

# LEARNING EXPERIENCES LIBRARIES ACCELERATE 3DEXPERIENCE® ADOPTION BOOST YOUR RETURN ON INVESTMENT



**3D**EXPERIENCE 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!



# 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 seven 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.



#### **3D**EXPERIENCE 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

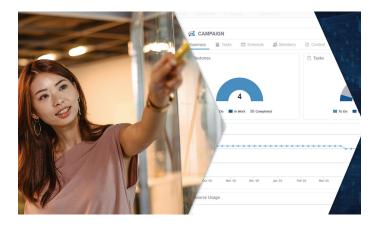
Great products start with great designs, but even the most innovative ideas will fail if they can't be manufactured efficiently. Gain the right skills to succeed in navigating the digital manufacturing transformation.



#### **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.





# **HOW DOES IT WORK?**

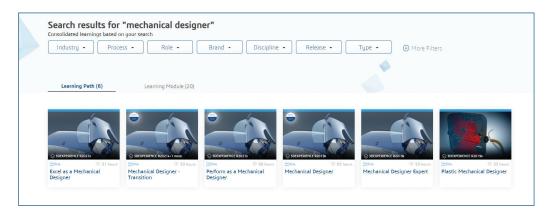
#### IT COULDN'T BE SIMPLER. YOU GET ACCESS TO OUR SEVEN LIBRARIES.

- 3DEXPERIENCE collaborative innovation
- 3DEXPERIENCE 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!

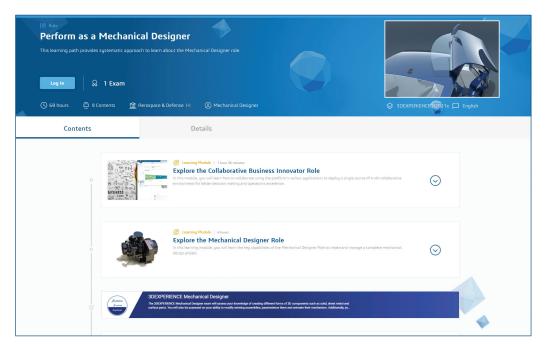


#### A learning path allows you to quickly understand the value of the 3DEXPERIENCE roles you selected.

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.

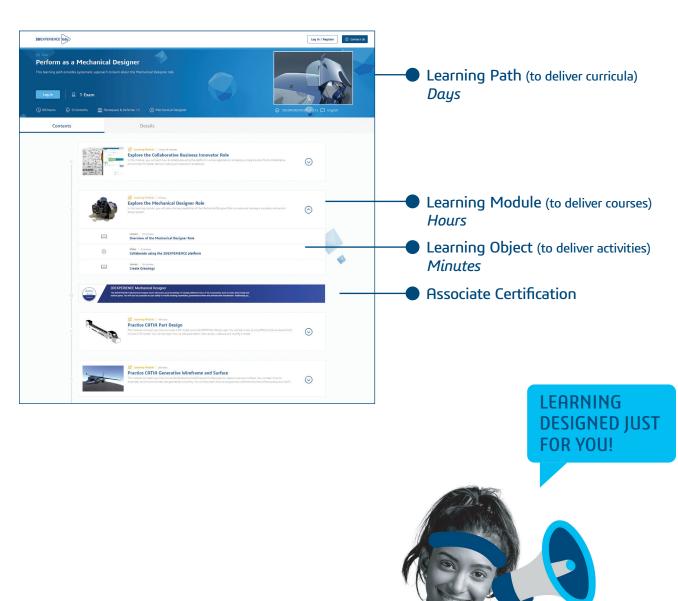
They are embedded in the Learning Paths. Obtain Associate Digital Badges for your employees – recognized credentials that will help them enhance their professional profile, including on social networks!







#### **CHECK OUT HOW WELL IT'S STRUCTURED:**



#### 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 <u>eduspace.3ds.com</u> 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 Code	S	Associate Certifications
CATIA		
CXD	3D Innovator	•
<b>3D</b> EXPERI	ENCE platform	
IFW	Collaborative Business Innovator	•
DELMIA		
LTR	Lean Team Player	•
SOLIDWOI	RKS	
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	<b>3D</b> EXPERIENCE Lean Team Player - Associate	



