3DEXPERIENCE® Edu

LEARNING EXPERIENCES LIBRARIES
ACCELERATE **3D**EXPERIENCE® ADOPTION
BOOST YOUR RETURN ON INVESTMENT
3DEXPERIENCE R2022x Catalog

3DEXPERIENCE Edu is offering companies seven Learning Experience Libraries to enable their teams to become proficient in their **3D**EXPERIENCE roles in no time and get certified!
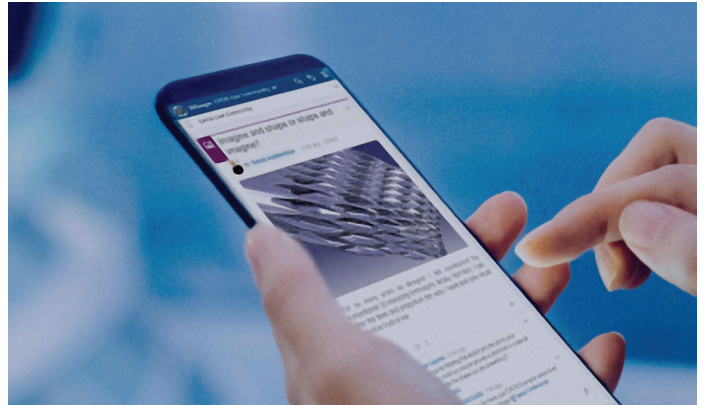
DS DASSAULT SYSTEMES

WHAT'S INVOLVED?

It's all about **3D**EXPERIENCE Edu Space (eduspace.3ds.com), an online learning portal created by Dassault Systèmes to deliver learning content to companies and individuals.

All our content is available through the following six amazing Learning Experiences Libraries!

3DEXPERIENCE
COLLABORATIVE INNOVATION

Take advantage of the **3D**EXPERIENCE platform to design and oversee the most innovative, web-based projects. Reduce resource and project costs, connect people and data to foster creative design and innovation.

3DEXPERIENCE **WORKS**

Get the most of the **3D**EXPERIENCE platform to develop expertise on selected solutions across domains such as Collaboration, Design, Simulation and Manufacturing.

DESIGN/ENGINEERING

Apply the latest Design & Engineering practices to produce the most innovative products and experiences even faster, as part of a seamless workflow.

SIMULATION

Gain simulation expertise to improve product performance while reducing risks and costs.

VIRTUAL PLANET

Let's discover Virtual Planet library! Having access to the entire Virtual Planet library enables you create great experiences in **3D**EXPERIENCE City!
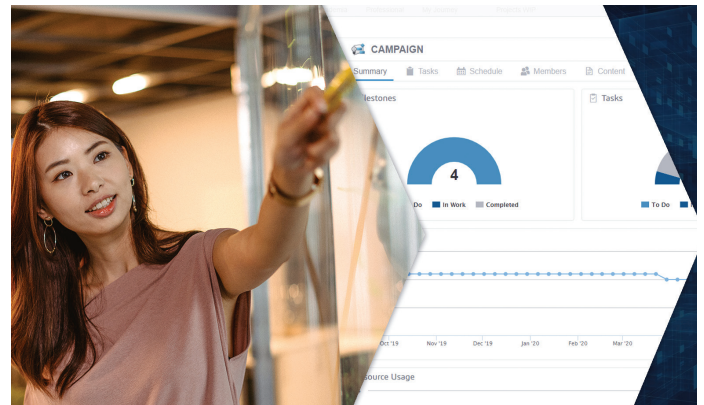

MANUFACTURING/ PRODUCTION

Great products start with great designs, but even the most innovative ideas will fail if they can't be manufactured efficiently. Gain the right skills to succeed in navigating the digital manufacturing transformation.

GOVERNANCE/LIFECYCLE

Learn how to accelerate cross-team collaboration and product development in a fully connected on-line environment where a single, shared product definition ensures teams are always seeing and working on up-to-date information.
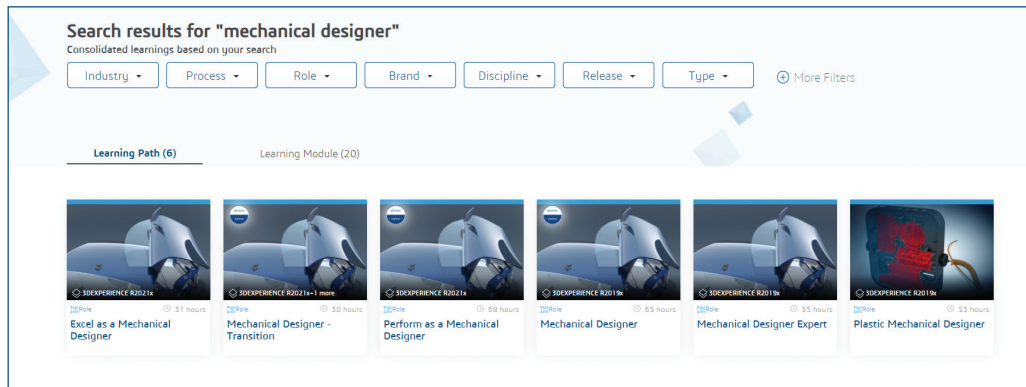

THE CHOICE IS YOURS!

