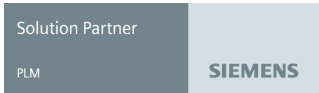




TEAM Engineering Ltd  
 Technical Centre  
 Aspen House  
 Washingley Road  
 Huntingdon  
 Cambridgeshire  
 PE29 6SR  
 Tel: 08456 442882  
 Fax: 08700 117759

TEAM Engineering Ltd  
 Sales and Admin Office  
 146 Shottskirk Road  
 Shotts  
 Lanarkshire  
 ML7 4ER

Tel: 08456 442882  
 Fax: 08700 117759



## Training Course Details

**Title:** Essentials for NX Designers

**Course Objectives:** Essentials for NX Designers as the initial class, is designed to launch students on the path of productivity. This course is designed to meet the student's expectation to transfer classroom instruction to productivity on the job. The Essentials for NX Designers course ignites the student through professional instruction pertaining to product model design, product model detailing, assembly modeling and the basics of the master model concept.

At the completion of Essentials for NX Designers the student will productively develop solid models, detail drawings, and product assemblies. The class introduces assembly modeling in the context of a real-life scenario that includes parts modeled by the student as well as part models that have already been created. This reinforces the student's understanding of the flexibility of the solid modeling and assembly tool as it can be applied in the real world of product development collaboration. As with each course developed and taught by Siemens PLM Software professionals, the Essentials for NX Designers class capitalizes on Siemens PLM Software's intimate knowledge of the software's development and instructs the students based on the underlying principles incorporated within the NX software

**Who Should Attend?** This course is designed for designers, engineers, manufacturing engineers, application programmers, NC programmers, Drafters & Checkers

<b>Agenda overview:</b>	NX part files	<b>Duration:</b>	5 days
	The NX User Interface	<b>Software Version</b>	NX5, NX6, NX7
	Coordinate systems	<b>Prerequisites:</b>	None
	Sketch Task Environment	<b>Deliverables:</b>	Full Course Guide CAD Data sets Course Certificate
	Expressions	<b>Further Recommended Training:</b>	NX Mechanical Freeform NX Mechanisms NX Advanced Surfacing NX Routing NX Shape Studio NX Simulation
	Datum features		
	Swept features		
	Part structure		
	Using sketches		
	Trim Body		
	Swept feature options		
	Hole features		
	Shell		
	Associative copies		
	Edge operations		
	Introduction to Assemblies		
	Adding and constraining components		
	Introduction to Drafting		