

Requirements Writing

Training Course

Requirements Writing Training Course

This one-day course aims to provide students with the techniques necessary for the creation of clear, concise and correct requirements, independent of specific requirements management tools. Best practice is drawn from the International Council on Systems Engineering (INCOSE) handbook and the INCOSE guide for writing requirements.

The creation of accurate requirements, traceable across the systems engineering life cycle, is critical for successful projects, with associated verification and validation grounded against high quality requirements. The course covers the following topics and can be delivered as scheduled public training, on site for a client requirements team and, if necessary, as an online instructor-led delivery.

What you will learn

- Principles of requirements writing
- Levels of requirement
 - Problem and solution domains
 - Needs v requirements
- INCOSE Handbook / ISO 15288 Requirements Processes
- Requirements structure
- Requirements syntax
- Statement rules
- Vocabulary
- Requirements review process
- Baselining
- Change control
- Use of Artificial Intelligence to enhance requirements quality pre-review

At a Glance

- A 1-day course delivered either on customer site or as part of our scheduled course
- Draws on best practices from the INCOSE Systems Engineering handbook, and the processes within
- Provides students with the knowledge and techniques needed to create clear, concise and correct requirements
- Delivered by an INCOSE Systems Engineering professional

Who Benefits?

- Requirements Managers
- Mechanical Engineers
- Project Managers
- Test Engineers
- Systems Developers
- Personnel whose role heavily integrates with a software or systems development process
- Suitable for engineers and non-engineers at all levels

For the full course syllabus, further information or to book your place contact:

training.technologies@synthesys.co.uk or call: +44(0)1947 821464.

About SyntheSys

SyntheSys provides defence systems, training, systems and software engineering and technical management services over a spectrum of different industry sectors. Along with distinct support and consultancy services, our innovative product range makes us first choice provider for both large and small organisations. Established in 1988, the company focus is on fusing technical expertise with intuitive software applications to solve common industry challenges.