HOW DOES IT WORK?

IT COULDN'T BE SIMPLER. YOU GET ACCESS TO OUR SEVEN LIBRARIES.

- **3D**EXPERIENCE collaborative innovation
- **3D**EXPERIENCE works
- Design/Engineering
- Simulation

- Virtual Planet
- Manufacturing/Production
- Governance/Lifecycle

Each library is composed of courses and learning paths designed just for you:

Tips and tricks: a learning path always starts with "Perform as a...", because we want you to perform!
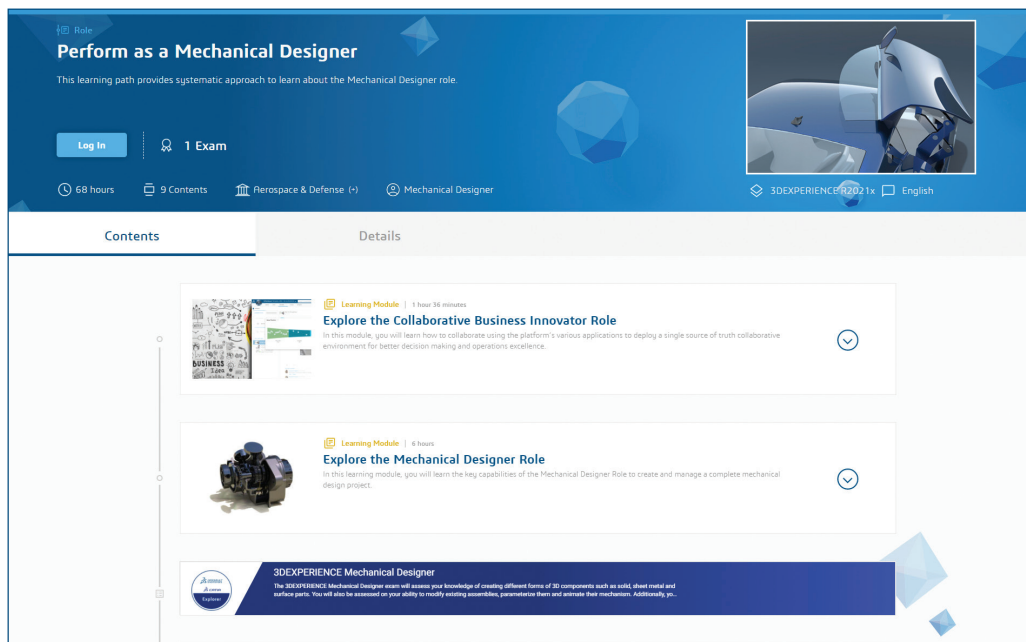

A learning path allows you to quickly understand the value of the **3D**EXPERIENCE roles you selected.

It's composed of two types of learning modules:

- Explore: Get guidance on how to quickly become proficient in the corresponding **3D**EXPERIENCE role and practice your newly gained skills. EXPLORE modules are recommended for self-paced learning.

- Practice: Deep dives into the learning module with hands-on activities. PRACTICE modules are also recommended for instructor-led training.

Now you're all set to perform as a mechanical designer, change manager, 3D product architect or whatever you choose!
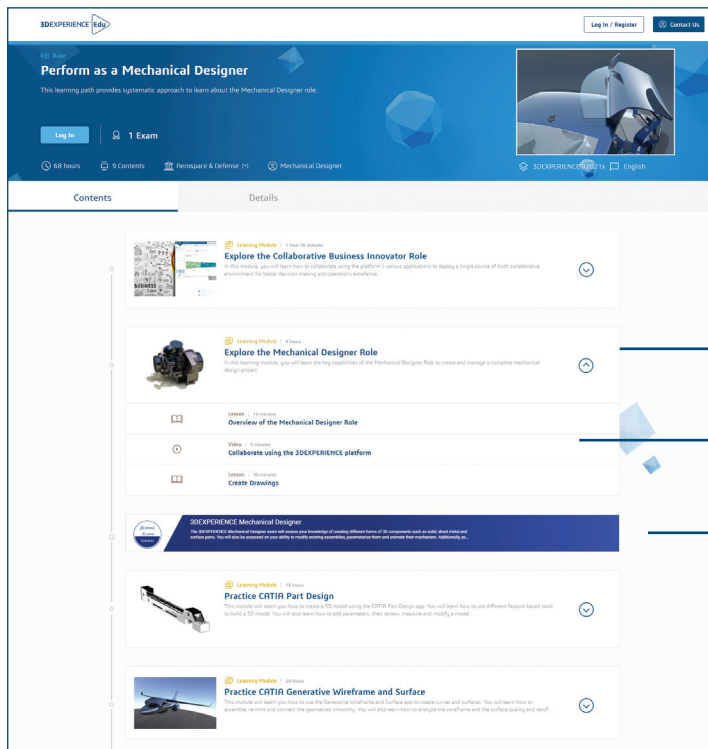

