRAINING CENTER, IN THE MEDIA LAB.

\*\*\*NO RIGGING EXAMS WILL BE HELD FOR SUMMER 2022\*\*\*

CLICK THE FOLLOWING LINK TO REGISTER: **PENDING**

JOURNEYMAN UPGRADE COURSES





## Tube Bending

DESCRIPTION: INTRODUCTION TO THE PROGRESSIVE METHOD OF BENDING TUBING. CLASS IS MONDAY THROUGH THURSDAY FOR 2 WEEKS FROM 5PM TO 9PM.

REQUIREMENTS: MUST BE DRESSED FOR WORK.

PREREQUISITES: NONE.

DATES:	SESSION 1:	6/4/22	6/11/22	6/18/22	6/25/22
	SESSION 2:	7/9/22	7/16/22	7/23/22	7/30/22
	6:00 AM - 2:00 PM				

CLICK THE FOLLOWING LINK TO REGISTER: **ROSTERS FILLED BY EXISTING WAITLIST**

## Orbital Welding

DESCRIPTION: THIS CLASS WILL COVER AUTOMATIC ORBITAL WELDING SAFE PRACTICES AND EQUIPMENT USE, USING THE ARC 107, 207, 205, AND 217 MACHINES. CERTIFICATION FOR THE UA-18A TEST WILL BE ADMINISTERED AFTER ALL PIPE SIZES HAVE BEEN DEMONSTRATED AND COUPONS APPROVED BY THE INSTRUCTOR.

FOR JOURNEYMEN ONLY

REQUIREMENTS: **ELIGIBLE PERSONS ONLY**. UA MEMBER IN GOOD STANDING. MUST BE DRESSED FOR WORK. ATTENDANCE IS REQUIRED FOR THIS COURSE. PRACTICAL WILL BE SENT OUT FOR X-RAY.

DATES:	T/TH:	9/13/2022 - 10/27/2022	5:00 PM - 9:00 PM
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**\*CLASS HAS BEEN FILLED REGISTRATION IS CLOSED\***

JOURNEYMAN UPGRADE COURSES







## GF/IR Fusion

DESCRIPTION: THIS IS A 20 HOUR CLASS FOR QUALIFYING TO ASME B31.3 IR FUSION FOR PVDF AND PE PIPE AND FITTINGS. SUCCESSFUL CANDIDATES WILL BE ISSUED PROCEDURE QUALIFICATION RECORDS (IF/FPQR) FOR PVDF AND PE.

REQUIREMENTS: **ELIGIBLE PERSONS ONLY.** MUST ATTEND ALL TRAINING SESSIONS.

PREREQUISITES: INSERT PREREQUISITES.

DEPOSIT: THERE IS A \$100 DEPOSIT FOR THE CLASS. REFUNDS WILL BE GIVEN THE LAST DAY OF CLASS. IF YOU DO NOT CANCEL 48 HOURS IN ADVANCE OR YOU DO NOT COMPLETE THE CLASS YOUR DEPOSIT WILL NOT BE REFUNDED.

LOCATION: THIS CLASS WILL BE HELD AT THE TRAINING CENTER, RM 2 & ORBITAL/IR LAB.

\*\*\*NO IR CLASSES WILL BE HELD FOR SUMMER 2022\*\*\*

CLICK THE FOLLOWING LINK TO REGISTER: **PENDING**

## OSHA 30

DESCRIPTION: THIS COURSE PROVIDES THE OSHA OUTREACH TRAINING FOR THE OSHA 30 CARD. STUDENTS WHO SUCCESSFULLY COMPLETE THIS COURSE WILL OBTAIN AN OSHA 30HR CARD FROM AN AUTHORIZED OTI.

REQUIREMENTS: FOR ONLINE CLASS: AFTER YOU REGISTER YOU WILL BE PROVIDED INSTRUCTIONS AND LOGIN INFORMATION IN A SEPARATE EMAIL. YOU HAVE 6 MONTHS TO COMPLETE THE COURSE ONCE YOU REGISTER.

DEPOSIT: THERE IS A \$35 COST FOR THE CLASS FOR APPRENTICES AND \$135 COST FOR JOURNEYMEN. NO REFUNDS WILL BE GIVEN.

