

i GET IT Online Training for Engineers

Course Catalog Breakdown



An Overview of Our *i GET IT* Solution

i GET IT is an online engineering knowledge development and sharing tool, which specifically addresses the engineering community with an extensive MCAD/PLM training library, powerful customization tools, learning management features and assessment capabilities.

Unlike other generic learning providers, *i GET IT* is created by dedicated resources from industry PLM leaders at Tata Technologies. This allows us to offer the most comprehensive training solution for the leading engineering design and manufacturing applications plus industry skills, providing a consistent and updated offering for each release. It also allows *i GET IT* to consult directly with customers, providing customized solutions that fit your exact training needs and beyond.

Training Subscription Options

This section provides the different options for purchasing access to I GET IT. The first option is for customers looking at develop, share and report on their own content. Where as the section options list out our commercial engineering training subscriptions, with access to all our MCAD/PLM training topics plus the ability to build your own content. Please note, you can mix and match subscription types.

The subscriptions below provide over 1,200 training and 10,000 training hours of content for today's leading MAD/PLM training software products. In addition, the Premium Bundle adds the engineering skills training topics, such as GD&T and FEA, that support the manufacturing industry.

*most up-to-date offering can be found at <https://myigetit.com/library>

	Select	Basic CAD Engineer	Professional Engineer
	Select one from below.	Includes All CAD topics	Includes all CAD + Premium Skills
MCAD/PLM Software Content			
CATIA V5	+	✓	✓
CATIA V6	+	✓	✓
SOLIDWORKS	+	✓	✓
Siemens PLM NX	+	✓	✓
Siemens PLM Teamcenter	+	✓	✓
AutoCAD	+	✓	✓
AutoCAD Electrical	+	✓	✓
Autodesk Inventor	+	✓	✓
Autodesk Fusion 360	+	✓	✓
Autodesk Navisworks	+	✓	✓
Autodesk 3ds Max	+	✓	✓
PTC Pro/ENGINEER	+	✓	✓

PTC Creo	+	✓	✓
Premium Skills Content			
GD&T Topics	+		✓
ISO GPS	+		✓
Finite Element Analysis (FEA)	+		✓
Plastics	+		✓
Injection Mold	+		✓
Additive Manufacturing	+		✓
FDM	+		✓
Automotive Design for CATIA and NX	+		✓
Vehicle Design & Packaging	+		✓
Project Management	+		✓
Content Specific Features			
Watch Live screencasts	✓	✓	✓
Browse Technical Knowledgebase	✓	✓	✓
Full Index Search of Content	✓	✓	✓
Apps for iOS and Android	✓	✓	✓
Learning Features			
Create, Edit and Manage Users	✓	✓	✓
Create and Assign Learning Paths	✓	✓	✓
Create and Manage Groups	✓	✓	✓
Run Skills Analysis Reporting	✓	✓	✓
Create Custom Courses and Assessments	✓	✓	✓
Create Technical Documentation and Tech tips	✓	✓	✓
Customize Learning Catalog Views	✓	✓	✓
Control Account Settings and Defaults	✓	✓	✓
Enterprise Features (Ask to Qualify)			
Single Sign-On using SAML 2.0	Contact Us	Contact Us	Contact Us
LMS Connector with AICC and SCORM	Contact Us	Contact Us	Contact Us
Pricing	See https://myigetit.com/plans For latest pricing.		

Training Catalog Breakdown

Below is a list of topics that are covered by I GET IT. A couple of notes to be considered:

- “Expected Completion Time” is the amount of time an average user needs to complete this course. We break this down by days so it easier to understand the amount of time a student would need to set aside to concentrate on his/her training.
- Each course is made of lessons and many Try It process, procedures and exercises. The duration of the Try It’s are calculated in the Expected Completion Time, some of which can take hours to complete.
- Courses are a mixture of video lessons, comprehensive text references, processes/exercises and quizzes...