Associate Certifications attest to the acquisition of knowledge and skills during learning activities.

They are embedded in the Learning Paths. Obtain Associate Digital Badges for your employees – recognized credentials that will help them enhance their professional profile, including on social networks!

CHECK OUT HOW WELL IT'S STRUCTURED:

Learning Path (to deliver curricula)
Days

Learning Module (to deliver courses)
Hours

Learning Object (to deliver activities)
Minutes

Associate Certification

LEARNING DESIGNED JUST FOR YOU!

Main benefits of each library
- Gain key skills in industry best practices at your own pace.
- Learn-by-doing.
- Access to a progressive e-learning offer, from short interactive courses to technical deep dives.
- Shorten your training time and learn anywhere, anytime.
- Fast self-proctored certification.
- All at a very affordable subscription cost!

DISCOVER THE SEVEN LIBRARIES FOR COMPANIES

If you want to explore the up-to-date content of each library in detail, go directly to **eduspace.3ds.com** and Explore the Learning Experiences by Domain. You don't need to be logged on to see the content overview!

LEARNING EXPERIENCES FOR COLLABORATIVE INNOVATION (CILX-OC)

Ramp up faster than ever with the **3D**EXPERIENCE Collaborative Innovation library that will allow you to skill up on entry-level cloud roles and boost your team's collaborative spirit!

Take advantage of the **3D**EXPERIENCE platform to design and oversee the most innovative, web-based projects. Reduce resource and project costs, and connect people and data to foster creative design and innovation.

You'll quickly be empowered to become:

- Top Collaborative Business Innovators and Project Planners
- Best-in-breed 3D Creators and 3D Sculptors
- World-class 3D Innovators!

The following 3DEXPERIENCE roles are supported by Learning Experiences

Role Codes		Associate Certifications
CATIA		
CXD	3D Innovator	●
3DEXPERIENCE **platform**		
IFW	Collaborative Business Innovator	●
DELMIA		
LTR	Lean Team Player	●
SOLIDWORKS		
WXD	3D Creator	●
XFO	3D Sculptor	●
ENOVIA		
XPP	Project Planner	●

For example, in the LTR Lean Team Player role you'll find a collection of Learning Modules and Learning Paths:

LEAN TEAM PLAYER (LTR)	
Types	**Titles**
Learning path	Perform as Lean Team Player
Learning module	Understand Lean Fundamentals
Learning module	Understand Lean Transformation Methodology
Learning module	Lean Management at the Heart of the Industry Renaissance
Learning module	Explore the Lean Team Player Role for Transformation
Learning module	Explore the Lean Team Player Role for Team Meeting Animation
Certification	**3D**EXPERIENCE Lean Team Player - Associate

YOU'LL BECOME A WORLD-CLASS 3D INNOVATOR!

LEARNING EXPERIENCES FOR 3DEXPERIENCE WORKS (WKLX-OC)

The **3D**EXPERIENCE platform is a secure, collaborative, one-stop-shop for everyone in the Design and Manufacturing eco-system. Gain a competitive advantage with the **3D**EXPERIENCE WORKS cross-domain Library today!

Access powerful Learning Experiences that enable you to transform the way you bring products to market and create differentiated customer experiences. **3D**EXPERIENCE WORKS connects your development process from design through manufacturing to customer engagement in one interactive and collaborative environment. Learn how to collaborate, design and manage your products with **3D**EXPERIENCE WORKS library.

