SOFTWARE REQUIREMENTS ENGINEERING

Prochaines Dates

26.06.2024 - 28.06.2024, Zurich

Descriptions des Cours

This course covers the process of eliciting, documenting, analysing and managing software requirements requiring the use of techniques for capturing and validating requirements, including interviews, surveys, prototyping and case modeling. The course also covers requirements prioritisation, traceability and management throughout the system and software development lifecycle. The aim is to empower trainees with the skills to bridge the gap between stakeholders and development teams by translating user needs into well-defined system requirements.

Objectifs

• Understand the requirement engineering process and its importance in software development.
• Learn various techniques for eliciting and documenting software requirements.
• Acquire skills in requirements analysis, validation, and prioritisation.
• Explore methods for traceability and requirement management throughout the

development lifecycle.
• Bridge the gap between stakeholders and development teams effectively.

Pour Qui

• Business Analysts
• Systems Analysts
• Requirements Engineers
• Software Developers
• Project Managers

Tarifs des Cours

Early Bird: 2025 CHF | Regular: 2250 CHF

Durée

3 jours

Enseignant

Vincent Arnould

Vincent Arnould brings over two decades of experience as a versatile leader and expert in the field of System Engineering and Architecture. His career spans in the defense domain, on avionics and maritime warfare systems. His expertise lies in Software Intensive Systems and Systems-of-Systems Architecture and System Engineering, supported by a robust skill set that includes transversal management, communication, and international collaboration. He has excelled in leadership roles at companies like Naval Group and Hensoldt Sensors GmbH, contributing to prestigious projects such as the Gowind-class Frigate, the Future Combat Air System (FCAS) and Maritime Airborne Warfare System (MAWS).

Vincent's expertise lies in operational analysis, architectural design, and Model-Based System Engineering (MBSE), driving successful outcomes in the defense and avionics sectors. His transnational collaboration and commitment to rigorous quality standards like SysML further underscore his influence in the industry.