# **LEARNING EXPERIENCES FOR 3D**EXPERIENCE 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.

CXD 3D Innovator  IFW Collaborative Business Innovator  CCS Creative Designer  CHG Change Manager  CSV Collaborative Industry Innovator  CXX Visual Experience Designer  CXD 3D Innovator  DRA 3D SEMERIENCE Draftsight Premium  ELG Electrical 3D Systems Designer  FLG Fluid SD systems Designer  FLG Pluid Spamics Engineer  GDE Function Driven Generative Designer  ME Plastic Injection Engineer  LTR Lean Team Player  MDG Mechanical Designer  MTG Media & Tooling Designer  MTG Mold & Tooling Designer  NFR Social Business Analyst  NMD NC Mold & Die Programmer  NPM NC Prismatic Machine Programmer  NPM NC Prismatic Machine Programmer  NTR NC Mill-Turn Machine Programmer  NTR NC Mill-Turn Machine Programmer  NTR NC Mill-Turn Machine Programmer  NTR NC Milling Machine Programmer  NTR STRUCTURE S	Role Codes		Associate Certifications
CCS Creative Designer	CXD	3D Innovator	•
CHG Change Manager CSV Collaborative Industry Innovator CSX Visual Experience Designer CXD 3D Innovator CXD 3D Render CXD CXD 3D Render CXD	IFW	Collaborative Business Innovator	•
CSV Callaborative Industry Innovator CSX Visual Experience Designer CXD 3D Innovator DPA 3D Render DPA 3D Render  SUSSEPPERIENCE Draftsight Premium ELG Electrical 3D Systems Designer FLG Fluid Dynamics Engineer FLG Fluid Dynamics Engineer FLG Fluid Dynamics Engineer FLT Lean Team Player FLT Lean Tea	CCS	Creative Designer	•
CSX         Visual Experience Designer         •           CXD         3D Innovator         •           DPA         3D Render         •           DRA         3DEXPERIENCE 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         •           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 Milling Machine Programmer         •           NTA         NC Milling Machine Programmer         •           <	CHG	Change Manager	•
CXD         3D Innovator         •           DPA         3D Render           DRA         3DEXPRIENCE Draftsight Premium           ELG         Electrical 3D Systems Designer         •           FLIG         Fluid 3D Systems Designer         •           FMK         Fluid Dynamics Engineer         •           FMK         Fluid Dynamics Engineer         •           IME         Plastic Injection Engineer         •           IME         Plastic Injection Engineer         •           MFN         Mechanical Designer         •           MFN         Mechanical Designer         •           MFN         Mountacturing Items Engineer         •           MFN         Mold & Tooling Designer         •           NBA         Social Business Analyst         •           NBA         Social Business Analyst         •           NBA         NC Mold & Die Programmer         •           NBA         NC Sobrapsito Anchine Programmer         •           NBA         NC Shop Floor Programmer         •           NTA         NC Prismatic & Mill-Turn Machine Programmer         •           NTA         NC Milling Machine Programmer         •           NTA         NC Milli	CSV	Collaborative Industry Innovator	•
DPR 3D Render  DRR 3DEXPERIENCE Draftsight Premium  ELG Electrical 3D Systems Designer  FLG Fluid Dynamics Engineer  GDE Function Driven Generative Designer  HE Plastic Injection Engineer  LTR Lean Team Player  MDG Mechanical Designer  MFN Manufacturing Items Engineer  MFR Mold & Tooling Designer  MFR Mold & Tooling Designer  NBR Social Business Analyst  NMD NC Mold & Die Programmer  NPM NC Prismatic Machine Programmer  NPM NC Prismatic Machine Programmer  NTR NC Shop Floor Programmer  NTR NC Mill-Turn Machine Programmer  NTR NC Mill-Turn Machine Programmer  NTR NC Milling Machine Programmer  NTR NC Milling Machine Programmer  NTR NC Milling Machine Programmer  SEL Simulation Collaborator  SFO Structural Performance Engineer  SRD Structural Designer  SSU Structural Designer  SSU Structural Mechanics Engineer  TRD 3D Tolerancing & Annotation Designer  UES Collaborative Designer for CATIA VS  UES Collaborative Designer for CATIA VS  UES Collaborative Designer for SOLIDWORKS  WDR	CSX	Visual Experience Designer	•
DRR 3DEXPERIENCE Draftsight Premium  ELG Electrical 3D Systems Designer	CXD	3D Innovator	•
ELG Electrical 3D Systems Designer	DPA	3D Render	
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  MTG Mold & Tooling Designer  MTG Mold & Tooling Designer  NBA Social Business Analyst  NMD NC Prismatic Machine Programmer  NPM NC Prismatic Machine Programmer  NTA NC Mill-Turn Machine Programmer  NTA NC Mill-Turn Machine Programmer  NTA NC Milling Machine Programmer  NTA NC Milling Machine Programmer  SEL Simulation Collaborator  SFO Structural Performance Engineer  SSU Structural Designer  SSU Structural Designer  SSU Structural Designer  SSU Structural Mechanics Engineer  GOLIaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  WDR WILLIAM STRUCK SOLIDWORKS  WDR WILLIAM STRUCK STRUCK STRUCK STRUCK STRUCK STRUCK STRUCK STRUCK SOLIDWORKS  WDR WILLIAM STRUCK ST	DRA	<b>3D</b> EXPERIENCE Draftsight Premium	
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  MTG Mold & Tooling Designer  NBA Social Business Analyst  NMD NC Prismatic Machine Programmer  NPM NC Prismatic Machine Programmer  NTR NC Mill-Turn Machine Programmer  NTR NC Mill-Turn Machine Programmer  NTR NC Prismatic & Mill-Turn Machine Programmer  NTR NC Prismatic & Mill-Turn Machine Programmer  SEI Simulation Collaborator  SEI Simulation Collaborator  STUCTURAL Performance Engineer  SSU Structural Designer  SSU Structural Designer  TAD 3D Tolerancing & Annotation Designer  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  WDR DESIGNED AND STUCKER SIMPLE STUCKER SIMPLE SIMP	ELG	Electrical 3D Systems Designer	•
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  NTA NC Mill Mill-Turn Machine Programmer  NTA NC Milling Machine Programmer  NTA NC Milling Machine Programmer  SEI Simulation Collaborator  STO Structural Performance Engineer  SLL Structural Engineer  SRD Structural Designer  SSU Structural Mechanics Engineer  TAD 3D Tolerancing & Annotation Designer  UES Collaborative Designer for CATIR V5  UES Collaborative Designer for SOLIDWORKS  WARD STORM ST	FLG	Fluid 3D Systems 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 •   UES Collaborative Designer for CATIR V5 •   UES Collaborative Designer for SOLIDWORKS •   WDR Drafter	FMK	Fluid Dynamics Engineer	
LTR Lean Team Player • MDG Mechanical Designer • MFN Manufacturing Items Engineer  MFN Manufacturing Items Engineer  MTG Mold & Tooling Designer  NBA Social Business Analyst  NMD NC Mold & Die Programmer  NPM NC Prismatic Machine Programmer  NPM NC Prismatic Machine Programmer  NTR NC Mill-Turn Machine Programmer  NTR NC Mill-Turn Machine Programmer  NTR NC Milling Machine Programmer  NTX NC Milling Machine Programmer  SEI Simulation Collaborator  SEI Simulation Collaborator  STUCTURAL Performance Engineer  SLL Structural Performance Engineer  SSU Structural Designer  SSU Structural Mechanics Engineer  TAD 3D Tolerancing & Annotation Designer  UES Collaborative Designer for CATIA VS  USS Collaborative Designer for SOLIDWORKS  WDR Drafter	GDE	Function Driven Generative Designer	•
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 NPM NC Prismatic Machine Programmer NSR NC Shop Floor Programmer NTA NC Mill-Turn Machine Programmer NTA NC Mill-Turn Machine Programmer NTA NC Milling Machine Programmer NTA NC Milling Machine Programmer NTA Simulation Collaborator SEI Simulation Collaborator SEI Simulation Engineer SLL Structural Performance Engineer SLL Structural Engineer SSU Structural Designer SSU Structural Mechanics Engineer TAD 3D Tolerancing & Annotation Designer UES Collaborative Designer for CATIA V5 USS (Collaborative Designer for SOLIDWORKS) NTA Mold & Die Programmer NTA NA Milling Machine Programmer NA NA Milling Machine Prog	IME	Plastic Injection Engineer	
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  NTR NC Mill-Turn Machine Programmer  NTR NC Prismatic & Mill-Turn Machine Programmer  NTR NC Milling Machine Programmer  NTX NC Milling Machine Programmer  SEI Simulation Collaborator  SEI Simulation Collaborator  STO Structural Performance Engineer  SLL Structural Engineer  SSU Structural Mechanics Engineer  SSU Structural Mechanics Engineer  SSU Structural Mechanics Engineer  SCU Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  WDR Drafter	LTR	Lean Team Player	•
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  NTY NC Prismatic & Mill-Turn Machine Programmer  NTX NC Milling Machine Programmer  NTX NC Milling Machine Programmer  PAU 3D Product Architect  SEI Simulation Collaborator  SFO Structural Performance Engineer  SLL Structural Engineer  SSU Structural Mechanics Engineer  SSU Structural Mechanics Engineer  SSU Structural Mechanics Engineer  COllaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  WDR Drafter	MDG	Mechanical 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  UES Collaborative Designer for CATIA V5  WDR Drafter	MFN	Manufacturing Items Engineer	
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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  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  WDR Drafter	NBA	Social Business Analyst	
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  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  WDR Drafter	NMD	NC Mold & Die Programmer	
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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  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  WDR Drafter	NTA	NC Mill-Turn Machine Programmer	•
PAU 3D Product Architect • SEI Simulation Collaborator  SFO Structural Performance Engineer • SILL Structural Engineer • STRD Structural Designer • STRD Structural Mechanics Engineer • STRD Structural Mechanics Engineer • STRD 3D Tolerancing & Annotation Designer • STRD 3D Tolerancing & Annotation Designer • STRD STRD STRD STRD STRD STRD STRD STRD	NTP	NC Prismatic & Mill-Turn Machine Programmer	•
SEI Simulation Collaborator  SFO Structural Performance Engineer •  SLL Structural Engineer •  SRD Structural Designer •  SSU Structural Mechanics Engineer •  TAD 3D Tolerancing & Annotation Designer •  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS •  WDR Drafter	NTX	NC Milling Machine Programmer	•
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SLL Structural Engineer •  SRD Structural Designer •  SSU Structural Mechanics Engineer •  TAD 3D Tolerancing & Annotation Designer  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  WDR Drafter	SEI	Simulation Collaborator	
SRD Structural Designer •  SSU Structural Mechanics Engineer •  TAD 3D Tolerancing & Annotation Designer  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS •  WDR Drafter	SFO	Structural Performance Engineer	•
SSU Structural Mechanics Engineer •  TAD 3D Tolerancing & Annotation Designer •  UE5 Collaborative Designer for CATIA V5 •  UES Collaborative Designer for SOLIDWORKS •  WDR Drafter	SLL	Structural Engineer	•
TAD 3D Tolerancing & Annotation Designer  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  WDR Drafter	SRD	Structural Designer	•
UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  WDR Drafter	SSU	Structural Mechanics Engineer	•
UES Collaborative Designer for SOLIDWORKS  WDR Drafter	TAD	3D Tolerancing & Annotation Designer	•
WDR Drafter	UE5	Collaborative Designer for CATIA V5	•
	UES	Collaborative Designer for SOLIDWORKS	•
WXD 3D Creator	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	3DEXPERIENCE SOLIDWORKS Premium	
XM0	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	<b>3D</b> 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.

