

EA Fundamentals

This course provides an ideal introduction for delegates who are new to Enterprise Architect. It covers all the basics of creating diagrams, elements and relationships as well as structuring projects. With a practical focus this course provides delegates with the opportunity to use Enterprise Architect to create requirements and class diagrams.

Location: Livingston, UK
Date: Monday 3rd June 2019
Time: 9.30am to 4.30pm GMT
Cost: £350 + VAT per delegate
Prerequisites: No prior Enterprise Architect or UML experience is required

Equipment:




For classroom training delegates are required to bring their own laptop running Enterprise Architect. It can also be very helpful to have a mouse as this makes creating diagrams in Enterprise Architect much easier.

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

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



Delegate Handouts: Each delegate receives a booklet containing all the course slides and comprehensive theory notes which form excellent reference material. Booklets 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 66	EA UML Requirements	1 hour					
HIPPO 77+	EA + UML Domain Models	2 hours					

Modules

HIPPO 00	Introduction	½ hour
	<ul style="list-style-type: none">▪ Delegate background and objectives▪ Timetable and course outline	

HIPPO 60	EA Essentials	1 hour
		
	EA Hands-On Exercises	1½ hours
	<ul style="list-style-type: none">▪ Introduction to EA▪ Navigate the EA user interface▪ Create project models in EA▪ Create diagrams in EA▪ Understand the structure of EA projects▪ Create and delete elements in EA▪ Search for elements in EA	

HIPPO 66	EA UML Requirements	½ hour
		
	EA Hands-On Exercises	½ hour
	<ul style="list-style-type: none">▪ Create requirements diagrams in EA▪ Document requirements in EA▪ Relate requirements in EA▪ Set requirements priority and status in EA▪ Define requirements categories in EA▪ View list of requirements in EA▪ Import and export requirements in EA	

HIPPO 77+	EA + UML Domain Models	1 hour
		
		
	EA Hands-On Exercises	1 hour
	<ul style="list-style-type: none">▪ Create domain models in EA▪ Domain classes and notation▪ Attributes▪ Model business classes in EA▪ Add key attributes in EA▪ Define analysis attribute types in EA▪ Associations and multiplicity▪ Add associations and define multiplicity in EA▪ Whole-part relationships (aggregation)▪ Model aggregation in EA▪ Generalisation-specialisation (inheritance)▪ Create inheritance hierarchies in EA	