



MSMV STEAM TURBINE

A 3-day course intended for operations, maintenance, engineering and supervisory personnel responsible for the Elliott MSMV Steam Turbine.

**Dates: April 23-25, 2012
October 15-17, 2012**

Course Overview

- Steam Turbine Theory & Basic Thermodynamics
- Steam Turbine Components & Function
- Rotor Balancing
- Operation & Troubleshooting
- Preventative Maintenance
- Workshops: Bearing Failures & Coupling Disassembly

Price: US\$ 1,285*

* These programs overlap. If you attend both, the tuition for 5 days is US\$ 2,200

LUBE & SEAL SYSTEM

A 2-day course intended for operations, maintenance, engineering and supervisory personnel responsible for the Elliott Lube/Seal System.

**Dates: April 30-May 1, 2012
October 22-23, 2012**

Course Overview

- Oil System Overview
- Basic Instrumentation
- Start-Up & Operation
- Maintenance & Troubleshooting
- Workshop: Cross-sectional components

Price: US\$ 885

NOTE: Part of this course is conducted at Elliott's Lube Facility located in Belle Vernon, PA. (located 30 miles SW of Elliott).

CENTRIFUGAL COMPRESSOR

A 3-day course intended for operations, maintenance, engineering and supervisory personnel responsible for the Elliott Centrifugal Compressor.

**Dates: April 25-27, 2012
October 17-19, 2012**

Course Overview

- Compressor Components & Function
- Basic Compressor Aerodynamics
- Operation
- Maintenance & Troubleshooting
- Rotor Balancing
- Workshops: Iso-Carbon Seal Disassembly, Coupling Disassembly, & Bearing Failures

Price: US\$ 1,285*

YR TURBINE

A 3-day course intended for operations, maintenance, engineering and supervisory personnel responsible for the Elliott YR Turbine.

**Dates: April 17-19, 2012
October 2-4, 2012**

Course Overview

- YR Components & Function
- Disassembly / Assembly of a YR Turbine
- Start-Up & Operation
- Safety Precautions
- Proper Maintenance
- Workshops: Disassembly/Assembly of an AYR

Price: US\$ 990

COURSE INFORMATION

Register: (email) training@elliott-turbo.com, (phone) (724) 600-8521

Fee: Covers training manual, lunch & refreshments during class, and attendance certificate.

Payment: We accept company checks or credit card (American Express, Visa, or MasterCard).

Location/Times: All courses are conducted at our factory in Jeannette, PA unless otherwise noted. Classes are held **8:30am-4:00pm**.

More information: Call (724) 600-8521 or www.elliott-turbo.com

Cancellation/Refunds: Please notify the Training Department ASAP. Cancellations less than 15 days prior to class are subject to one-half of tuition. No refunds for No Shows. Elliott reserves the right to cancel or reschedule any class. If Elliott cancels, a full refund will be made.

Please check out our website for additional training programs and locations nearest you: http://www.elliott-turbo.com/new/service_train.html

CUSTOMIZED ON-SITE TRAINING

When possible, Elliott recommends that training take place at Elliott – away from normal business and phone interruptions. However, when distance makes travel prohibitive, when staff availability is a problem, or when it is best that training be carried out at site (or using your own system configuration and equipment), Elliott will draw from its technical resources to prepare and present a course to meet your specific needs. Our on-site classes are developed around the equipment installed at your location.

For a quote for customized on-site training, please call the Technical Training Department or send the following information by email to training@elliott-turbo.com.

1. Elliott Shop Order Number(s)
2. Desired Training Location
3. Number of Attendees
4. Attendees Job Status (eng, operator, etc.)
5. Desired date(s)
6. Agenda Requirements