

# BOILER TRAINING



**IN-PERSON TRAINING**

**CUSTOM TRAINING**

**ONLINE BOILER TRAINING**

## **LEARN FROM BOILER INDUSTRY PROFESSIONALS**

**WARE Boiler University Instructors are not just professional educators – they are highly seasoned veterans who have experienced many years working in the boiler industry.**



## ABOUT US

Boiler University is a division of WARE and has turned decades of experience from the industry's leading professionals into engaging, hands-on courses designed with the way you learn in mind. Our program is college accredited and perfect for continuing education platform for anyone involved in the industrial boiler industry.

Boiler University began in 1993 and now includes a 12,000 sq ft facility with Boiler Lab that provides hands-on opportunities with our four fully operational lab boilers and other essential boiler room equipment such as a deaerator, feedwater tank and more.

## ACCREDITED BY WESTERN KENTUCKY

Boiler University is an accredited continuing adult education class through Western Kentucky University.

## KENTUCKY HVAC JOURNEYMAN

Boiler University classes held in Kentucky are approved as continuing education for HVAC Journeyman license holders in KY.



[wareboileruniversity.com](http://wareboileruniversity.com)





# IN-PERSON TRAINING CLASS DESCRIPTIONS

## **Boiler U 101 - \$1600.00**      **Survey of Boiler Room, Components, Operation**

A two-day introduction to the boiler room, covering all of the important aspects from water treatment, to boiler operations, to condensate systems. This seminar style, media-rich class offers a great first look at boilers for beginners, a great review for operators, and will provide a roadmap to keep your boiler room on the right track. This class is offered at our Chattanooga, TN, Evansville, IN and other rotating locations.

## **Boiler U 102 - \$800**      **Steam System Components and Design - An Overview**

A one-day class that provides an overview of the basic steam system from the Boiler through Steam Distribution and Measurement to Point of Use and then ultimately back to the Boiler. This will be a combination of classroom and live demonstration training. Attendees will be able to learn and see the operation of basic components and system elements such as Boilers, Pressure Reducing and Control Valves, Steam Traps, and Condensate Pumps. Boiler U 102 is offered by request only. 7 Professional Development Hours (PDH) and 0.7 CEU's

## **Boiler U 201 - \$2200.00**      **In-Depth Boiler Room, Components, Operation with Lab**

A three-day, immersive experience held at our Louisville Boiler Lab. This course provides hands-on opportunities on many subjects with our four fully operational lab boilers and other essential boiler room equipment such as a deaerator, feedwater tank and more. After taking our Boiler U 101 course, 201 is a great next step for those who are new to boilers, still have questions and want more hands-on experience. For seasoned operators and contractors, 201 is a great refresher course where you will gain valuable insight from displays, such as our fully glass piped steam and condensate system demonstrator.

## **Boiler U 301 - \$2500.00**      **Hands-On Firetube and Deaerator Open/Close**

Three-day full experience of opening, preparing, and closing boiler room equipment in the inspection process. Class covers: introduction, drain and LOTO, open boiler, open DA, material list for inspection, tube and vessel inspection and relief valves, burner inspection/air inlet and pilot, refractory inspection and patching, sight glass replacement, waterside close, hydrostatic test, fireside close, warming - test limits and safeties, and verify combustion.

## **Boiler U 302 - \$2500.00**      **Principles and Combustion**

Three-day course starting with introduction to combustion principles and including hands-on tuning opportunities. This will cover gas trains including regulator, linkage setup and parallel position tuning experience. Class covers: introduction, gas trains, regulators, linkage setup and parallel positioning setup.

## **Boiler U 303 - \$2500.00**      **Hands On Flame Safeguard and Boiler Control Wiring**

Three-day in-depth analysis and hands-on opportunity to explore, wire, and troubleshoot flame safeguards and other combustion components in the boiler room. Class covers: introduction, principle of combustion, gas trains, regulators, linkage setup, and parallel positioning setup.

## **CLASSES INCLUDE HOT BREAKFAST AND LUNCH**



# CUSTOM BOILER TRAINING



## HANDS-ON COURSES TAILORED TO YOU

Take WARE Boiler University's acclaimed hands-on training process and customize it to suit your specific company's needs.

### HANDS-ON TRAINING

Boiler University students will have the opportunity to see, touch, and troubleshoot nearly every component they might encounter right on your boiler equipment.



### BRING THE CLASS TO YOUR FACILITY

WARE will work with you in order to bring Boiler University to your facility, making this program convenient, productive, and worthwhile.



### A SMART INVESTMENT

Unmatched training on the machines your employees operate is a smart investment towards higher productivity, safer operations, and guaranteed boiler expertise.



## CUSTOM CLASSES CHOOSE FROM THE FOLLOWING TOPICS

- Introduction to WARE
- Boiler room overview
- Water Softeners : Operation, testing, and troubleshooting
- Feedwater Systems : Pumps, DA, controls, troubleshooting
- Boiler chemistry basics, testing
- Feedwater control principles and troubleshooting
- On-Boiler limit familiarization
- Boiler preventative maintenance: Daily, Weekly
- General boiler operating procedures -  
Startup, shutdown, auto-manual operation
- Flame safeguard sequence of operation and troubleshooting
- Burners, gas trains, principles of combustion
- Boiler room general troubleshooting exercises
- Steam system principles and troubleshooting
- Condensate system principles and troubleshooting
- Boiler LOTO identification
- Boiler Annual preventative Maintenance

Don't see what you are looking for, contact us and we'll design a class just for your company.

AN INVESTMENT IN EDUCATION IS

# ONLINE BOILER TRAINING

**BE SAFE • BE SMART • BE EFFICIENT**



## ONLINE BOILER UNIVERSITY

WARE Boiler University has taken it's in person classes and created a new training experience on-line over a 30 day period, which allows you to take this comprehensive training at your convenience.

### **OnLine Boiler U 101 - \$795.00**

Introduction to the boiler room, covering all the important aspects from water treatment to boiler operations, to condensate systems. This seminar style, media-rich class offers a great look at boilers for beginners, a great review for operators, and will provide a roadmap to keep your boiler room on the right track. Class Covers: water softners, boiler system chemistry, boiler feedwater system, boiler types and overviews, burners and components, combustion, boiler operations, boiler maintenance and inspections, energy savings options, steam system fundamentals and traps.

### **OnLine Modulation Motors - \$295.00**

Honeywell Modutrol Motors are used throughout the boiler world for firing rate position control, feedwater valve positioning, and many other applications. We will guide students through their applications, setup, and testing.

**Completion Certificate provided after completion of each online class.**

**AN INVESTMENT IN PLANT SAFETY**



**ON-LINE REGISTRATION**  
**SIGN UP FOR WARE BOILER UNIVERSITY**

**Ready to learn?**  
**There's no time like the present.**

**Register online at**  
**wareboileruniversity.com**



## CONTACT US

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**WARE Boiler University is a subsidiary of WARE**

**Be Safe. Be Smart. Be Efficient.**



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