The **3D**EXPERIENCE roles are supported by Learning Experiences

Role Codes		Associate Certifications
CXD	3D Innovator	●
IFW	Collaborative Business Innovator	●
CCS	Creative Designer	●
CHG	Change Manager	●
CSV	Collaborative Industry Innovator	●
CSX	Visual Experience Designer	●
CXD	3D Innovator	●
DPA	3D Render	
DRA	**3D**EXPERIENCE Draftsight Premium	
ELG	Electrical 3D Systems Designer	●
FLG	Fluid 3D Systems Designer	●
FMK	Fluid Dynamics Engineer	
GDE	Function Driven Generative Designer	●
IME	Plastic Injection Engineer	
LTR	Lean Team Player	●
MDG	Mechanical Designer	●
MFN	Manufacturing Items Engineer	
MTG	Mold & Tooling Designer	
NBA	Social Business Analyst	
NMD	NC Mold & Die Programmer	
NPM	NC Prismatic Machine Programmer	●
NSR	NC Shop Floor Programmer	●
NTA	NC Mill-Turn Machine Programmer	●
NTP	NC Prismatic & Mill-Turn Machine Programmer	●
NTX	NC Milling Machine Programmer	●
PAU	3D Product Architect	●
SEI	Simulation Collaborator	
SFO	Structural Performance Engineer	●
SLL	Structural Engineer	●
SRD	Structural Designer	●
SSU	Structural Mechanics Engineer	●
TAD	3D Tolerancing & Annotation Designer	●
UE5	Collaborative Designer for CATIA V5	●
UES	Collaborative Designer for SOLIDWORKS	●
WDR	Drafter	
WXD	3D Creator	●

TRANSFORM THE WAY YOU BRING PRODUCTS TO MARKET

Role Codes		Associate Certifications
XBT	3D Sheetmetal Creator	
XEN	Product Release Engineer	●
XFO	3D Sculptor	●
XGG	3D Pattern Shape Creator	
XPP	Project Planner	●
XWC	**3D**EXPERIENCE SOLIDWORKS Premium	
XMO	3D Mold Creator	
XMB	Product Document Creator	
CLY	Classification Intelligence Analyst	
SDI	Standardization Intelligence Analyst	
XSU	3D Structure Creator	
EPU	Preferred Component Consumer	
EPA	Standard Component Manager	
XPR	Product Communicator	
XMD	3D Motion Creator	
EMC	Electromagnetics Engineer	
FGM	Durability and Mechanics Engineer	
FGP	Durability Performance Engineer	

For example, in the CHG Change Manager role you'll find a collection of Learning Modules and Learning Paths:

CHANGE MANAGER (CHG)	
Types	**Titles**
Learning path	Perform as a Change Manager
Learning module	Practice ENOVIA Change Action Management
Learning module	Explore the Change Manager Role
Certification	**3D**EXPERIENCE Change Manager – Associate

LEARNING EXPERIENCES FOR DESIGN/ENGINEERING (DELX-OC)

Having access to the entire DESIGN/ENGINEERING library enables you to create great products with great designs!

Access Learning Experiences that enable you to acquire:

- Industry-proven practices and the latest know-how in design and engineering.
- **3D**EXPERIENCE platform expertise – from concept to final assembly work concurrently, in one seamlessly integrated and managed environment.

The following **3D**EXPERIENCE roles are supported by Learning Experiences

Role Codes		Associate Certifications
CXD	3D Innovator	●
IFW	Collaborative Business Innovator	●
AICOA	Airframe Composites Designer	●
AISSA	Airframe Structural Sizing Engineer	
BCSHC	Building and Civil Systems Schematic Engineer	
CBA	Composites Braiding Designer	
CCS	Creative Designer	●
CDD	Product Industrial Designer	●
CDE	Composites Designer	●
CDF	Composites Engineer	
CDL	Composites Designer & Manufacturer	
CDT	Transportation Designer	
CIV	Civil Engineer	●
CMF	Composites Manufacturer	
CODFI	Composites Designer for Industrial Equipment	
COEFT	Composites Engineer for Transportation & Mobility	●
CSEMO	Composite Structures Engineer for Marine and Offshore	
CSV	Collaborative Industry Innovator	●
CSX	Visual Experience Designer	●
DPA	3D Render	
DRA	**3D**EXPERIENCE Draftsight Premium	
DWP	Design Review & Preparation	
EL3	Electrical 3D System Engineer	
ELD	Electrical Designer	
ELG	Electrical 3D Systems Designer	●
FFS	Aesthetical Shape Modeler	
FFX	Class A Expert	
FL3	Fluid 3D System Engineer	
FLCSA	Flight Control Surfaces Mechanical Engineer	
FLG	Fluid 3D Systems Designer	
FPM	Interior Designer	
FPP	Plastic Mechanical Designer	
GDE	Function Driven Generative Designer	●
ICD	Style & Class A Modeler	
IETET	Interior & Exterior Trim Engineer	
IND	Industrial Designer	
KDI	Template Designer	
KHC	Quality Rules Designer	
M3C	3DMaster Conceptual Designer	

