



MBSE & SysML INTERMEDIATE

Course Descriptions

This course provides the participants a solid foundation about the fundamental and practical aspects of MBSE and SysML. Participants will learn more about how to interpret and understand SysML models, their elements and how to read their diagrams. Furthermore, the concepts of modeling method based on SysML will be explained in order to demonstrate how SysML can be customized for a particular application domain. This course also includes several interactive practical exercises, discussions and lessons learned to ensure a successful MBSE implementation with clear defined goals and aimed deliverables.

A requirement for attending this course is the attendance of the MBSE & SysML Introduction course.

Learning Outcomes

- SysML advanced concepts including all diagrams.
- How to model systems' requirements, structure, behavior and their traceability.
- How to customize SysML for a particular application domain.
- Learn how to deploy MBSE in your organization (team setup, goals definition, collaborative modeling, tool selection...).
- Further topics overview: Profile definition, model structure, reusability, model review, document generation, model execution, variability

modeling, model based testing...

- Preparation for the OCSMP certification.

Who Should Attend?

System and software engineers/architects.

Course Rates

Early Bird Rates: 2,025 CHF. Regular Rates: 2,250 CHF

Duration

3 days

Delivered By



Mohammad Chami

Model based systems engineering expert with a solid academic and industrial experience in modelling languages, processes, developing and deploying methods for system modelling and customising its tools.

Other qualifications:

- Mohammad holds two master's degrees in Electronics and Mechatronics, and the OMG Certified Systems Modelling Professional Certificate (OCSMP)
- Has the Bombardier Recognition of appointment as "Engineering Management, Processes, Methods and Tools" Expert
- Is a member of INCOSE and actively participating in its chapters GfSE, SWISSED and other activities (e.g. OMG, NOSE, AFIS,

MODELS).

- Author or co-author of numerous publications and gave various presentations and talks at international conferences.