



# SYSTEMS AND SYSTEMIC REQUIREMENTS ENGINEERING AND MANAGEMENT

## ***Descripción del Curso***

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.

## ***Resultados***

- 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.

### ***Quién Debería Asistir***

- 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.

### ***Precios del Curso:***

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

### ***Duración***

9 días

### ***Curso impartido por***



Joe Kasser

Dr. Joseph Kasser fue Ingeniero de sistemas y director durante 30 años antes de formar parte de la academia. Tiene en su poder Manned Space Flight Awareness Award (Silver Snoopy) de la NASA por excelencia de calidad y técnica por ejecución y dirección de Ingeniería de sistemas y muchos otros premios y recomendaciones. Es parte de INCOSE y ostenta el título de Doctor of Science in Engineering Management de la Universidad George Washington, y es Ingeniero

colegiado a la vez que Gerente certificado. Actualmente es profesor asociado visitante de la National University de Singapur. Sus anteriores puestos académicos incluyen Leverhulme Visiting Professor en la Universidad de Cranfield (Inglaterra ) y Deputy Director y Associate Research Professor en el Systems Engineering and Evaluation Centre en la Universidad of South Australia.