Role Codes		Associate Certifications
M3D	3DMaster Designer	
M3K	Mechanical Engineer	●
MAPDA	Machined Part Designer for Aerospace & Defense	
MDD	Mechanical Part Designer	
MDG	Mechanical Designer	●
MEF	Powertrain & Chassis Designer	
MES	Mechanical & Shape Designer	●
MKS	Mechanism Simulation Designer	
MOD	Mold & Compensation Engineer	
MQD	Machine & Equipment Designer	
MQS	Shaped Machine & Equipment Designer	
MTG	Mold & Tooling Designer	
PED	Product Enclosure Designer	
PLMEE	Plant Mechanical Designer	
POWCT	Powertrain & Chassis Concept Designer	
POWMT	Powertrain & Chassis Mechanical Designer	
PRMDL	Product Mechanical Designer for Home & Lifestyle	
PTB	Tubing Designer	
ROUDM	3D Routed Systems Designer	
RPE	Reverse Engineer	●
SAT	Systems Architecture Designer	
SDY	Dynamic Systems Designer	
SEF	Systems Schematic Designer	
SGCDL	Consumer Products Composites Designer	
SHCOM	Composites Designer for Marine & Offshore	
SMQ	Mechatronic Systems Designer	
SMW	SheetMetal Designer	●
SNK	Dynamic Systems Engineer	●
STR	Structure Designer	
SUA	Shape Designer	
SUMFA	Surface Modeler for Aerospace & Defense	
SUMPA	Surface Machined Part Designer for Aerospace & Defense	
SVK	Systems Multi-Views Architect	
TAD	3D Tolerancing & Annotation Designer	●
TER	Templates & Rules Designer	●
TIC	Systems Schematic Engineer	●
TRA	Systems Synthesis Designer	
VEPAT	Vehicle Packaging Designer	
VRS	Marketing Experience Scripter	
VSO	Reverse Shape Optimizer	
WDR	Drafter	
WXD	3D Creator	●
XAR	Marketing Experience Artist	
XBT	3D Sheetmetal Creator	
XFO	3D Sculptor	●
XGG	3D Pattern Shape Creator	
XWC	**3D**EXPERIENCE SOLIDWORKS Premium	
SUM	Mechanical Shape Refinement Designer	

Role Codes		Associate Certifications
AICMA	Airframe Composites Manufacturing Engineer	●
COMEI	Composites Manufacturing Engineer for Industrial Equipment	
SHCMM	Composites Manufacturing Engineer for Marine and Offshore	
COMET	Composites Manufacturing Engineer for Transportation & Mobility	●
SGCML	Consumer Products Composites Manufacturing Engineer	
XMO	3D Mold Creator	
XSU	3D Structure Creator	
XMD	3D Motion Creator	
XMB	Product Document Creator	
BRF	Composites Braiding and Forming Engineer	
STEEH	Structural Electronics Engineer for High-Tech	
PREEH	Product Enclosure Engineer for High Tech	
MMO	Mechanical Motion Designer	●
SGD	Structural Generative Designer	
GDF	Flow Driven Generative Designer	
M3S	Mechanical and Shape Engineer	●
TRY	Systems Traceability Analyst	●
TRG	Systems Traceability Engineer	
BRF	Composites Braiding & Forming Engineer	
KED	**3D**EXPERIENCE Eco-Design Engineer	●
XPR	Product Communicator	
BUDEC	Building Designer	
ESX	Electrical Schematic Designer	
ELM	Electrical 3D & Manufacturing Engineer	

For example, in the MDG Mechanical Designer role you'll find a collection of Learning Modules and Learning Paths:

MECHANICAL DESIGNER (MDG)	
Types	**Titles**
Learning path	Perform as a Mechanical Designer
Learning module	Explore the Mechanical Designer Role
Learning module	Excel as a Mechanical Designer
Learning module	Mechanical Designer - Transition
Learning module	Transition to the **3D**EXPERIENCE platform for Mechanical Designers
Learning module	Practice CATIA Generative Wireframe and Surface
Learning module	Practice CATIA Surface Design - Added Exercises
Learning module	Practice CATIA Part Design
Learning module	Master CATIA Part Design
Learning module	Practice CATIA Part Design - Added Exercises
Learning module	Practice CATIA Natural Shape
Learning module	Practice CATIA Assembly Design
Learning module	Master CATIA Assembly Design
Learning module	Practice CATIA Assembly Design - Added Exercises
Learning module	Practice CATIA Engineering Templates Reuse
Learning module	Practice CATIA Drafting
Learning module	Master CATIA Drafting
Learning module	Practice CATIA 2D Layout for 3D Design
Learning module	Practice CATIA Natural Assembly
Learning module	Practice CATIA Mechanical Systems Design

MECHANICAL DESIGNER (MDG)