Role Codes		Associate Certifications
CXD	3D Innovator	•
FW	Collaborative Business Innovator	•
AICOA	Airframe Composites Designer	•
AISSA	Airframe Structural Sizing Engineer	
BCSHC	Building and Civil Systems Schematic Engineer	
СВА	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	<b>3D</b> 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	

M350 3DMaster Designer M36 Mechanical Engineer	Role Codes		Associate Certifications
MADD Mechanical Part Designer for Aerospace & Defense MDG Mechanical Post Designer MDG Mechanical Designer MEF Powertrain & Chassis Designer MES Mechanical & Shape Designer MES Mechanical & Shape Designer MSS Mechanism Simulation Designer MMDD Mold & Compensation Engineer MMDS Shaped Machine & Equipment Designer MMDS Mold & Tooling Designer PED Product Enclosure Designer PED Product Enclosure Designer PED Product Enclosure Designer PED Product Enclosure Designer PUMET Powertrain & Chassis Mechanical Designer POWTT Powertrain & Chassis Mechanical Designer POWTT Powertrain & Chassis Mechanical Designer PRMDL Product Mechanical Designer For Home & Lifestyle PTB Tubing Designer RPE Reverse Engineer ROUDM 3D Routed Systems Designer RPE Reverse Engineer RPE Reverse Engineer RPE Systems Architecture Designer SEF Systems Architecture Designer SEF Systems Schematic Designer SEF Systems Schematic Designer SEF Systems Schematic Designer SEF Systems Schematic Designer SEROL Consourer Products Composites Designer SEROL Composites Designer SEROL Systems Designer SEROL Systems Schematic Designer SEROL Systems Systems Designer SEROL Systems Systems Designer SEROL Systems Systems Designer SEROL Systems Supplemer SEROL	M3D	3DMaster Designer	
MDDG         Mechanical Designer           MEF         Powertrain & Chassis Designer           MES         Mechanical Shape Designer           MKS         Mechanism Simulation Designer           MMS         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           PUMET         Powertrain & Chassis Concept Designer           POWT         Powertrain & Chassis Mechanical Designer           PRMDL         Product Mechanical Designer for Home & Lifestyle           PTB         Tubing Designer           ROUDM         3D Routed Systems Designer           RE         Reverse Engineer         •           SAT         Systems Architecture Designer         •           SP         Systems Schematic Designer         •           SGCDL         Consumer Products Composites Designer         •           SHCO         Consumer Products Composites Designer         •           SHCO         Consumer Products Composites Designer         • <td>МЗК</td> <td>Mechanical Engineer</td> <td>•</td>	МЗК	Mechanical Engineer	•
MDG Mechanical Designer  MES Mechanical & Shape Designer  MES Mechanisan & Chassis Designer  MES Mechanisan Simulation Designer  MOD Mold & Compensation Engineer  MOD Machine & Equipment Designer  MQD Machine & Equipment Designer  MQS Shaped Machine & Equipment Designer  MGS Shaped Machine & Equipment Designer  MGT Mold & Tooling Designer  PED Product Enclosure Designer  PED Product Enclosure Designer  PEDWT Powertrain & Chassis Concept Designer  POWT Powertrain & Chassis Concept Designer  POWT Powertrain & Chassis Mechanical Designer  PRMDL Product Mechanical Designer For Home & Lifestyle  PTB Tubing Designer  ROUMD 3D Routed Systems Designer  PEDW Reverse Engineer  SAT Systems Rerintecture Designer  SOY Dynamic Systems Designer  SEF Systems Schematic Designer  SEF Systems Schematic Designer  SHCM Composites Designer for Marine & Offshore  SHCM Composites Designer for Marine & Offshore  SHQ Mechatronic Systems Designer  SHCM Systems Regisneer  SHQ Mechatronic Systems Designer  SHQ Mechatronic Systems Designer  SHQ Systems Regisneer  SHQ Systems Regisneer  SHQ Systems Multi-Views Pichitect  SHQ Surface Machined Part Designer for Rerospace & Defense  SUMPR Surface Modeler for Rerospace & Defense  SUMPR Surface Machined Part Designer for Rerospace & Defense  SUMPR Surface Machined Part Designer for Rerospace & Defense  SUMPR Surface Machined Part Designer for Rerospace & Defense  SUMPR Systems Synthesis Designer  TER Templates & Rules Designer  VE Systems Synthesis Designer  VE Systems Synthesis Designer  VE SPR Weitele Rekaging Designer	MAPDA	Machined Part Designer for Aerospace & Defense	
MEF	MDD	Mechanical Part Designer	
MES Mechanical & Shape Designer MKS Mechanism Simulation Designer MID Mold & Compensation Engineer MID Mold & Compensation Engineer MID Mold & Compensation Engineer MID Mold & Tooling Designer MID Mold & Tooling Designer MID Mold & Tooling Designer MID Product Enclosure Designer PED Product Enclosure Designer PED Product Enclosure Designer PED Product Enclosure Designer PED Product Enclosure Designer PEDWT Powertrain & Chassis Concept Designer POWT Powertrain & Chassis Concept Designer POWT Powertrain & Chassis Mechanical Designer PER POWT Product Mechanical Designer for Home & Lifestyle PIB Tubing Designer RED Reverse Engineer SUST Systems Designer REPE Reverse Engineer SUST Systems Schematic Designer SUST Systems Susjner SUST Systems Schematic Designer SUST Systems Multi-Views Architect SUST Systems Multi-Views Architect SUST Systems Schematic Engineer	MDG	Mechanical Designer	•
MISS Mechanism Simulation Designer MOD Mold & Compensation Engineer MOD Machine & Equipment Designer MOS Shaped Machine & Equipment Designer MTG Mold & Tooling Designer MTG Mold & Tooling Designer PED Product Enclosure Designer PED Product Mechanical Designer PED Product Mechanical Designer POWT Product Mechanical Designer PRMDL Product Mechanical Designer For Home & Lifestyle PTB Tubing Designer ROUDM 3D Routed Systems Designer RPE Reverse Engineer ROUDM 3D Routed Systems Designer RPE Reverse Engineer SPAT Systems Architecture Designer SPAT Systems Schematic Engineer Scripter	MEF	Powertrain & Chassis Designer	
