

WHO SHOULD ATTEND

Trained personnel can protect your critical operations. If you work with Woodward Industrial mechanical governors or electronic controls systems as a plant or vessel supervisor, instrumentation and electrical (I&E) engineer, maintenance operations or an applications engineer, these courses will sharpen troubleshooting skills to increase efficiencies and uptime.

2301A / E Load Sharing and Speed Control

FL: Jan 19-21 / May 11-13 / July 6-8 / Sept 7-9 / Dec 7-9
WA: Feb 16-18 / June 1-3 / Nov 16-18

Class #100
3 Days
\$1544

Learn the operation, installation and adjustments of 2301A (Analog) and the 2301D or E (Digital) Load Sharing Speed Control. Understand how the 2301A and 2301D or E control, actuators, and their associated accessories allow their engines to operate together, either on or off the infinite bus (utility). Hardware and software configuration / monitoring will be explained and connected to a loop test set.

505/505E Digital Steam Turbine Controls

(Call or Send Request)

Class #107
3 DAYS
\$1544

Review Woodward 505/505E digital steam turbine control theory and turbine parameters, installation, wiring, operating procedures, programming, and troubleshooting. The hands on portion includes programming, adjustments and troubleshooting techniques on the 505 connected to the simulator with specifically designed examples. Operate the control within a closed loop test set.

723 PLUS Digital Speed Control

FL: Jan 26-28 / March 30-April 1 / July 13-15 / Nov 2-4
WA: Feb 16-18 / Aug 10-12 / Dec 7-9

Class #103
3 DAYS
\$1544

Woodward 723 PLUS control is a configurable control for prime movers. Both the hardware and software will be covered in class. During the course, the control will be programmed and monitored with Woodward Watch Window and a hand-held programmer. The control will be operated using a closed loop test set to simulate an engine.

DSL2-2 and MSL2-2 Synchronizer & Load Control

FL: Feb 23-24 / April 23-24 / Aug 24-25 / Oct 5-6

Class #101A
2 DAYS
\$1030

Learn more about the basics of power management. This course will focus on the Woodward DSL2-2 & MSL2-2 controls including theory, installation, operation, maintenance plus hands-on programming, adjustments, and troubleshooting techniques.

E3 Gas Engine Control System, Lean Burn, Rich Burn, Full Authority

(Call or Send Request)

Class #117
2 DAYS
\$1470

This class covers theory, installation, maintenance and troubleshooting of the Woodward E3 air-fuel ratio control in Lean Burn, Trim or Full Authority Systems. The control is tested in a close-loop system.

easYgen 3200 Power Management Control

(Call or Send Request)

Class #115A

easYgen 3500 Power Management Control

FL: March 9-11 / April 7-9 / Sept 14-16 / Nov 9-11
WA: Sept 7-9 LA: Feb 2-4

Class #115B
3 DAYS
\$1544

The Woodward easYgen 3200 and 3500 control system. The courses covers theory, installation, programming, operation and maintenance of the easYgen 3200/3500 control systems using actual controls. Hands-on training includes time for programming, adjustments and troubleshooting techniques.

easYgen 3200 (en Español) Power Management Control

(Call or Send Request)

3 DAYS

Esta capacitación le dará la oportunidad de aprender más sobre los controles configurables Woodward easYgen serie 3200. La clase está diseñada para explicar la operación, teoría, instalación, tipo de cableado y mantenimiento. La parte práctica incluirá tiempo para la configuración, ajustes y técnicas de solución de problemas con aplicaciones relacionadas al easYgen serie 3200.

EGCP-3 Power Management Genset Control

Custom Class (Call or Send Request)

2 DAYS

Learn about the Woodward EGCP-3. This class will begin with an introduction to the basics of power management. The installation, programming, troubleshooting, and operation of the EGCP-3 will be covered and class members will gain hands-on experience in programming the control.

Peak 150 Digital Steam Turbine Control

FL: Aug 18-19
LA: March 17-18 / June 2-3 / Oct 6-7

Class #106
1 DAY

Woodward Peak 150 digital steam turbine controls is used in mechanical drive applications. Hardware, software, and programming will be demonstrated; the control connected to a closed loop test set. Learn how the Peak 150 control, actuators, and their associated accessories allow turbines to operate together, either on or off the infinite bus (utility) or operating a mechanical drive.

UG-8 / UG-40 Mechanical Governor

(Call or Send Request)

Class #108
2 DAYS
\$980

This class will give you opportunity to learn about UG governor. In this class you will learn theory, installation, operation and maintenance of the governor. Calibration and troubleshooting done using the test stand.

PG Mechanical Governor Basics (PGA, PG-PL, PGG)

(Call or Send Request)

Class #109
3 DAYS
\$1470

This class will give you opportunity to learn about PG mechanical governor. In this class you will learn theory, installation, operation and maintenance of the governor. Calibration and troubleshooting done using the test stand.

ProTech TPS, GII and SX Overspeed Safety Systems

FL: May: 4-5 / July 20-21 / Oct 12-13
WA: April 22-23

Class #118
2 DAYS
\$980

Woodward ProTech GII, TPS and SX are speed Safety Devices for steam turbines. This class is designed to explain the operation, theory, installation, programming, and maintenance. The hands-on portion will include time for programming, adjustments, and troubleshooting techniques. This class is designed to explain the operation, theory, installation, programming, and maintenance. The hands-on portion will include time for programming, adjustments, and troubleshooting techniques.