Types	Titles
Learning module	Practice CATIA Bent Part Design
Learning module	Practice CATIA Functional Plastic Parts
Learning module	Practice CATIA Sheet Metal Design
Learning module	Practice CATIA Weld Design
Learning module	Practice CATIA Quality Rules Reuse
Learning module	Practice ENOVIA Collaborative Lifecycle Management
Learning module	Practice ENOVIA On-The-Go
Learning module	Practice ENOVIA Exchanges Management
Learning module	Practice ENOVIA Design Review
Certification	**3D**EXPERIENCE Mechanical Designer - Associate

LEARNING EXPERIENCES FOR SIMULATION (SMLX-OC)

Are you keen to improve product performance while reducing risks and costs? Simulation Library enables you to accelerate the evaluation of performance, reliability and safety of materials and products before committing to physical prototypes.

You benefit from cutting-edge technologies, coupled with our Learning Experiences to drive innovation:

- Knowledge and know-how on the latest simulation practices.
- **3D**EXPERIENCE expertise so you can master simulation as part of collaborative engineering.

The following **3D**EXPERIENCE roles are supported by Learning Experiences

Role Codes		Associate Certifications
IFW	Collaborative Business Innovator	●
AHEEA	Aerospace HVAC and ECS Engineer	
AMF	Additive Manufacturing Analysis Engineer	
CSV	Collaborative Industry Innovator	●
CTEAD	Aerospace Cabin Thermal Engineer	
CYE	Composite Structures Performance Engineer	
DRD	Structural Professional Engineer	
FGA	Durability Engineer	
FLA	Fluid Mechanics Analyst	
FMK	Fluid Dynamics Engineer	
IME	Plastic Injection Engineer	
INK	Plastic Injection Part Engineer	
MAS	Material Calibration Specialist	
MCK	Multidiscipline Performance Engineer	
MDA	Additive Manufacturing Researcher	
MDO	Multidisciplinary Optimization Engineer	
MDS	Structural Simulation Designer	
PAE	Product and Packaging Analysis Engineer	
PES	Simulation Process Method Developer	
PXA	Structural Mechanics Analyst	
PXK	All Physics Analyst	
PXP	Multibody Analyst	
RIW	Results Data Analyst	
SAS	Noise & Vibration Analyst	
SBE	Simulation Model Build Engineer	
SCI	Composites Simulation Engineer	
SEI	Simulation Collaborator	
SFM	Finite Element Modeling Engineer	
SFO	Structural Performance Engineer	●
SLD	Structural Vibration Analyst	
SLL	Structural Engineer	●
SMA	Assembly Modeling Engineer	
SML	Simulation Geometry Modeler	
SMU	Mechanical Analyst	
SNE	Composites Structure Analysis Engineer	
SPF	Simulation Process Engineer	
SPI	Simulation Process & Optimization	
SRA	Simulation Results Analyst	

Role Codes		Associate Certifications
SRD	Structural Designer	●
SSU	Structural Mechanics Engineer	●
SWR	Multiscale Experiment Creator	
SYE	Structural Analysis Engineer	
TIREI	Tire Analysis Engineer	
TME	Thermal Engineer	
SSEMO	Steel Structures Engineer for Marine and Offshore	
APL	Antenna Placement Electromagnetics Engineer	
EMC	Electromagnetics Engineer	
FGM	Durability and Mechanics Engineer	
FGP	Durability Performance Engineer	
FHM	Structural and Durability Engineer	
RBM	Simulation Scripting	
KMS	Motion Analyst	
MCO	Multiscale Systems Analyst	

For example, in the SEI Simulation Collaborator role you'll find a collection of Learning Modules and Learning Paths:

SIMULATION COLLABORATOR (SEI)	
Types	**Titles**
Learning path	Perform as Simulation Collaborator
Learning module	Getting Started with Automation and Optimization
Learning module	Practice ENOVIA On-The-Go
Learning module	Practice SIMULIA Physics Simulation Review
Learning module	SIMULIA 3DPlay Simulation Experience Essentials
Learning module	Practice SIMULIA Performance Trade-off

LEARNING EXPERIENCES FOR VIRTUAL PLANET (VPLX-OC)

Having access to the entire Virtual Planet library enables you create great experiences in **3D**EXPERIENCE City

- Proven practices in the industry and the latest know-how in virtual 3D environment to interactively discover the virtual twin of the city
- Play 3D navigation experiences in City Referential Manager with a smooth user experience, from large-scale visualization to granular pedestrian perspective

The following **3D**EXPERIENCE roles are supported by Learning Experiences

Role Codes		Associate Certifications
IFW	Collaborative Business Innovator	●
CSV	Collaborative Industry Innovator	●
CYLIC	City Illustration Designer	●
CRMIC	City Referential Manager	●
CCNIC	City Contributor	●
CMO	City Analyst	
CTVIC	City Viewer	
ETC	Earth Engineering Coordinator	
GML	Geology Modeler	

LEARNING EXPERIENCES FOR MANUFACTURING/PRODUCTION (MPLX-OC)

The entire production process has to speed up, from innovation and design to production. New skills are required to succeed in the digital manufacturing transformation! We propose a set of Learning Experiences that give you the required knowledge and know-how to bridge the gap between design and manufacturing processes:

- Industry-proven practices and latest knowledge in manufacturing & production.