MOD Machine & Equipment Designer 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 POWT Powertrain & Chassis Mechanical Designer POWT Powertrain & Chassis Mechanical Designer PTRNDL Product Mechanical Designer for Home & Lifestyle PTB Tubing Designer RRDUD 3D Routed Systems Designer RPE Reverse Engineer RPE Reverse Engineer RPE Reverse Engineer SQUDM Systems Schematic Designer SQUDM Systems Schematic Designer SQUDM Consumer Products Composites Designer SGCDL Consumer Products Composites Designer SHCOM Composites Designer for Marine & Offshore SMQ Mechatronic Systems Designer SMW SheetMetal Designer SMR Systems Schematic Posigner SMR Systems Sengineer SQUAM Systems Designer SQUAM Shape Designer SQUAM Systems Designer SQUAM Systems Designer SQUAM Systems Designer SQUAM Systems Designer SQUAM Shape Designer SQUAM Systems Engineer SQUAM Systems Engineer SQUAM Systems Engineer SQUAM Systems Engineer SQUAM Systems Sengineer SQUAM Systems Multi-Views Architect TRD SQUAFFAR SQUAFFAR Sulface Modeler for Rerospace & Defense SQUAM Systems Multi-Views Architect TRD SQUAFFAR SQUAFFAR Sulface Modeler for Rerospace & Defense SQUAM Squamic Systems Schematic Engineer TER Templates & Rules Designer TER Templates & Rules Designer VEPAT Vehicle Packaging Designer VEPAT Vehicle Packaging Designer	MES	Mechanical & Shape Designer	•
MQD Machine & Equipment Designer MQS Shaped Machine & Equipment Designer MTG Mold & Tooling Designer PED Product Enclosure Designer PED Product Enclosure Designer PED Product Enclosure Designer POWCT Powertrain & Chassis Concept Designer POWCT Powertrain & Chassis Concept Designer POWT Powertrain & Chassis Mechanical Designer PRNDL Product Mechanical Designer for Home & Lifestyle PTB Tubing Designer ROUDM 3D Routed Systems Designer ROUDM 3D Routed Systems Designer ROUDM 3D Routed Systems Designer REE Reverse Engineer SAT Systems Architecture Designer SDY Dynamic Systems Designer SCCD Consumer Products Composites Designer SHCOM Composites Designer Of Marine & Offshore SMQ Mechatronic Systems Designer SMW SheetMetal Designer SMW SheetMetal Designer STR Structure Designer SUMPA Surface Modeler for Perospace & Defense SUMPA Surface Modeler for Perospace & Defense SUMPA Surface Modeler for Perospace & Defense SUMPA Systems Multi-Views Architect TAD 3D Tolerancing & Annotation Designer TER Templates & Rules Designer TER Templates & Rules Designer TRE Systems Schematic Engineer VEPAT Velicle Packaging Designer VEPAT Velicle Packaging Designer	MKS	Mechanism Simulation Designer	
MQS Shaped Machine & Equipment Designer MTG Mold & Tooling Designer PED Product Enclosure Designer PLMEE Plant Mechanical Designer POWCT Powertrain & Chassis Concept Designer POWTT Powertrain & Chassis Mechanical Designer PRMDL Product Mechanical Designer FOWMT Powertrain & Chassis Mechanical Designer PRMDL Product Mechanical Designer for Home & Lifestyle PTB Tubing Designer ROUDM 3D Routed Systems Designer RPE Reverse Engineer ● SQT Systems Architecture Designer SQT Systems Architecture Designer SQT Systems Schematic Designer SQCDL Consumer Products Composites Designer SQCDL Consumer Products Composites Designer SMQ Mechatronic Systems Designer SMQ Mechatronic Systems Designer SMQ SheetMetal Designer SMR Spynamic Systems Engineer ● SMR Shape Designer SUMFA Surface Modeler for Rerospace & Defense SUMFA Surface Modeler for Rerospace & Defense SUMFA Surface Modeler for Rerospace & Defense SUMS Systems Multi-Views Rrchitect TAD 3D Tolerancing & Rantotation Designer TEMP Systems Schematic Engineer ● TEMP Systems Schematic Engineer VEPAT Vehicle Packaging Designer VEPAT Vehicle Packaging Designer	MOD	Mold & Compensation Engineer	
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 •  Reverse Engineer •  Systems Architecture Designer  SDY Dynamic Systems Designer  SEF Systems Schematic Designer  SEF Systems Schematic Designer  SHCOM Composites Designer Officer  SHCOM Composites Designer  SHCOM SheetMetal Designer  SMQ Mechatronic Systems Designer  SNM SheetMetal Designer  SNM SheetMetal Designer  SNR Dynamic Systems Engineer •  STR Structure Designer  SUM Shape Designer  SUM Shape Designer  SUM Surface Modeler for Aerospace & Defense  SUMPA Surface Modeler for Rerospace & Defense  SUMPA Systems Multi-Views Architect  TRD 3D Tolerancing & Annotation Designer  TER Templates & Rules Designer  TER Templates & Rules Designer  VEPAT Vehicle Packaging Designer  VEPAT Vehicle Packaging Designer  VEPAT Vehicle Packaging Designer	MQD	Machine & Equipment 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  SNW SheetMetal Designer  SNK Dynamic Systems Engineer • SNK Dynamic Systems Engineer  SNR Structure Designer  SUMA Shape Designer  SUMA Shape Designer  SUMA Surface Modeler for Aerospace & Defense  SUMPA Surface Modeler for Aerospace & Defense  SUMPA Systems Multi-Views Architect  TAR Systems Schematic Engineer • TER Emplates & Rules Designer  TIC Systems Schematic Engineer • TIC Systems Schematic Engineer  VEPAT Vehicle Packaging Designer  VEPAT Vehicle Packaging Designer	MQS	Shaped Machine & Equipment 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	MTG	Mold & Tooling 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 SEGDL Consumer Products Composites Designer SHCOM Composites Designer for Marine & Offshore SMQ Mechatronic Systems Designer SMW SheetMetal Designer SNK Dynamic Systems Engineer • STR Structure Designer SUR Structure Designer SUR Systems Engineer • STR Structure Designer SUR Shape Designer SUR Shape Designer SUR Surface Modeler for Rerospace & Defense SURPA Surface Modeler for Rerospace & Defense SURPA Systems Multi-Views Architect TRD 3D Tolerancing & Annotation Designer TER Templates & Rules Designer TER Templates & Rules Designer TIC Systems Schematic Engineer VEPAT Vehicle Packaging Designer VEPAT Vehicle Packaging Designer	PED	Product Enclosure Designer	
