



# WOODWARD

## Essential Training For Woodward Product Users

Hands-on training for the operation, maintenance, troubleshooting, and repair of **WOODWARD** control systems.

### General Information

GCS offers the largest comprehensive authorized training program for specific Woodward Industrial Control products, designed to give you a better understanding of product operations, maintenance, troubleshooting and repair. Standard classes cover everything from basic theory through applications to hands-on experience.

**Authorized IACET Provider:** Continuing Education Units (CEU) and Professional Development Hours (PDH) are available for GCS training program.

**Custom Classes:** Custom classes are tailored to meet your specific application, control system requirements and preferred time frame. Specialized classes cover mechanical governors and actuators to upper level electronic controls. English and Spanish instructors available.

Classes are held at our state-of-the-art training facility or at your site and are conducted by certified instructors with many years of Woodward experience in engineering, application and training. For more information on Woodward training, contact the GCS training department toll free at **877-659-6328** or email [training@govconsys.com](mailto:training@govconsys.com)

#### 2301A/D Load Sharing and Speed Controls

The 2301A and the 2301D Load Sharing and Speed Controls are successive generations of the same control. Learn the operation, installation and adjustments of these controls. The class will operate both controls connected to a closed loop test set.

*3 days, \$1270 per person*

#### DSLCTM Control and MSLC Control

The basics of power management, DSLCTM & MSLC controls including theory, installation, programming, operation and maintenance plus hands-on programming, adjustments and troubleshooting techniques.

*2 days, \$850 per person*

#### Peak® 150 Control

Learn about the application, installation, and operation of the Peak® 150 digital steam turbine controls used on steam turbines in mechanical drive applications. Hardware and software will be explained, programming demonstrated, and the control operated connected to a closed loop test set.

*2 days, \$850 per person*

#### 723PLUS and DSLCTM / MSLC Controls

Learn about the programmable digital 723PLUS controls used with the DSLCTM and MSLC controls used in power generation applications. Hardware and software will be explained and programming demonstrated.

*3 days, \$1270 per person*

#### 723 PLUS Digital Speed Control

723PLUS control is a configurable control for prime movers. Both the hardware and software will be covered in class. During the course, programming/monitoring with Woodward Watch Window will be done and a closed loop simulation will be available. **Note: You will need to bring your own PC installed with Watch Window and ServLink.**

*3 days, \$1270 per person*

#### 505/505E Steam Turbine Controls

Review 505/505e control theory and turbine parameters, installation, wiring, operating procedures, programming and troubleshooting. Program a 505 and operate the control with a closed loop test set.

*3 days, \$1270 per person*

#### EGCP-3 Power Management Control Package

Learn about the 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 the programming of the control.

*2 days, \$850 per person*

#### easYgen 3200 Power Management Control

Learn basics of power management using the easYgen 3200 control system. Class covers theory, installation, programming, operation and maintenance. Hands-on training will include programming, adjustments and troubleshooting techniques.

*2 days, \$850 per person*

\*Class descriptions and class dates subject to change.



## GOVERNOR CONTROL SYSTEMS, INC.

authorized sales & service center  
www.govconsys.com

# GOVERNOR CONTROL SYSTEMS 2011 TRAINING SCHEDULE

	2301A/D Load Sharing and Speed Control 3 days US \$1270/person	723PLUS and DSLC™/MSLC Controls 3 days US \$1270/person	723PLUS Digital Speed Control 3 days US \$1270/person	505/505E Steam Turbine Control 3 days US \$1270/person	DSLCTM & MSLC Controls 2 days US \$850/person	Peak® 150 Digital Steam Turbine Control 2 days US \$850/person	EGCP-3 Power Mgmt. Control 2 days US \$850/person	easYgen 3200 Power Mgmt. Control 2 days US \$850/person
<b>2011</b>								
<b>January</b>	January 18-20							
<b>February</b>		February 1-3						February 15-16
<b>March</b>				March 8-10		March 22-23		
<b>April</b>			April 5-7					April 19-20
<b>May</b>	May 24-26							
<b>June</b>				June 21-23			June 1-2	
<b>July</b>	July 12-14	July 19-21						
<b>August</b>				August 16-18		August 30-31		August 2-3
<b>September</b>	September 13-15							
<b>October</b>					October 4-5			October 25-26
<b>November</b>			November 15-17					
<b>December</b>	December 13-15							December 6-7

*\*Class dates subject to change.*

## REGISTRATION INFORMATION

Classes are offered to meet your training needs in our Ft. Lauderdale, Florida training facility or in your location. Classes may be customized to accommodate your system or application. **Attendees are eligible for CEU or Professional Development Hours.** Please contact our Training Department at **1-877-659-6328** to discuss your system requirements.

Classes held at our training facilities are scheduled from 8:00 a.m. – 3:30 p.m. Registration form must be received at least 30 days prior to training. Credit cards, check, wire transfer or purchase order accepted. Class confirmation will be sent upon receipt of payment. Classroom literature, lunches and refreshments are included. Accommodations and transportation are not included. Cancellation penalties will be incurred if cancelled within 4 weeks prior to the first day of training. Minimum class size is 3 students; maximum 8 students. GCS reserves the right to cancel any class that does not meet minimum enrollment; all class fees will be refunded to those already registered.

*\*Please bring your own laptop and cable accessories to facilitate hands-on training.*



## REGISTRATION FORM

PLEASE FILL IN THE FORM BELOW AND FAX OR MAIL TO:

### Governor Control Systems, Inc.

3101 S.W. 3rd Avenue, Ft. Lauderdale, FL 33315

Phone: (954) 462-7404

Fax: (954) 761-8651

Company Name			
Company Address			
Contact Person			
Telephone			
Fax			
E-mail			
Credit Card #			Expiration Date / /
Name on Credit Card			<input type="checkbox"/> AMEX <input type="checkbox"/> Visa <input type="checkbox"/> MC
Purchase Order #			IEEE Membership #

Class Date	Class Name	Name of Participants	Knowledge of Control/Governor	Hands on Experience with Control/Governor
			L <input type="checkbox"/> M <input type="checkbox"/> H <input type="checkbox"/>	L <input type="checkbox"/> M <input type="checkbox"/> H <input type="checkbox"/>
			L <input type="checkbox"/> M <input type="checkbox"/> H <input type="checkbox"/>	L <input type="checkbox"/> M <input type="checkbox"/> H <input type="checkbox"/>
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			L <input type="checkbox"/> M <input type="checkbox"/> H <input type="checkbox"/>	L <input type="checkbox"/> M <input type="checkbox"/> H <input type="checkbox"/>

L=Low M=Medium H=High

Nov 2010