Siemens PLM NX	Duration in Hrs.
Siemens PLM NX Essential Learning Path (New user Express)	40
• Basics and User Interface (Gateway)	
• Working with Parts	
• Sketcher	
• Modeling	
• Assemblies	
• Drafting	
Siemens PLM NX – Advanced & Specialized Topics	
CAD/CAM Updates for Upgrades	8-24
Advanced User Express	40
Advanced Assemblies	14
Synchronous Modeling	10
Advanced Modeling	25
Advanced Drafting	12
Freeform Modeling	33
Advanced Sketching	11
Sheet Metal Design	17
Gateway Resource and Property Optimization	6
PMI (Product & Manufacturing Information)	14
Electrical Routing and Harness	17
Mechanical Routing	18
Kinematic Motion Simulation	30
Advanced Simulation	24
Realize Shape	4
Shape Studio	8
Design Thinking Using Realize Shape	8
Visualization	4
WAVE Engineering	19

Curve Creation	8
Design Simulation	18
Working with Large Assemblies	7
Siemens PLM NX – CAM	
Basic Manufacturing	28
Advanced Manufacturing	16
Turning-Lathe	24
CAM Hole Making	2

Siemens PLM Teamcenter	Expected Completion Time
Rich Client for Users	8
NX CAD Integration	8
CATIA Integration	4
Change Manager	8
Structure Manager	8
Visualization Base	8
Visualization Standard	8
Visualization Mockup	8
Visualization Professional	8
Active Workspace for Consumers	8
Active Workspace for Authors	8
Active Workspace to NX Integration	8
Active Workspace to CATIA Integration	2
Active Workspace Essential	8

CATIA V5	Expected Completion Time
CATIA V5 Essential Training Learning Path	40
<ul style="list-style-type: none"> Basics and User Interface Sketching Part Design Assembly Design Wireframe and Surface 	
CATIA V5 – Advanced & Specialized Topics	
CATIA V4 to V5 Transition	4
Advanced Assembly Design	24
Advanced Part Design	24
Drafting	24

Wireframe And Surface	8
Intermediate Surfacing	24
Advanced Surfacing	8
Generative Sheet Metal Design	16
Skeleton Modeling and Advanced Methods	8
Functional Tolerancing and Annotation	24
Aerospace Foundations	8
Basic Manufacturing	32
FTA	24
GAS/GPS	32
DMU Navigator	8
DMU Space Analysis	8
DMU Kinematics	16

3DEXPERIENCE CATIA V6		Expected Completion Time
CATIA V6 Essentials Training Learning Path		24
<ul style="list-style-type: none"> Basics and User Interface (Gateway) Sketching Part Design Assembly Design Wireframe and Surface 		
CATIA V6 – Advanced & Specialized Topics		
Transition from CATIA V5 to 3DEXPERIENCE		2
Transition from SOLIDWORKS to 3DEXPERIENCE		2
Advanced Assembly Design		8
Advanced Part Design		24
Drafting		16
Intermediate Surfacing		8
Advanced Surfacing		2
Fundamentals by Creating Plastic Part		4
Plastic Part Design		8
STL Rapid Prototyping Essentials		2
Functional Tolerancing and Annotation		24
Live Shape Essentials		2

SOLIDWORKS		Expected Completion Time
SOLIDWORKS Essentials Training Learning Path		24

• Basics & User Interface	
• Sketching	
• Parts & Features	
• Assemblies	
• Drawings	
SOLIDWORKS Advanced & Specialized Topics	
Updates to SOLIDWORKS	2
CSWP Certification Prep Program	3
QuickStart for New Users	3
Model Based Definition (MBD)	3
MBD and DimXpert	3
Mold Tool Design	2
Surface Design	3
Weldments	3
Sheet Metal Design	4
Electrical Routing	1
Tube and Pipe Routing	3
Simulation Basics	4
Motion Simulation	4
Flow Simulation	4
Managing Large Assemblies	4
Top-Down Design Best Practices	2
FloXpress	3
DriveWorksXpress	2
Photoview 360	3
SOLIDWORKS Composer	7