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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 October Systems Designer SMQ Mechatronic Systems Designer SMW SheetMetal Designer SNK Dynamic Systems Engineer • STR Structure Designer SUMPA Shape Designer SUMPA 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 Synthesis Designer VEPAT Vehicle Packaging Designer VEPAT Vehicle Packaging Designer VEPAT Vehicle Packaging Designer	POWCT	Powertrain & Chassis Concept Designer	
PTB Tubing Designer  ROUDM 3D Routed Systems Designer  RPE Reverse Engineer ●  SQT Systems Architecture Designer  SDY Dynamic Systems Designer  SEF Systems Schematic Designer  SEF Systems Products Composites Designer  SHCOM Composites Designer for Marine & Offshore  SHCOM Composites Designer for Marine & Offshore  SMQ Mechatronic Systems Designer  SMW SheetMetal Designer  SMK Dynamic Systems Engineer ●  SNK Dynamic Systems Engineer  STR Structure Designer  SUA Shape Designer  SUA Shape Designer  SUA Surface Modeler for Aerospace & Defense  SUA Surface Modeler for Aerospace & Defense  SUA 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  VERA Marketing Experience Scripter	POWMT	Powertrain & Chassis Mechanical Designer	
PTB Tubing Designer  ROUDM 3D Routed Systems Designer  RPE Reverse Engineer ●  SQT Systems Architecture Designer  SDY Dynamic Systems Designer  SEF Systems Schematic Designer  SEF Systems Products Composites Designer  SHCOM Composites Designer for Marine & Offshore  SHCOM Composites Designer for Marine & Offshore  SMQ Mechatronic Systems Designer  SMW SheetMetal Designer  SMK Dynamic Systems Engineer ●  SNK Dynamic Systems Engineer  STR Structure Designer  SUA Shape Designer  SUA Shape Designer  SUA Surface Modeler for Aerospace & Defense  SUA Surface Modeler for Aerospace & Defense  SUA 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  VERA Marketing Experience Scripter	PRMDL	Product Mechanical Designer for Home & Lifestyle	
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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  SUA Shape Designer  SUMFA Surface Modeler for Aerospace & Defense  SUMPA Surface Modeler for Aerospace & Defense  SVK Systems Multi-Views Architect  TAD 3D Tolerancing & Annotation Designer  TER Templates & Rules Designer  TIC Systems Schematic Engineer  VEPAT Vehicle Packaging Designer  VRS Marketing Experience Scripter	SAT	Systems Architecture 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  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  TIC Systems Schematic Engineer  TRA Systems Synthesis Designer  VEPAT Vehicle Packaging Designer  VRS Marketing Experience Scripter	SDY	Dynamic Systems Designer	
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SMWSheetMetal Designer•SNKDynamic Systems Engineer•STRStructure DesignerSUAShape DesignerSUMFASurface Modeler for Aerospace & DefenseSUMPASurface Machined Part Designer for Aerospace & DefenseSVKSystems Multi-Views ArchitectTAD3D Tolerancing & Annotation Designer•TERTemplates & Rules Designer•TICSystems Schematic Engineer•TRASystems Synthesis DesignerVEPATVehicle Packaging DesignerVRSMarketing Experience Scripter	SHCOM	Composites Designer for Marine & Offshore	
SNK 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 TIC Systems Schematic Engineer TIC Systems Synthesis Designer VEPAT Vehicle Packaging Designer VRS Marketing Experience Scripter	SMQ	Mechatronic Systems Designer	
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	SMW	SheetMetal Designer	•
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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	STR	Structure Designer	
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	SUA	Shape Designer	
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	SUMFA	Surface Modeler for Aerospace & Defense	
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	SUMPA	Surface Machined Part Designer for Aerospace & Defense	
TER Templates & Rules Designer  TIC Systems Schematic Engineer  TRA Systems Synthesis Designer  VEPAT Vehicle Packaging Designer  VRS Marketing Experience Scripter	SVK	Systems Multi-Views Architect	
TIC Systems Schematic Engineer •  TRA Systems Synthesis Designer  VEPAT Vehicle Packaging Designer  VRS Marketing Experience Scripter	TAD	3D Tolerancing & Annotation Designer	•
TRA Systems Synthesis Designer  VEPAT Vehicle Packaging Designer  VRS Marketing Experience Scripter	TER	Templates & Rules Designer	•
VEPAT Vehicle Packaging Designer  VRS Marketing Experience Scripter	TIC	Systems Schematic Engineer	•
VRS Marketing Experience Scripter	TRA	Systems Synthesis Designer	
	VEPAT	Vehicle Packaging Designer	
VSO Reverse Shape Optimizer	VRS	Marketing Experience Scripter	
	VSO	Reverse Shape Optimizer	
WDR Drafter	WDR	Drafter	
WXD 3D Creator •	WXD	3D Creator	•
XAR Marketing Experience Artist	XAR	Marketing Experience Artist	
XBT 3D Sheetmetal Creator	XBT	3D Sheetmetal Creator	
XFO 3D Sculptor •	XFO	3D Sculptor	•
XGG 3D Pattern Shape Creator	XGG	3D Pattern Shape Creator	
XWC 3DEXPERIENCE SOLIDWORKS Premium	XWC	3DEXPERIENCE SOLIDWORKS Premium	
SUM Mechanical Shape Refinement Designer	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	
MM0	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	<b>3D</b> 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 <b>3D</b> 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	



