



## CONTROL THEORY MODULE 1

### - COURSE OUTLINE -

#### OVERVIEW:

This course is designed to provide an introduction to control theory and the Innotech controls product family. On completion of this course attendees are capable of commissioning the Innotech electronic controllers covered, configuring proportional control loops and navigating the Innotech controllers human machine interfaces and watch pages.

**WHAT TO BRING:** If you have a Multimeter and terminal screwdriver please bring it for the "Hands on" part of the course.

#### AGENDA:

- The Control Loop
- Sensors and Devices
- Proportional Control Loops
- Proportion Controllers
  - Terminology
  - Function
  - Innotech IMC, IMT and M3k Electronic series
  - The Real World (One Stage and Two Stage Configurations)
- IMC 50XX
  - Commissioning
  - Terminations
- IMT 50XX / 60XX
  - Commissioning
  - Terminations
- M3K02 Commissioning
- Genesis II and Maxim DDC Controllers
  - Product Overview
    - Hardware
    - Software
  - Genesis II
  - Maxim I, II and III
  - Human Machine Interfaces (HMI)
  - Scheduling

#### CERTIFICATION:

On successful completion of the course each student will receive a certificate of achievement.