PREREQUISITES: NONE

ONLINE CLASSES:

CLICK ONE THE FOLLOWING LINKS TO REGISTER FOR THAT MONTH ONLINE SESSION:

[JANUARY](#)

[FEBRUARY](#)

[MARCH](#)

[APRIL](#)

[MAY](#)

[JUNE](#)

[JULY](#)

[AUGUST](#)

[SEPTEMBER](#)

[OCTOBER](#)

[NOVEMBER](#)

[DECEMBER](#)

JOURNEYMAN UPGRADE COURSES







## UA/MCAA Foreman Cert

DESCRIPTION: THE UA/MCAA FOREMAN CERTIFICATION COURSE IS DESIGNED TO PROVIDE CURRENT SUPERVISION AND PROSPECTIVE SUPERVISION THE NECESSARY INFORMATION TO IMPROVE THEIR CURRENT PERFORMANCE AND THE LEADERSHIP SKILLS TO RUN AN EFFECTIVE CREW.

REQUIREMENTS: UA/MCAA CERTIFICATION EXAM - 80% OR BETTER TO RECEIVE THE CERTIFICATION. **MUST ATTEND ALL 6 CLASS NIGHTS TO BE ELIGIBLE TO TEST ON 10/1/22.**

LOCATION: UA LOCAL 469 3109 N. 24<sup>TH</sup> ST. PHOENIX, AZ 85016

DATES:	9/13/22	9/15/22	9/20/22	9/22/22
	9/27/22	9/29/22	10/1/22 (8:00 AM)	

TIME: 5:00 PM - 9:00 PM

CLICK THE FOLLOWING LINK TO REGISTER: [CLICK HERE](#)

## UA/MCAA Foreman Re-Cert (Test Only)

DESCRIPTION: THE UA/MCAA FOREMAN RE-CERTIFICATION TEST IS DESIGNED TO PROVIDE CURRENT SUPERVISION AND PROSPECTIVE SUPERVISION THE OPPORTUNITY TO UPDATE THEIR CERTIFICATION.

REQUIREMENTS: UA/MCAA CERTIFICATION EXAM - 80% OR BETTER.

PREREQUISITES: MUST HAVE TAKEN UA/MCAA FOREMAN CLASS.

LOCATION: TEST WILL BE HELD AT THE TRAINING CENTER, IN THE CAD LAB.

DATES: (QUARTERLY, BASED ON INTEREST)

OCTOBER 1<sup>ST</sup> 2022

8:00 AM

CLICK THE FOLLOWING LINK TO REGISTER: [CLICK HERE](#)

**MUST REGISTER BY 9/15/2022**

JOURNEYMAN UPGRADE COURSES





## Weld Shop Schedule

# SUMMER WELD LAB HOURS

TUESDAY / WEDNESDAY NIGHTS:

5:00 PM – 8:30 PM

SATURDAYS:

6:00 AM – 12:00 PM

## UA Welding Test, Recertification & Continuity

**Description:** Designed for people who must do recertification, continuity, or a welding test on any certifications. These Certifications may include PVC bonding, GFIR fusion recertification (polypro and polyethylene), Orbital, Medgas Brazing, Soldering & UA welding certs.

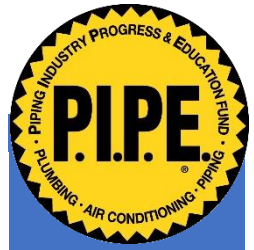
- **UA Welding Certs:** You must pre-qualify with one of the welding instructors, get signed off to test then turn the form in the day before test day by 12pm to Lisa Van Kirk or email the form to [lisav@pipetrades.org](mailto:lisav@pipetrades.org)
- **Recertification of Orbital, PVC, Soldering & Brazing, GFIR fusion:** You must come in on the 2<sup>nd</sup> Saturday of the month to recertify. For **Orbital Welding** you must REGISTER by emailing Lisa Van Kirk at [lisav@pipetrades.org](mailto:lisav@pipetrades.org).
- **Continuity:** You must show up on the 2<sup>nd</sup> Saturday of the month at 7am. NO REGISTRATION IS NEEDED

