



# SYSTEMS AND SYSTEMIC REQUIREMENTS ENGINEERING AND MANAGEMENT

## ***Descrizione del Corso***

This course equips participants with the appropriate understanding of the difficulty of writing good requirements, the use of requirement management as an approach for controlling change and measuring the degree of completion of a project over the development, build, test and deliver, portion of the system and software life cycle.

The course uses a mixture of active and passive teaching styles to maximize the effectiveness of the learning opportunity. Participants will be provided with a software tool (Tiger Pro) specially developed as an educational tool with which to write and test requirements.

## ***Risultati di Apprendimento***

- Understand the importance of well-written requirements
- Understand why requirements errors cost more to correct than other types of errors in the system development process.
- Deal with poorly written requirements.
- Recognize poorly written requirements and be able to repair them. Create clear and concise well-written requirements.

- Mitigate the effect on cost and schedule due to poorly written requirements.

## ***Partecipanti***

- Personnel who specify the development of technology-based systems.
- Engineers and programmers elucidating requirements from customers.
- Designers who work with poorly written requirements.
- Software and hardware testers who need to figure out how to test requirements.
- Acquisition managers, contract specialists.
- Other personnel performing similar roles.

## ***Prezzi del Corso***

Early Bird Rates: 1,350 CHF. Regular Rates: 1,500 CHF.

## ***Durata***

9 giorni

## ***Istruttore***



Joe Kasser

Dr. Joseph Kasser è stato ingegnere di sistemi e manager per 30 anni prima di entrare nel mondo accademico. Egli è detentore del Premio NASA Manned Space Flight Awareness Award (Silver Snoopy) per la qualità e l'eccellenza tecnica nell'esecuzione e direzione di Systems Engineering e molti altri premi e onorificenze. È un INCOSE Fellow, titolare di un Dottorato in Ingegneria Gestionale della The George Washington University, ed è sia Chartered Engineer sia Manager certificato. Attualmente è Visiting Associate Professor presso la National University di Singapore. Le sue precedenti posizioni accademiche includono Leverhulme Visiting Professor alla Cranfield University, in Inghilterra e Deputy

Director e Associate Research Professor al Systems Engineering and Evaluation  
Centre della University of South Australia.