# THE LATEST KNOW-HOW IN DESIGN AND ENGINEERING

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	<b>3D</b> 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.
- 3DEXPERIENCE expertise so you can master simulation as part of collaborative engineering.

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	

# BENEFIT FROM CUTTING-EDGE TECHNOLOGIES



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 3DEXPERIENCE 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

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.
- 3DEXPERIENCE platform expertise.

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 3DEXPERIENCE Machining Transition
Learning module	Practice DELMIA Manufacturing Context Builder
Learning module	Practice DELMIA Prismatic & Turning Machining
Learning module	Explore theNC Prismatic & Turning Programmer Role



# **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.
- 3DEXPERIENCE roles so that you can master collaboration across different disciplines on any device, anytime, anywhere

TEV Collaborative Business Innovator   CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			
CCM Classification Manager CCR X-CRD Designer CCFG Configuration Engineer CCFG Configuration Engineer CCFG Configuration Engineer CCSV Collaborative Industry Innovator CCSV COLLABORATION INDUSTRY I	Role Codes		Associate Certifications
CCR X-CAD Designer CCFG Configuration Engineer CCHG Change Manager CCPYRG Copy Ruthor & Graphic Designer CCSV Collaborative Industry Innovator DER Design Reviewer DEY Digital Mockup Validation Engineer DDY Device 3D Synthesis Validation Engineer DDY Project Team Member DDP Project Team Member DDP Project Team Member DDP Project Team Member DDR 3D Markup Engineer DDR 3D Markup Engineer DDR 4D Security Manager DR 5D Security Manager DR 6D Security Manager DR 7D Security Manager D			•
CFG Configuration Engineer CFG Change Manager			•
CHG         Change Manager         ●           CPYAG         Copy Ruthor & Graphic Designer         ●           CSV         Collaborative Industry Innovator         ●           DER         Design Reviewer         ●           DEY         Digital Mockup Validation Engineer         ●           DPJ         Project Team Member         ●           DPJ         Project Manager         ●           DRU         3D Markup Engineer         ●           DRU         3D Markup Engineer         ●           LTR         Lean Team Player         ●           MCM         Materials Compliance Manager         ●           MCM         Materials Compliance Manager         ●           MCM         Materials Compliance Analyst         ●           MCM         Materials Compliance Manager         ●           MCM         Materials Compliance Analyst         ●           MCM         Materials Compliance Analyst         ●           MCM         Materials Compliance Analyst         ●           MCM         Materials Compliance Manager         ●           PCS         Collaborative Business & Industry Innovator         ●         ●           PCS         Collaborative Business & Industry Innov			
CPYAG Copy Author & Graphic Designer CSV Collaborative Industry Innovator  DER Design Reviewer DEY Digital Mockup Validation Engineer DDV Digital Mockup Validation Engineer DDV Project Team Member DDPI Project Manager DDRI 3D Markup Engineer DDRI 3D Markup Engineer DDRI 3D Markup Engineer DDRI 4D Security Manager DDRI 5D Security Manager DDRI 5D Security Manager DDRI 6D Security Manager DDRI 7D Security Manager DDRI 7D Security Manager DDRI 8D Security Materials Compliance Manager DDRI 8D Security Materials Compliance Manager DDRI 8D Security Business Analyst DDRI 8D Secur			
CSV Collaborative Industry Innovator DER Design Reviewer  DEY Digital Mockup Validation Engineer  DEY Device 3D Synthesis Validation Engineer  DEY Project Team Member  DEY Project Team Member  DEW Project Manager  DRU 3D Markup Engineer  DRU 3D Markup Engineer  DRU 3D Markup Engineer  DRU 4D Materials Compliance Manager  MCV Materials Compliance Manager  MCV Materials Compliance Manager  DRU 3D Product Richitect  DRU 3D Product Architect  DRU 3D Product Architect  PDE Engineering BOM Manager  PDRU 6D Product Architect  PDR Product Manager  PDRU 7D Product Manager  PDRU 8D Product Manager  PDRU 8D Product Manager  PDRU 8D Product Manager  PDRU 9D Product Manager  PDRU 9D Product Manager  PDRU 1D Product Manager  PDRU 9D Product Manager  PDRU 9D Product Manager  PDRU 1D Project Planner  PDRU 1D Project Planner  PDRU 1D Project Planner  PDRU 1D Project Portfolio Manager	CHG		•
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  IPS UPS Defect Engineer  IPS Lean Team Player  MCM Materials Compliance Manager  MCY Materials Compliance Manager  MCY Materials Compliance Manager  PDB 3D Product Architect  PDB Product Architect  PDB Engineering BOM Manager  PDB Product Manager  RWM Review and Approve  SDV Applications Developer  TTRM Requirements Engineer  LTR Requirements Engineer  LTR Collaborative Designer for CATIA V5  Collaborative Designer for SOLIDWORKS  COLIBORATIVE Planner  LTR Component Manager  PPOM Product Release Engineer  SEN Product Release Engineer  SEN Product Release Engineer  PDR PRODUCT RELEASE Engineer  SEN COLIBORATIVE Designer for PLM Services  SEN Product Release Engineer  SEN PRODUCT RELEASE Engineer	CPYAG		
DEY Digital Mockup Validation Engineer  DMVEH Device 3D Synthesis Validation Engineer  DPJ Project Team Member  DPJ Project Manager  DPM Project Manager  DPM 3D Markup Engineer  DPS IP Security Manager  DES IP SECURITY MANAGER MANAGER  DES COLLABORATION MANAGER MANAGER  DES COLLABORATION MANAGER  DES COLLABORATION MANAGER  DES MANAGER MANAGER  DES MA	CSV		•
DOWNEH Device 3D Synthesis Validation Engineer DPJ Project Team Member DPM Project Manager DRU 3D Markup Engineer DRS IP Security Manager DRS IP Security Manager DRS Defect Engineer LTR Lean Team Player MCM Materials Compliance Manager MCY Materials Compliance Analyst NBB Social Business Analyst PPU 3D Product Architect PCS Collaborative Business & Industry Innovator PDB Product Architect PDE Engineering BOM Manager PDB Product Manager RWWA Review and Approve SDV Applications Developer TRM Requirements Engineer TXO Customization and Specialization Administrator UES Collaborative Designer for CATIR V5 USS COllaborative Designer for PLM Services XEN Product Release Engineer EPP Project Planner EPP Standard Component Manager PPP Project Portfolio Manager PPP Project Portfolio Manager	DER	Design Reviewer	
DPJ Project Team Member  DPM Project Manager  DRU 3D Markup Engineer  IPS IP Security Manager  ISM Defect Engineer  ISM Defect Engineer  ISM 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  RWWA Review and Approve  SDV Applications Developer  ITM Requirements Engineer  TXO Customization and Specialization Administrator  UES Collaborative Designer for CATIA V5  CUSTOM 3D Component Designer for PLM Services  XEN Product Release Engineer  XEN Project Planner  EPPA Standard Component Manager  PDP Proferred Component Consumer  EPPA Standard Component Manager  PDP Project Portfolio Manager	DEY	Digital Mockup Validation Engineer	