<u>Date</u>	<u>Time</u>
January 8, 2022	7:00 AM
February 12, 2022	7:00 AM
March 12, 2022	7:00 AM
April 9, 2022	7:00 AM
May 14, 2022	7:00 AM
June 11, 2022	7:00 AM
July 9, 2022	7:00 AM
August 13, 2022	7:00 AM
September 10, 2022	7:00 AM
October 8, 2022	7:00 AM
November 12, 2022	7:00 AM
December 10, 2022	7:00 AM

WELD SHOP SCHEDULE



CLICK ON THE IMAGE PROVIDED TO ACCESS THE WEBSITE



PIPING INDUSTRY PROGRESS AND EDUCATION TRUST FUND



## **PLASTIC BONDING CERTIFICATION** **2022 SCHEDULE**

**LOCATION:** Arizona Pipe Trades Apprenticeship  
2950 W. Thomas Rd. Phoenix 85017

### **This Class is Held Once a Month**

Each month the class is on Tuesday & Thursday from 5:00-9:00 & test Saturday at 7:00 a.m.

- January 11<sup>th</sup> & 13<sup>th</sup>, test on 15<sup>th</sup>
- February 15<sup>th</sup> & 17<sup>th</sup>, test on 19<sup>th</sup>
- March 15<sup>th</sup> & 17<sup>th</sup>, test on 19<sup>th</sup>
- April 12<sup>th</sup> & 14<sup>th</sup>, test on 16<sup>th</sup>
- May 17<sup>th</sup> & 19<sup>th</sup>, test on 21<sup>st</sup>
- June 14<sup>th</sup> & 16<sup>th</sup>, test on 18<sup>th</sup>
- July 12<sup>th</sup> & 14<sup>th</sup>, test on 16<sup>th</sup>
- August 16<sup>th</sup>, & 18<sup>th</sup>, test on 20<sup>th</sup>
- September 13<sup>th</sup> & 15<sup>th</sup>, test on 17<sup>th</sup>
- October 11<sup>th</sup> & 13<sup>th</sup>, test on 15<sup>th</sup>
- November 15<sup>th</sup> & 17<sup>th</sup>, test on 19<sup>th</sup>
- December 13<sup>th</sup> & 15<sup>th</sup>, test on 17<sup>th</sup>

RSVP to: P.I.P.E. # 480-966-0377 Or [mpharris@pipetrust.org](mailto:mpharris@pipetrust.org)



P.I.P.E. COURSES



CLICK ON THE IMAGE PROVIDED TO ACCESS THE WEBSITE

**BACKFLOW TESTER CERTIFICATION****SCHEDULE – 2022**

Individuals need to have a City of Phoenix Journeyman License or a notarized letter on company letterhead stating that the individual applying for certification has at least five (5) years experience of plumbing or a related industry field, per ASSE Series 5000 Standard #5110.

We need a minimum of 10 students to hold the class.

Please contact P.I.P.E./SSTA @ 480-966-0377 or email it to [cmayeux@pipetrust.org](mailto:cmayeux@pipetrust.org)

**Backflow Tester Certification will be held on the following dates:**

Jan. 17 <sup>th</sup> – Jan. 22 <sup>nd</sup>	7:00 am – 3:00 pm Mon. thru Sat.
Feb. 28 <sup>th</sup> – March 5 <sup>th</sup>	7:00 am – 3:00 pm Mon. thru Sat.
March 28 <sup>th</sup> – April 2 <sup>nd</sup>	7:00 am – 3:00 pm Mon. thru Sat.
May 2 <sup>nd</sup> – May 7 <sup>th</sup>	7:00 am – 3:00 pm Mon. thru Sat.
July 11 <sup>th</sup> – July 16 <sup>th</sup>	7:00 am – 3:00 pm Mon. thru Sat.
Aug. 29 <sup>th</sup> – Sept. 3 <sup>rd</sup>	7:00 am – 3:00 pm Mon. thru Sat.
Sept. 26 <sup>th</sup> – Oct. 1 <sup>st</sup>	7:00 am – 3:00 pm Mon. thru Sat.
Oct. 31 <sup>st</sup> – Nov. 5 <sup>th</sup>	7:00 am – 3:00 pm Mon. thru Sat.

