

# CPD Dynamics Ltd

## In-Company Courses

For groups of delegates from the same organisation, it is often worthwhile considering an in-company presentation. Significant savings in travel and accommodation can be made for 5 or more delegates when the course is held on company premises or in a convenient local hotel. Such courses are offered as a standard presentation or may be designed as a bespoke course for a particular organisation.

Individually tailored courses are offered in the subject areas of **Noise, Vibration and Signal Processing**. These may be customized to suit particular training requirements in terms of subject matter, technical level, delivery format and duration. Where appropriate, course material may be integrated with in-company or third party lectures to provide a cohesive syllabus for a particular industry.

Programmes can also be designed in collaboration with third party organisations to meet specific training needs in related technical areas. With an extensive network of contacts, lecturing staff may be assembled to fulfil a required syllabus. All contacts have had considerable experience in lecturing, either at University Postgraduate level or on mature student short courses. Most have considerable industrial experience.

Such courses may extend from a single day to a week or more and may be delivered in the UK or overseas.

The following examples provide an indication of the typical range of courses which have been organised for companies in recent years:

### **Research, development and production organisation, Derby**

Three day short course on practical signal processing presented on company premises in Derby. Course presented on one day per week over three weeks and included specialist application training on analysis instrumentation within the organisation.

### **Transducer manufacturer, Midlands**

Short course held in a local conference centre for European sales staff. Course integrated one day of technical training, one day of management training and a one day closed session for private company matters.

### **Automotive product manufacturer, Coventry**

Vibration Testing short course held on company premises and covering all aspects of vibration shaker systems, testing methodologies, measurement, control and data interpretation.

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## **Oil production, Norway**

Lectures on the practical applications and potential errors associated with digital signal processing presented to an open one week short course on Process Instrumentation and Control.

## **Automotive product manufacturer, Lancashire**

In-company short course on the principles of data analysis for test and measurement engineers. The objectives were to provide an overview of the pitfalls and practical engineering applications of signal processing.

## **Component process manufacturer, County Durham**

Lectures presented to a manufacturing organisation on the basics of noise measurement, analysis and control. The structure of the course enabled the company to incorporate confidential matters in which company finance, policy and organisation could be addressed in closed sessions.

## **Instrumentation product agent, South Africa**

Lectures presented on a four day short course on Vibration and Signal Processing. The course was designed to provide customers with a knowledge of key technical matters relating to a range of products.

## **Aircraft parts manufacturer, Dorset**

Organisation and delivery of a three day in-company course on Modal Analysis. Course held in collaboration with an industrial partner. Practical demonstrations included excitation techniques and curve fitting techniques.

## **Automotive cable manufacturer, Wales**

One day awareness course on vibration testing to provide an overview of the subject, identify potential problem areas and address solutions

**Noise awareness courses** have been presented on company premises for a variety of organisations. These are usually required to forewarn and notify staff of the new regulations, and to provide an overview of the key areas of measurement, analysis and control of noise. Recent courses have been held for the following organisations:

**Defence Research Organisation, Kent**

**Food manufacturer, Plymouth**

**Railway test organisation, Derbyshire**

**Gas turbine manufacturer, Liverpool**

If you would like to discuss the possibility of an individually tailored course within your own organisation please contact me to discuss requirements.

Andy Tomlinson

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