

EA for Systems Engineering

This course is designed for systems engineers who already have SysML experience and now wish to gain confidence using Enterprise Architect. The course includes substantial hands-on exercises to construct SysML models within the Enterprise Architect environment.

Duration: 3 days

Prerequisites: No prior Enterprise Architect experience is required. Delegates should have knowledge of SysML concepts and notation.

Equipment:



For on-site delivery the customer should provide a suitable training room with a screen or projector to connect to our trainer's laptop and a whiteboard or flipchart. All delegates require a PC or laptop running Enterprise Architect (SysML edition).



For webinar delivery delegates require a PC or laptop running Enterprise Architect with an Internet connection (a headset can be helpful). If you wish to test your environment join a test WebEx meeting: www.webex.com/test-meeting.html



A trial version of Enterprise Architect is fine for training and can be downloaded from Sparx Systems website: www.sparxsystems.com/products/ea/trial.html. It is also helpful to have a mouse as this makes creating diagrams much easier.

Course Style: 50% theory, 50% practical.
Each module is accompanied by a hands-on exercise to allow delegates to apply the theory and become confident using Enterprise Architect.

Delegate Handouts: Each delegate receives a folder containing all the course slides and comprehensive theory notes which form excellent reference material. Folders also contain exercises and suggested solutions. Following successful completion of the course each delegate receives a certificate.

Course Modules:

			Theory	EA	Notation	Exercise	Hands-on
HIPPO 00	Introduction	½ hour					
HIPPO 60	EA Essentials	2½ hours					
HIPPO 67	EA SysML Requirements	1 hour					
HIPPO 68	EA SysML Use Case Essentials	1 hour					
HIPPO 69	EA SysML Use Case Advanced	1 hour					
HIPPO 70	EA Traceability	1 hour					
HIPPO 73	EA SysML Block Definition Diagrams	1½ hours					
HIPPO 74	EA SysML Internal Block Diagrams	1 hour					
HIPPO 75	EA SysML Parametric Diagrams	1 hour					
HIPPO 76	EA SysML Activity Diagrams	1 hour					
HIPPO 82	EA SysML Sequence Diagrams	1½ hours					
HIPPO 84	EA SysML State Machines	1 hour					
HIPPO 100	EA Advanced	1 hour					
HIPPO 101	EA Team Working	1 hour					
HIPPO 102	EA Reporting	1 hour					