

# 2024 ENGINE & COMPRESSOR TRAINING

Mazerole Training Center in Houston, Texas

## Cooper Technical Training & Hands-On Workshops for Engines & Compressors



A well-trained staff, educated in the fundamental operation of your compression and power generation equipment, is one of your best tools for improving performance, minimizing downtime, reducing your overall operating costs, and maintaining a safer operation. Cooper Machinery Services (Cooper) has created the Mazerole Training Center, a dedicated training facility located in Houston, Texas, for just this purpose. Cooper's training center is designed to educate customers, operators, and maintenance personnel in the specifications, operation, and routine servicing of their large-bore integral and high-speed engine and compression equipment.

Cooper offers standard and custom training (classroom & hands-on workshops) for most large and medium-sized engines and compressors in gas service. Every month, Cooper offers open enrollment classes for individuals or small groups of people interested in learning more about their equipment's operation and maintenance.

Seats are available for our upcoming open enrollment courses. For additional course details, please visit our website at [www.cooperservices.com/training](http://www.cooperservices.com/training).

## Fundamentals Of Integral Engines & Compressors Course



**Brands:** Clark, Cooper-Bessemer®, Dresser-Rand, Ingersoll-Rand, and Worthington

**Classroom Objective:** Knowledge & comprehension of the equipment components and their function, basic operation, and subsystems used with the large-bore integral engine-compressor units.

Classroom Only - 4.5 Days (\$1,960 per person)

May 20-24, 2024 (Houston, TX)

Oct. 28 - November 1, 2024 (Houston, TX)

## Reciprocating Compressor Course & Workshop



**Brands:** Ariel, Clark, Gemini™, Ingersoll-Rand, Superior™, and Worthington

**Classroom Objective:** Knowledge & comprehension of the equipment components and their function, basic operation, and common maintenance practices used with the high-speed compressor and accessories.

Classroom + Workshop - 4 Days (\$1,960 per person)

Jan. 22-25, 2024 (Houston, TX)

March 11-15, 2024 (Houston, TX)

May 13-16, 2024 (Houston, TX)

July 15-18, 2024 (Houston, TX)

July 22-25, 2024 (Houston, TX)

Sept. 16-19, 2024 (Houston, TX)

Nov. 4-7, 2024 (Houston, TX)

**LEGENDS DON'T STOP. WE MAKE SURE OF IT.™**

CALL +1 855-2COOPER  
24/7 TECH SUPPORT: [SUPPORT@COOPERSERVICES.COM](mailto:SUPPORT@COOPERSERVICES.COM)  
[COOPERSERVICES.COM](http://COOPERSERVICES.COM)



## Superior 825 & Waukesha VHP Engine Workshop



Brands: Superior™, and Waukesha VHP

Classroom Objective: Knowledge & comprehension of the Superior 825 and Waukesha VHP engine components, their function and basic operation. Hands-on experience and practice performing recommended weekly, monthly, and annual engine inspection and maintenance activities. Hands-on experience performing power head replacement and related valve adjustments.

Classroom + Workshop – 4 days (\$2,260 per person)

July 29 - Aug. 2, 2024 (Deer Park, TX)  
Sept. 9-12, 2024 (Houston, TX)

## Combustion Theory Master Class



Classroom Objective: An in-depth exploration of combustion theory for 2SC and 4SC engines

Classroom Only – 3 Days (\$1,460 per person)

June 17-21, 2024 (Houston, TX)  
Sep. 30-Oct. 4, 2024 (Budapest, Hungary)  
Oct. 14-18, 2024 (Houston, TX)

## Field Service Technician Level 1 Course



Classroom Objective (Week 1): Focused on reciprocating compressors, precision measurement, inspections and hands-on tear down, inspection, and rebuild of reciprocating compressors

Classroom + Workshop – 5 Days (\$2,260 per person)

Feb. 19-23, 2024 (Houston, TX)  
April 8-12, 2024 (Houston, TX)  
June 3-7, 2024 (Houston, TX)  
Aug. 19-23, 2024 (Houston, TX)  
Oct. 7-11, 2024 (Houston, TX)  
Dec. 2-6, 2024 (Houston, TX)

Classroom Objective (Optional Week): Focused on large bore 2-stroke integral engines and hands-on tear down, inspection, and rebuild of valve train, power head, piston & conrod, and turbocharger maintenance

Classroom + Workshop – 5 Days (\$2,260 per person)

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## AJAX Engine & Compressor Course



**Classroom Objective:** Knowledge & comprehension of the equipment components and their function, basic operation, and common maintenance practices used with AJAX products and accessories.

Classroom Only - 4.5 Days (\$1,960 per person)

Feb. 5-9, 2024 (Houston, TX)

Sept. 23-27, 2024 (Houston, TX)

## Customized Courses

In addition to the open enrollment workshops, Cooper provides on-site training that is customized for equipment at your site – our instructors will come to you. With so much content available, we can structure a customized curriculum to meet your needs.

Training packages include lectures, discussions, hands-on material, student handouts, and a Certificate of Completion.

## Registration & Contact Information

Visit Cooper's training website to learn more about the hands-on and class-based courses we offer, view the course syllabus and browse the available training dates available at [www.cooperservices.com/training](http://www.cooperservices.com/training).

**To Register** for Cooper's open enrollment courses or to inquire about our custom training options, please contact Charles Ely, Director of Training.



**Jason Edwards**

Director of Training

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