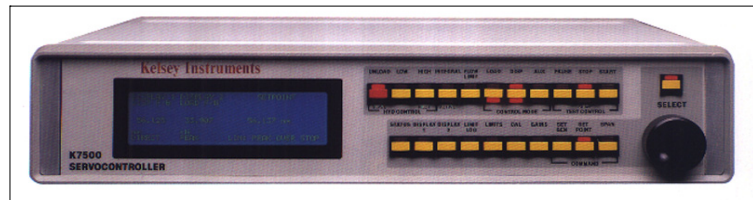


# Kelsey K7500 System Operation - Course Syllabus

## Introduction

A one or two day course, tailored to new and advanced users, ideal for all personnel who are using K7500 test systems .



## Aims

- To understand how to set up a single channel of control from scratch
- To understand the basics of the application of a digital controller
- Configure multiple controllers in a single test
- To understand the advanced features and to carry out basic fault finding

You will benefit from this course if:

- You are new to operating the Kelsey K7500
- You have some experience but would like to learn advanced features

## Course content -

- Overview and General description (the K7500 hardware)
- Hydraulic control
- System configuration and transducer calibration
- Display monitor
- Servo loop gain tuning
- Running a test
- Static test specification
- Function generator (cyclic) test specification
- Peak controller
- Adaption enable
- Test parameter storage
- Multi-channel operation
- Master/slave operation, use of KiNET
- Normal settings
- Error messages

Attendance Criteria—delegates should understand closed loop motion control and understand the items covered in the Systems Services training course “Introduction to Closed Loop Control”.

Systems Services incorporate the following for each delegate in each training module:

- An attendance certificate,
- Full training notes including a copy of the course notes and K7500 manuals,
- An additional package of useful information relevant to the course completed.

For more information please contact [training@systems-services.com](mailto:training@systems-services.com) or call 01205 724242