**MUST WEAR CONSTRUCTION WORK CLOTHES ATTIRE AND BRING PROPER PPE**

**Location:** Arizona Pipe Trades Apprenticeship  
2950 W. Thomas Rd. Phoenix In Bldg. 6

**RSVP:** [cmayeux@pipetrust.org](mailto:cmayeux@pipetrust.org) or 480-966-0377

**Fee:** UA Members - \$230.00 Non-UA Members - \$700.00

Make check payable to **SSTA 125 S. 52<sup>nd</sup> Street, Tempe, AZ 85281**

We do accept credit cards—call 480-966-0377.



P.I.P.E COURSES





CLICK ON THE IMAGE PROVIDED TO ACCESS THE WEBSITE



## P.I.P.E./SSTA BACKFLOW RECERTIFICATION PROGRAM

### 2022



### Certification Information and Requirements

As a prerequisite to successful recertification, an 8-hour review course must be completed.

There are two options for recertification:

- An Online Refresher Course, Fee \$330.00
  - An 8-hour Instructor Led Refresher Course, Fee \$380.00
1. **The Online Refresher Course** is a self-paced study course/practice exam, you take at your convenience wherever you have access to the internet. All the reference materials are included in the fee. Upon successful completion of the course you will register for the final proctored written and performance exam which will be held every month on the last Saturday of the month (unless there is a holiday). The fee for the Online Refresher Course is \$330.00.
  2. **The Instructor Led Course** is held the last 2 Saturdays of each month. **You must attend both days.** The first Saturday is an 8-hour review and study course. The second Saturday is the Written and Performance Exams. The fee for the Instructor Led Course is \$380.00.

**PROPER JOB SITE DRESS ATTIRE MUST BE WORN. NO SHORT PANTS, SLEEVELESS SHIRTS OR FLIP FLOPS ARE ALLOWED. PLEASE BRING PROPER PPE.**

**BACKFLOW RECERTIFICATION WILL BE HELD ON THE FOLLOWING DATES:**

Jan. .22 <sup>nd</sup> & 29 <sup>th</sup>	7:00 a.m. – 3:00 p.m.
Feb 19 <sup>th</sup> & 26 <sup>th</sup>	7:00 a.m. – 3:00 p.m.
March 19 <sup>th</sup> & 26 <sup>th</sup>	7:00 a.m. – 3:00 p.m.
April 23 <sup>rd</sup> & 30 <sup>th</sup>	7:00 a.m. – 3:00 p.m.
May 14 <sup>th</sup> & 21 <sup>st</sup>	7:00 a.m. – 3:00 p.m.
June 18 <sup>th</sup> & 25 <sup>th</sup>	7:00 a.m. – 3:00 p.m.
July 23 <sup>rd</sup> & 30 <sup>th</sup>	7:00 a.m. – 3:00 p.m.
August 20 <sup>th</sup> & 27 <sup>th</sup>	7:00 a.m. – 3:00 p.m.
Sept 17 <sup>th</sup> & 24 <sup>th</sup>	7:00 a.m. – 3:00 p.m.
Oct 22 <sup>nd</sup> & 29 <sup>th</sup>	7:00 a.m. – 3:00 p.m.
Nov 12 <sup>th</sup> & 19 <sup>th</sup>	7:00 a.m. – 3:00 p.m.

**\*1<sup>st</sup> Saturday is the Instructor Led Course, held at the P.I.P.E./SSTA Office, 125 S. 52<sup>nd</sup> St. Tempe, AZ 85281**

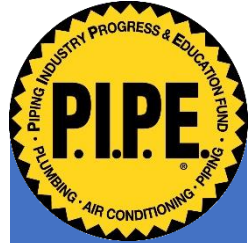
**\*2<sup>nd</sup> Saturday is the Proctored hands-on & written test, held at the Arizona Pipe Trades Apprenticeship, 2950 W. Thomas Rd. Phoenix, AZ 85017 in Bldg. 6.**



