



All in-person SAPT courses are scheduled by waitlist demand and instructor availability.

Book and exam fees are non-refundable.

## Course Descriptions

### Industrial Rigging

*Duration: 60 hours*

*Materials: ITP Crane & Rigging Handbook*

*Fees: None*

The objective of the United Association Industrial Rigging & Crane Signaling Certification Program is to provide highly qualified Industrial Riggers & Crane Signalers to fulfill the quality and workmanship requirements governing rigging activities. This course includes hands-on practical exercises and classroom sessions.

### Signal Person

*Duration: 8 hours*

*Materials: Crane Signal Booklet*

*Fees: None*

This course will convey the knowledge and standards required for the safe operation of mobile and tower cranes. Students will be given a written and practical exam by the NCCCO.

## National Inspection Training Certification Corporation (NITC) STAR

Apprentices are required to pass their respective STAR exam as a prerequisite for turnout. Other UA Members, particularly those who have organized into the industry, may wish to pursue this certification. Please see more on NITC exam costs and processing under the Third Party Exams, Course Fees and Rules hyperlink.

### HVACR STAR Prep

*Duration: 12 hours*

*Materials: None*

*Fees: None*

This course will provide information to assist the student in passing the HVAC/R STAR certification.

### Plumber STAR Prep

*Duration: 12 hours*

*Materials: None*

**Fees: None**

This course will provide information to assist the student in passing the Plumber STAR certification.

## **Steamfitter STAR Prep**

**Duration: 12 hours**

**Materials: None**

**Fees: None**

This course will provide information to assist the student in passing the Steamfitter STAR certification.

## **City of Seattle - Trades Licensing Division**

Commercial Plumber, Steamfitter and HVAC/R Apprentices are required to earn a Seattle Gas License as a prerequisite for turnout. HVAC/R Apprentices additionally must earn the Seattle Refrigeration License (there is an online Refrigeration License Prep course). All of these licenses are required by the city for specific work. Please see more on City of Seattle exam costs and processing under the Third Party Exams, Course Fees and Rules hyperlink.

### **City of Seattle Gas License Exam Prep**

**Duration: 4 hours**

**Materials: SAPT Reproduction Binder**

**Fees: \$122.55 License; \$55.15 Exam Fee**

In this course, students will learn the properties of natural gas and propane, including molecular structures and hazards associated with combustible gasses. They will identify the materials and fittings used to install gas piping, and will size fuel and non-fuel gas piping systems using specific calculations, and the International Fuel Gas Code tables. They will use the International Fuel Gas Code with Seattle Amendments to vent appliances, identify and order valves and regulators used to install and operate gas piping, and explain relevant chapters and sections of the International Fuel Code with Seattle Amendments.

### **City of Seattle Refrigeration License Exam Prep**

**Duration: 4 hours**

**Materials: SAPT Reproduction Binder**

**Fees: \$122.55 License; \$55.15 Exam Fee**

### **City of Seattle Boiler License Level IV & III**

**Duration: 80 hours**

**Materials: None**

**Fees: \$122.55 License; \$55.15 Exam Fee**

The class will cover boiler theory, introduction boiler fittings and safety devices. Basic boiler operations, boiler room management and best practices. Review the Steam Engineer and Boiler

Operator License Law. This Boiler Operator Course has been approved by the Seattle Department of Construction & Inspections.

## **City of Seattle Boiler License Refresher**

*Duration: 8 hours*

*Materials: None*

*Fees: None*

The refresher class will review boiler theory, introduction boiler fittings and safety devices for individuals who earned the City of Seattle Boiler License Level IV. This refresher course has been approved by the Seattle Department of Construction & Inspections.

## **Boiler Maintenance & Service**

*Duration: 15 hours*

*Materials: None*

*Fees: None*

Boilers are crucial to the delivery of hot water to both potable and hydronic systems. This course is designed to teach apprentices the basic structure and anatomy of boilers, to provide an overview of the order of operations, and to give an introduction to boiler safety.