



## ■ Systems Engineering Introduction

For many engineers, making the transition from a component-focused approach to a whole-system design approach can prove a challenge. Some of the terminology that is commonly used in this area can be unfamiliar and daunting, and engineers are sometimes asked to use new tools without having a thorough grounding in the concepts that underlie them. This course devotes a significant time to helping engineers develop an understanding of systems engineering, and ensuring that the key concepts are well-understood before introducing specific software tools. Focusing on customer details and information brings a relevance to the attending engineers which promotes their learning.

<b>Contents</b>	Module 1 Introduction Module 2 Requirements Management and Test Module 3 Functional Modelling Module 4 Electrical Development Process Module 5 Software Development Process Module 6 Hazard Analysis Module 7 Case Study
<b>Provider</b>	Dr Barbara Jones  Pi Technology Ltd, UK ( <a href="http://www.pitechnology.com">www.pitechnology.com</a> )  <a href="mailto:barbara.jones@pigroup.co.uk">barbara.jones@pigroup.co.uk</a>
<b>Application sector</b>	Automotive, Rail, Aerospace and related industries, MISRA Guidelines IEC 61508, ISO15504 (SPICE) Level 3
<b>Target group</b>	The course is aimed at experienced engineers working on the development of new electronic systems.
<b>Prerequisites</b>	Engineers with at least two years experience in their domain. A degree in electronic engineering or related discipline
<b>Duration</b>	3 days, 21 hours (total)
<b>Seminar schedule</b>	Start Day 1: 09:00 End final day : 17:00
<b>Number of participants</b>	max. 15
<b>Lecturer</b>	TBD
<b>Seminar fee</b>	Price on application
<b>Dates/Location</b>	Dates TBD. Location on customer site or at Pi Technology Ltd, UK.
<b>Seminar descriptor</b>	Systems Engineering Introduction