AutoCAD	Expected Completion Time
AutoCAD Essentials Learning Path	
Essentials for Users	40
AutoCAD Advanced & Specialized Topics	
Updates to AutoCAD	1-2
2D Parametric Design	4
Blocks, Attributes and Dynamic Blocks	4
Creating Reusable Content	12
Intermediate Topics	24

Autodesk Inventor	Expected Completion Time
Autodesk Inventor Essentials Learning Path	40
• Basics & User Interface	
• Sketching	
• Parts & Features	
• Assemblies	
• Views	
• Drawings	
Autodesk Inventor Advanced & Specialized Topics	
Autodesk Inventor Professional Certification Program	4
Updates to Autodesk Inventor	1-2
Frame Generator	2
Weldments	6
Model Based Definition	2
Plastic Part Design	4
Sheet Metal Design	16
Tube and Pipe Design	8
Cable and Harness Design	6
Appearance, Materials and Styles	4
iLogic	8
Simulation FEA	4
Simulation Kinematics	8
AutoCAD Mechanical	Expected Completion Time
Essentials for New Users	16
Level 1 Getting Started	8
Level 2 Drawing and Editing Tools	4
Level 3 Documentation	24

Autodesk Fusion	Expected Completion Time
Basics for Fusion Users	4
Autodesk Fusion Certification Prep	4
New Additions Coming Soon	
Additional Workshops for CAM, Generative Design and others planned.	

AutoCAD Electrical	Expected Completion Time
AutoCAD Electrical Essentials Learning Path	16
<ul style="list-style-type: none"> Basic Workflow 	
<ul style="list-style-type: none"> Project Basics 	
<ul style="list-style-type: none"> Schematic Wiring, Components, Editing, Reporting 	
<ul style="list-style-type: none"> Panel Layouts 	
Productivity Tools	16

Autodesk Navisworks	Expected Completion Time
Autodesk Navisworks Essentials Learning Path	24
<ul style="list-style-type: none"> Basics and User Interface 	
<ul style="list-style-type: none"> 3D Model Review 	
<ul style="list-style-type: none"> Animator 	
<ul style="list-style-type: none"> Presenter Basics 	
Autodesk Navisworks Advanced	16

Autodesk Revit	Expected Completion Time
Autodesk Revit Architecture Essentials Learning Path	24
<ul style="list-style-type: none"> Basics and User Interface 	
<ul style="list-style-type: none"> Basic of a Building Model 	
<ul style="list-style-type: none"> Developing a Building Model 	
<ul style="list-style-type: none"> Detailing and Drafting 	
<ul style="list-style-type: none"> Construction Documentation 	
<ul style="list-style-type: none"> Presenting the Building Model 	

PTC Creo	Expected Completion Time
PTC Creo Essentials Learning Path	16
• Basics and User Interface	
• Sketching	
• Working with Features	
• Assembly	
• Drawings	
Additional Topics	
PTC Creo Advanced Assemblies	8
PTC Creo Advanced Modeling	8
PCT Creo MBD (Model Based Definition)	8

PTC Wildfire	Expected Completion Time
PTC Wildfire User Interface	½ day
PTC Wildfire Basic Modeling	½ day
PTC Wildfire Best Practices	½ day

Engineering Skills and Industry Topics

One of our most popular training offerings, the engineering skills and industry topics covers mostly supportive topics that almost every engineer should understand.

Engineering Skills and Industry Topics	Expected Completion Time
GD&T ASME Y14.5 2009 Fundamentals (video instructor)	14
GD&T ASME Y14.5 1994 Fundamentals (video instructor)	14
Advanced Topics in GD&T (video instructor)	12
GD&T Foundational Concepts (interactive)	4
ISO GPS Fundamentals (video instructor)	12
Finite Element Analysis Basics	4
Plastics and Injection Mold Machining	20
Introduction into Additive Manufacturing	1
Best Practices for 3D Printing: Solutions for FDM Prints	1
Lightweight Project Management	4
Lightweight Project Management for New Product Development	4
Design Thinking Principles	4
Innovation (Using QUICK Method)	4
Engineering 101	2