P.I.P.E COURSES



CLICK ON THE IMAGE PROVIDED TO ACCESS THE WEBSITE



## BACKFLOW REPAIRER 2022 Schedule



### DAY CLASES – 7AM – 3PM

February 7<sup>th</sup> – February 11<sup>th</sup>April 18<sup>th</sup> – April 22<sup>nd</sup>June 6<sup>th</sup> – June 10<sup>th</sup>August 15<sup>th</sup> – August 19<sup>th</sup>October 10<sup>th</sup> – October 14<sup>th</sup>December 5<sup>th</sup> – December 9<sup>th</sup>

All classes are held at Arizona Pipe Trades Apprenticeship

2950 W. Thomas Rd. Phoenix, 85017 in Bldg. 6

7:00am – 3:00pm Monday-Thursday 7am – 10:30 Friday

**DESCRIPTION:** This is a 30-hr. advanced course for individuals currently holding Backflow Assembly Tester Certifications. Class time is spent in the Wet Lab and classroom. This is a Hands-On class for experienced testers for the repair and maintenance of large Backflow Assemblies from various manufactures.

### **PRE-REQUESITE:**

Must hold a current Backflow Assembly Tester Certification

We will need a copy of your current Tester ID or certificate

### **COURSE OBJECTIVE**

Upon successful completion of written and performance exams, participants will be able to perform the following:

- Correctly disassemble and reassemble ½ “thru 8” Assemblies from various manufactures
- Demonstrate safe work practices
- Comprehensive understanding of Backflow Assembly Testing
- Special Tools

**MUST WEAR CONSTRUCTION WORK CLOTHES ATTIRE AND BRING PROPER PPE, INCLUDING A MASK**

**To Register** call the P.I.P.E./SSTA Office - 480-966-0377 or email to [cmayeux@pipetrust.org](mailto:cmayeux@pipetrust.org)

**Fee: \$420.00**



P.I.P.E. COURSES



CLICK ON THE IMAGE PROVIDED TO SUBMIT AN EMAIL REQUESTING MORE INFORMATION



### P.I.P.E. SAFETY TRAINING – 2022



**4<sup>TH</sup> TUESDAY OF EACH MONTH**

**P.I.P.E. Office**

**125 S. 52<sup>nd</sup> Street, Tempe 85281**

**TIME: 4:00 PM – 6:00 PM**

**Unless As Noted Below with A Different Time**

January 25 <sup>th</sup>	-	First Aid/CPR <u>4:00 – 8:00</u>
February 22 <sup>nd</sup>	-	Fall Protection
March 22 <sup>nd</sup>	-	Blood Borne Pathogens
April 26 <sup>th</sup>	-	First Aid/CPR 4:00 – 8:00
May 24 <sup>th</sup>	-	Lockout-Tagout
June 25 <sup>th</sup> (Saturday-7am)	-	Forklift (Warehouse Pneumatic Tire Forklifts)@AZ Pipe Trades
July 26 <sup>th</sup>	-	First Aid/CPR <u>4:00 – 8:00</u>
August 23 <sup>rd</sup>	-	Hazcom
September 27 <sup>th</sup>	-	PPE
October 25 <sup>th</sup>	-	First Aid/CPR 4:00 – 8:00
November	-	No Class
December	-	No Class



P.I.P.E. COURSES





CLICK ON THE IMAGE PROVIDED TO SUBMIT AN EMAIL REQUESTING MORE INFORMATION



**CITY OF PHOENIX  
MECHANICAL & GAS CODE  
JOURNEYMAN LICENSE REVIEW CLASS**

**February 15<sup>th</sup> thru March 17<sup>th</sup>, 2022**

**2018 MECHANICAL & FUEL GAS - CODE REVIEW CLASS**

Description: The purpose of this course is to provide a working knowledge of the 2018 IMC & IFGC for preparation to take the City of Phoenix licensing exam. This course contains classroom lecture, case studies, online content, and practice tests. This is a review / update course for Journeypersons with HVAC experience. Time will not be spent covering common HVAC terminology.

