

ISO 15288:2015 Systems Life Cycle Processes Training

Holistem Ltd, a systems engineering consultancy in the North-West of England, is pleased to offer a full-day Training course on the systems engineering process standard, ISO 15288:2015, Systems Life Cycle Processes. Systems engineering (SE) is a tried-and-tested approach to the development of large-scale systems (products and services), and is strongly underpinning by systems thinking. SE is widely adopted as the means to handle complexity in developments in many sectors including defence / aerospace, infrastructure, automotive, and rail transport.

Course Objectives:

- Provide an understanding of the values of standards in general, and ISO15288 in particular; value to a company's own process framework thinking
- Give an understanding of the motivation for, structure and content of ISO15288
- Give an understanding of each of the process areas, processes and outcomes

Course outline:

Sec	Topic
1	Overview
2	Motivations and benefits
3	Organisation of the Standard break
4	Agreement processes 2
5	Technical Processes 14 break
6	Technical Management Processes 8
7	Organisation Project-enabling processes 6 break
8	Relationship to other standards and sources
9	Exploitation and Wrap up

Attendees:

6-12

Attendee assumptions:

The course is appropriate to those new to systems engineering as a discipline, who are interested in a comprehensive 'standards-based' perspective on SE.

It is also appropriate to practicing systems engineers who have focussed in one or two areas of SE (e.g. requirements analysis), but would like a contemporary comprehensive perspective on the discipline.

Exercises:

The course uses many Exercises to ensure engagement and understanding - and to entertain!

Course venue:

The course is run at quality locations convenient to major population centres. The course can also be run on-site at your own location (subject to suitability).

Tutor:

The course is run by Dr Julian Johnson, MINCOSE CSEP, a long-standing INCOSE (www.incose.org) member, who has contributed to many systems engineering standards including ISO 15288, ISO 10303-233, and the OMG SysML Systems Modelling Language. He has worked in the defence industry for +25 years on systems formalisms and systems process improvements.

Cost:

Email enquiries@holistem.co.uk for details.