DPM Project Manager  DRU 3D Markup Engineer  DRS IP Security Manager  DRISM Defect Engineer  LTR Lean Team Player •  MCM Materials Compliance Manager  MCY Materials Compliance Analyst  NBA Social Business Analyst  PPU 3D Product Architect  PDE Engineering BOM Manager  PDM Product Architect  PDE Engineering BOM Manager  RWA Review and Approve  SDV Applications Developer  TRM Requirements Engineer  TXO Customization and Specialization Administrator  UES Collaborative Designer for CATIA V5  XCD 3D Component Designer for PLM Services  XEN Project Planner  EPU Preferred Component Consumer  EPU Preferred Component Consumer  EPU Preferred Component Manager  PDP Project Portfolio Manager  PDP Project Portfolio Manager	DMVEH	Device 3D Synthesis Validation Engineer	
DRU 3D Markup Engineer  IPS IP Security Manager  ISM Defect Engineer  LTR Lean Team Player •  MCM Materials Compliance Manager  MCV Materials Compliance Analyst  NBB Social Business Analyst  PPU 3D Product Architect •  PPD Collaborative Business & Industry Innovator •  PPD Engineering BOM Manager  PPD Product Analyse •  RWA Review and Approve  SDV Applications Developer  TRM Requirements Engineer  TXO Customization and Specialization Administrator  ULES Collaborative Designer for CATIA V5  ULES Collaborative Designer for SDLIDWORKS  XCD 3D Component Designer  PPD Project Planner  EPU Preferred Component Consumer  EPU Preferred Component Manager  PPD Project Portfolio Manager  PPD Project Portfolio Manager	DPJ	Project Team Member	
IPS IP Security Manager  ISM Defect Engineer  LTR Lean Team Player •  MCM Materials Compliance Manager  MCY Materials Compliance Analyst  NBB Social Business Analyst  PPU 3D Product Architect •  PDE Collaborative Business & Industry Innovator •  PDE Engineering BOM Manager  PPW Product Manager  RWA Review and Approve  SDV Applications Developer  TRM Requirements Engineer  LUES Collaborative Designer for CATIA V5  LUES Collaborative Designer for SDLIDWORKS  LUES COllaborative Designer for PLM Services  LEXT PRODUCT Project Planner  EPU Preferred Component Consumer  EPU Preferred Component Manager  PPU Project Portfolio Manager  PPU Project Portfolio Manager  PPU Project Portfolio Manager	DPM	Project Manager	
Defect Engineer  LTR Lean Team Player  MCM Materials Compliance Manager  MCY Materials Compliance Analyst  NBA Social Business Analyst  PRU 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  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for PLM Services  XXCD 3D Component Designer for PLM Services  XXCD 3D Component Consumer  EPU Preferred Component Consumer  EPU Preferred Component Manager  DPS Project Portfolio Manager	DRU	3D Markup Engineer	
LTR Lean Team Player  MCM Materials Compliance Manager  MCY Materials Compliance Analyst  NBA Social Business Analyst  PRU 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  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  XXCD 3D Component Designer or PLM Services  XXPP Project Planner  EPU Preferred Component Consumer  EPA Standard Component Manager  DPS Project Portfolio Manager	IPS	IP Security Manager	
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 PDM Product Manager RWA Review and Approve SDV Applications Developer RTM Requirements Engineer RTXO Customization and Specialization Administrator UES Collaborative Designer for CATIA V5 UES Collaborative Designer for SOLIDWORKS CXCD 3D Component Designer for PLM Services RXEN Product Release Engineer EDW Preferred Component Consumer EDW Preferred Component Manager DPS Project Portfolio Manager	ISM	Defect Engineer	
MCY Materials Compliance Analyst  NBA Social Business Analyst  PPU 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  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  XCD 3D Component Designer for PLM Services  XEN Product Release Engineer  EPU Preferred Component Consumer  EPU Preferred Component Manager  DPS Project Portfolio Manager	LTR	Lean Team Player	•
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  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  XXCD 3D Component Designer for PLM Services  XXCD 3D Component Consumer  EPU Preferred Component Consumer  EPA Standard Component Manager  DPS Project Portfolio Manager	MCM	Materials Compliance Manager	
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  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  ASD SD Component Designer for PLM Services  XXD 3D Component Designer  EXP Project Planner  EPU Preferred Component Consumer  EPA Standard Component Manager  DPS Project Portfolio Manager	MCY	Materials Compliance Analyst	
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  UES Collaborative Designer for CATIA V5  UES Collaborative Designer for SOLIDWORKS  XCD 3D Component Designer for PLM Services  XEN Product Release Engineer  XEN Project Planner  EPU Preferred Component Consumer  EPA Standard Component Manager  DPS Project Portfolio Manager	NBA	Social Business Analyst	
PDB Product Architect PDE Engineering BOM Manager  PDM Product Manager •  RWA Review and Approve  SDV Applications Developer  TRM Requirements Engineer •  TXO Customization and Specialization Administrator  UES Collaborative Designer for CATIA V5 •  UES Collaborative Designer for SOLIDWORKS •  XCD 3D Component Designer for PLM Services  XEN Product Release Engineer •  XXP Project Planner  EPU Preferred Component Consumer  EPA Standard Component Manager  DPS Project Portfolio Manager	PAU	3D Product Architect	•
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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  XYP Project Planner  EPU Preferred Component Consumer  EPA Standard Component Manager  DPS Project Portfolio Manager	PDA	Product Architect	
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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  XEP Project Planner  EPU Preferred Component Consumer  EPA Standard Component Manager  DPS Project Portfolio Manager	PDM	Product Manager	•
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	RWA	Review and Approve	
Customization and Specialization Administrator  UES 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	SDV	Applications Developer	
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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	TXO	Customization and Specialization Administrator	
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	UE5	Collaborative Designer for CATIA V5	•
XEN Product Release Engineer  XPP Project Planner  EPU Preferred Component Consumer  EPA Standard Component Manager  DPS Project Portfolio Manager	UES	Collaborative Designer for SOLIDWORKS	•
Project Planner  EPU Preferred Component Consumer  EPA Standard Component Manager  DPS Project Portfolio Manager	XCD	3D Component Designer for PLM Services	
Preferred Component Consumer  EPA Standard Component Manager  DPS Project Portfolio Manager	XEN	Product Release Engineer	•
EPA Standard Component Manager  DPS Project Portfolio Manager	XPP	Project Planner	
DPS Project Portfolio Manager	EPU	Preferred Component Consumer	
	EPA	Standard Component Manager	
	DPS	Project Portfolio Manager	
	PUS		