**THIS IS A 30 HOUR CLASS – 10 EVENINGS – Tuesdays & Thursdays**

5:00 pm – 8:00 pm each evening

**Location:** P.I.P.E. / SSTA Office, 125 S. 52<sup>nd</sup> Street, Tempe

**Class Fee:** \$200.00

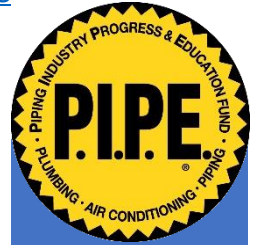
We provide a Proctor on the 11<sup>th</sup> night, March 22<sup>nd</sup> in order for individuals to take the test.  
**Test Fee: \$100.00**

**You are required to have the 2018 IMC Code Book and Study Companion and the 2018 IFGC Code Book and Study Companion.**

Code Books may be purchased at [www.techstreet.com](http://www.techstreet.com) , [www.iccsafe.org](http://www.iccsafe.org) , [www.buildersbook.com](http://www.buildersbook.com) , [www.contractorresource.com](http://www.contractorresource.com) or online at Amazon.

**(BOOKS ARE NOT INCLUDED in the class fee)**

Contact P.I.P.E. 480-966-0377 To Register or [mpharis@pipetrust.org](mailto:mpharis@pipetrust.org)



P.I.P.E. COURSES



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# First Aid/CPR Training



The CPR course gives instruction on CPR for adult, child and infant; choking; recognition, prevention and treatment of cardiopulmonary emergencies and stroke.

The First Aid training covers recognizing the signs and symptoms of sudden illness or injury, and how to respond while maintaining your own safety. It also covers how to splint fractures, control bleeding, treat victims for shock as well as many other emergency situations encountered by rescuers every day. It also discusses what is needed to prepare for a medical emergency.

**This is an OSHA compliant training course**

Date: January 25<sup>th</sup>, 2022

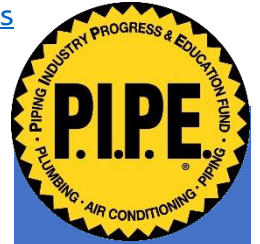
Time: 4:00 PM - 8:00 PM

Location: P.I.P.E.  
125 S 52<sup>nd</sup> St Tempe, AZ 85281

Training Instructor: Jeff Nordstrand with Alliance Safety

This course is open to spouses and children, ages 14 and older.  
Please call and let us know if you want to register a spouse or children 480-966-0377.

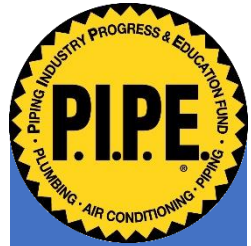
RSVP @ [mpharris@pipetrust.org](mailto:mpharris@pipetrust.org)



P.I.P.E COURSES



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## Medical Gas Systems Installers Course

A Medical Gas System Installers Course has been scheduled. We need a minimum of 10 students to hold the class. **Please register ASAP**, by calling P.I.P.E at 480-966-0377 or email to: [cmayeux@pipetrust.org](mailto:cmayeux@pipetrust.org)

Individuals need to have a City of Phoenix Journeyman License or per ASSE Series 6000 Standard #6010, **a notarized letter on company letterhead stating that the individual applying for certification has at least five (4) years' experience of plumbing or a related industry field.**

NFPA 99-2021 *Standard for Health Care Facilities* is covered in this class. Installers include anyone who works on or installs piping or components, in healthcare facilities including Dental offices. The purpose of this class is to provide the minimum performance criteria, for Medical Gas Systems Installers to assure compliance with ASSE Standard 6010.

Students will be required to successfully complete a written examination as well as a brazing practical exam in which you will be required to braze vertical and horizontal full-penetration joints on 1 ½" copper tubing.



**Each student will need to bring to class, highlighters and page tabs**

This is a 40 Hour Training Course scheduled to begin May 16<sup>th</sup>

Class is Monday - Friday, May 16<sup>th</sup> – 20<sup>th</sup>, 2022.

**Time: 7:00 am – 3:00 pm**

**Location: P.I.P.E. 125 S. 52<sup>nd</sup> Street, Tempe, AZ 85281**

**Fee: \$150.00 per Student,**



The cost includes NFPA 99-2021 Codebook and ASSE Series 6000, Professional Qualifications Standard for Medical Gas Systems Personnel.

P.I.P.E COURSES

