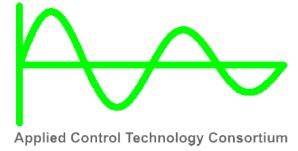


**Scheduled Training:  
Control Fundamentals (Part 1): Theory**



Strathclyde University, Glasgow, 23<sup>rd</sup> and 24<sup>th</sup> May 2007

## AGENDA

This 2 day course is aimed at engineers looking for a refresher in control theory. It is a generic course, not specific to any particular industry. Significant hands-on examples are used to reinforce the lectures. A follow-on course (Part 2: Application) covers additional, more practical topics, including digital control, non-linearity's and system identification.

The agenda for the Training Course is as follows:

### DAY 1 Introduction to Systems and Modelling

8.30 COFFEE AND REGISTRATION

9.00 INTRODUCTION

- *Scope & Motivation*
- *The Need for Control*
- *Historical Perspective*

10.00 TEA/COFFEE

10.15 LINEAR SYSTEMS & TRANSFER FUNCTIONS

10.15 LINEAR SYSTEMS & TRANSFER FUNCTIONS

12.15 LUNCH

13.00 LINEAR SYSTEMS & TRANSFER FUNCTIONS (CONTD.)

14.00 MODELLING AND SIMULATION

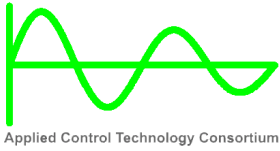
- *Linear Modelling*
- *Nonlinear Modelling - Simulink Introduction*
- *Modelling & Simulation Hands-on Session*

15.15 TEA/COFFEE

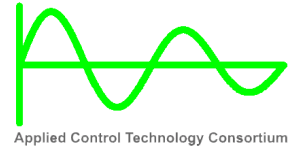
15.30 FUNDAMENTALS OF CONTROL DESIGN

17.00 CLOSE

ACTC



*Scheduled Training:  
Control Fundamentals (Part 1): Theory*



Strathclyde University, Glasgow, 23<sup>rd</sup> and 24<sup>th</sup> May 2007

**DAY 2      Classical Control**

8.30 COFFEE AND REGISTRATION

9.00 FUNDAMENTALS OF CONTROL DESIGN HANDS-ON SESSION

10.30 TEA/COFFEE

11.00 CONTROLLER DESIGN USING LEAD/LAG COMPENSATION

12.15 LUNCH

13.00 HANDS-ON SESSION

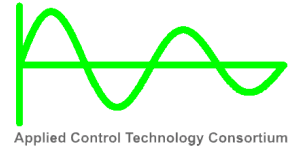
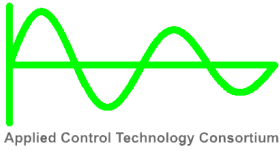
14.00 PID CONTROLLERS

15.00 TEA/COFFEE

15.15 PID CONTROLLER (CONTD.)

16.00 HANDS-ON SESSION

17.00 CLOSE



**Scheduled Training:  
Control Fundamentals (Part 1): Theory**

Strathclyde University, Glasgow, 23<sup>rd</sup> and 24<sup>th</sup> May 2007

**REGISTRATION FORM**

Please return by mail, fax or e-mail by 13<sup>th</sup> May 2007 to Lesley Breen (address given below).

Name: .....

Company: .....

- Yes, I would like to attend the ACTC Scheduled Training "Control Fundamentals (Part 1) Theory"

Please reserve ..... places

Names: .....  
.....  
.....

**Type of Registration:**

- ACTC Member Fee: Free of Charge
- Non-Member Rate Fee: £600.00 excl. VAT per delegate

**Payment Details:**

Total Sum Payable: £.....

Company VAT ID No.: ..... (only needed if from an EC country)

**Please indicate method of payment:**

- Cheque Make payable to "Industrial Systems and Control Limited"
- Bank Transfer: To: Industrial Systems and Control Limited  
The Royal Bank of Scotland plc, Gordon St, Glasgow G1 3PL  
Sterling Account number: 00644350, Sort Code: 830706  
Euro Account number: INSYCO-EUR1 837580 10008731, Sort Code: 830706  
*Please include the delegate's names on the bank transfer.*

- Purchase Order: Please invoice my company/organisation at:  
Order Number: .....  
Name (if different to above): .....  
Address: .....  
Tel:..... Fax:.....

- No, I cannot attend the ACTC Scheduled Training: "Control Fundamentals (Part 1) Theory"
- I would like to receive more information about the ACTC and its services

**For on-line registration and further information visit:  
<http://www.actc-control.com/meetings/meet070523.html>**