KNOWLEDGE ON THE LATEST GOVERNANCE PRACTICES



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	<b>3D</b> EXPERIENCE Product Manager – Associate		

# THE MOST POPULAR MODULES ARE AVAILABLE IN OTHER LANGUAGES

#### **EXPLORE MODULES**

Role codes	Learning Module	FR	DE	JA	ZH	ко
_	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 <b>3D</b> EXPERIENCE platform for Mechanical Designers	•	•	•	•	•
3DST	Transition to the <b>3D</b> EXPERIENCE platform for Surface Designers	•	•	•	•	•
KIM	Practice CATIA Mechanical Systems Design	•	•	•	•	•
KE1	Practice Quality Rules Reuse					•
KT1	Practice CATIA Engineering Template Reuse					•



#### **HOW TO BUY A LIBRARY?**

Dassault Systèmes Learning Experiences are available through the learning portal: eduspace.3ds.com



For pricing information please fill the form and a sales representative will contact you.

#### Our **3D**EXPERIENCE® platform powers our brand applications, serving 11 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE Company, is a catalyst for human progress. We provide business and people with collaborative virtual environments to imagine sustainable innovations. By creating 'virtual experience twins' of the real world with our 3DEXPERIENCE platform and applications, our customers push the boundaries of innovation, learning and production.





**3D**EXPERIENCE



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