- **3D**EXPERIENCE platform expertise.

The following **3D**EXPERIENCE roles are supported by Learning Experiences

Role Codes		Associate Certifications
IFW	Collaborative Business Innovator	●
AMP	Powder Bed Programmer	●
AMR	Additive Manufacturing Engineer	
APB	Powder Bed Machine Programmer	
ASE	Assembly Simulation Expert (Former)	
CSV	Collaborative Industry Innovator	●
DME	3D Design for Manufacturing Engineer	
DPP	Part Preparation for Manufacturing Engineer	
EEA	Ergonomics Specialist	
EFS	Factory Simulation Engineer	●
EMR	Machine & Tooling Designer	
EQE	Shop Floor Equipment Engineer	
EQS	Shop Floor Equipment Simulation Engineer	
EWK	Work Safety Engineer	
IEN	Industrial Engineer	
LTR	Lean Team Player	●
MAE	Assembly Simulation Engineer	
MFN	Manufacturing Items Engineer	
NDR	Drill and Fill Engineer	
NFRSA	Fabrication Riveting System Programmer for Aerospace	
NMD	NC Mold & Die Programmer	●
NMG	NC Milling Machining Programmer	
NMT	NC Multi-Axis Milling & Turning Programmer	
NMV	NC Machine Code Validation Specialist	
NMX	NC Multi-Axis Milling Programmer	
NPM	NC Prismatic Machine Programmer	●
NPT	NC Prismatic & Turning Programmer	
NSR	NC Shop Floor Programmer	●
NTA	NC Mill-Turn Machine Programmer	
NTP	NC Prismatic & Mill-Turn Machine Programmer	●
NTT	Cutting Tool Technologist	
NTX	NC Milling Machine Programmer	●
PLA	Plant Layout Designer	●
PPL	Process Engineer	●
PSR	Assembly Simulation Expert	
PST	Manufacturing Engineer	
RAE	Robotics Arc Engineer	
RAM	Assembly Robot Programmer	●
RFP	Fabrication Robot Programmer	

Role Codes		Associate Certifications
ROL	Robotics Offline Programmer	
RSE	Robotics Spot Engineer	
RSF	Robotics Surface Engineer	
RSG	Surface Robot Programmer	
RSN	Robotic Workcell Simulation Engineer	
RTS	Robotics Engineer	
TMA	Time Study Analyst	
WKS	Work Instructions Designer	
ETR	Equipment & Layout Engineer	
PWD	Work Instructions Author	●
SEN	Service Process Engineer	
RARSA	Assembly Riveting System Programmer for Aerospace	

For example, in the NPT NC Prismatic & Turning Programmer role you'll find a collection of Learning Modules and Learning Paths:

NC PRISMATIC & TURNING PROGRAMMER (NPT)	
Types	**Titles**
Learning path	Perform as a NC Prismatic & Turning Programmer
Learning module	DELMIA V5 to **3D**EXPERIENCE Machining Transition
Learning module	Practice DELMIA Manufacturing Context Builder
Learning module	Practice DELMIA Prismatic & Turning Machining
Learning module	Explore theNC Prismatic & Turning Programmer Role

LEARN INDUSTRY-
PROVEN PRACTICES

LEARNING EXPERIENCES FOR GOVERNANCE/LIFECYCLE (GVLX-OC)

Dealing with huge volumes of data and information is the day-to-day challenge facing today's engineers. Be ready to manage product creation from early planning to development and final release.

Best-in-class Learning Experiences are already available through our Governance Library, offering:

- Knowledge and know-how on the latest governance practices.
- **3D**EXPERIENCE roles so that you can master collaboration across different disciplines on any device, anytime, anywhere

The following **3D**EXPERIENCE **roles are supported by Learning Experiences**

Role Codes		Associate Certifications
IFW	Collaborative Business Innovator	●
CCM	Classification Manager	●
CDR	X-CAD Designer	
CFG	Configuration Engineer	
CHG	Change Manager	●
CPYAG	Copy Author & Graphic Designer	
CSV	Collaborative Industry Innovator	●
DER	Design Reviewer	
DEY	Digital Mockup Validation Engineer	
DMVEH	Device 3D Synthesis Validation Engineer	
DPJ	Project Team Member	
DPM	Project Manager	
DRU	3D Markup Engineer	
IPS	IP Security Manager	
ISM	Defect Engineer	
LTR	Lean Team Player	●
MCM	Materials Compliance Manager	
MCY	Materials Compliance Analyst	
NBA	Social Business Analyst	
PAU	3D Product Architect	●
PCS	Collaborative Business & Industry Innovator	●
PDA	Product Architect	
PDE	Engineering BOM Manager	
PDM	Product Manager	●
RWA	Review and Approve	
SDV	Applications Developer	
TRM	Requirements Engineer	●
TXO	Customization and Specialization Administrator	
UE5	Collaborative Designer for CATIA V5	●
UES	Collaborative Designer for SOLIDWORKS	●
XCD	3D Component Designer for PLM Services	
XEN	Product Release Engineer	●
XPP	Project Planner	
EPU	Preferred Component Consumer	
EPA	Standard Component Manager	
DPS	Project Portfolio Manager	
PUS	Project Intelligence Consumer	

Role Codes		Associate Certifications
XSF	Connected Software Engineer	
DRN	Digital Mockup Review Engineer	
ATKCG	Artwork Coordinator	
CLY	Classification Intelligence Analyst	
S1X	Preferred Part Consumer	
SCU	Standard Component Librarian	
SDI	Standardization Intelligence Analyst	
XCU	Component Sourcing Analyst	
X1R	Standard Part Analyst	

For example, in the PDM Product Manager role you'll find a collection of Learning Modules and Learning Paths:

PRODUCT MANAGER (PDM)	
Types	**Titles**
Learning path	Perform as the Product Manager
Learning module	Practice ENOVIA Variant Management Essentials: Product Manager
Learning module	Practice ENOVIA Traceable Requirements Management
Learning module	Portfolio and Product Planning
Certification	**3D**EXPERIENCE Product Manager – Associate

THE MOST POPULAR MODULES ARE AVAILABLE IN OTHER LANGUAGES

EXPLORE MODULES

Role codes	Learning Module	FR	DE	JA	ZH	KO
—	It's an Industry Renaissance		●	●	●	●
IFW	Explore the Collaborative Business Innovator Role	●	●	●	●	●
CSV	Explore the Collaborative Industry Innovator Role	●	●	●	●	●
XPP	Explore the Project Planner Role	●	●	●	●	●
PLMG	Explore the Platform Manager Role	●	●	●	●	●
UES	Explore the Collaborative Designer for SOLIDWORKS Role	●	●	●	●	●
UE5	Explore the Collaborative Designer for CATIA V5 Role	●	●	●	●	●
MDG	Explore the Mechanical Designer Role	●	●	●	●	●
CCS	Explore the Creative Designer Role	●	●	●	●	●
CHG	Explore the Change Manager Role	●	●	●	●	●
CSX	Explore the Visual Experience Designer Role	●	●	●		
GDE	Explore the Function Driven Generative Designer Role	●	●	●	●	●
TAD	Explore the 3D Tolerancing & Annotation Designer Role	●	●	●	●	●
XEN	Explore the Product Release Engineer	●	●	●		
PAU	Explore the 3D Product Architect Role	●	●	●		
WXD	Explore the 3D Creator role	●	●	●	●	
XFO	Explore the 3D Sculptor role	●	●	●	●	
XBT	Explore the 3D Sheet Mettal Creator role	●	●	●	●	
LTR	Explore the Lean Team Player role	●	●	●	●	●
LTRT	Explore the Lean Team Player for Transformation role	●	●	●	●	●
NSR	Explore the NC Shop-Floor Programer role			●	●	●

PRACTICE MODULES

Role codes	Learning Module	FR	DE	JA	ZH	KO
PDG	Practice CATIA Part Design	●	●	●	●	●
ASD	Practice CATIA Assembly Design	●	●	●	●	●
ASDX	Practice CATIA Assembly Design – added exercises			●	●	●
GDR	Practice CATIA Drafting Design	●	●	●	●	●
3DMT	Transition to the **3D**EXPERIENCE platform for Mechanical Designers	●	●	●	●	●
3DST	Transition to the **3D**EXPERIENCE platform for Surface Designers	●	●	●	●	●
KIM	Practice CATIA Mechanical Systems Design	●	●	●	●	●
KE1	Practice Quality Rules Reuse					●
KT1	Practice CATIA Engineering Template Reuse					●

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175 Wyman Street	10, rue Marcel Dassault	ThinkPark Tower
Waltham, Massachusetts	CS 40501	2-1-1 Osaki, Shinagawa-ku,
02451-1223	78946 Vélizy-Villacoublay Cedex	Tokyo 141-6020
USA	France	Japan