



3DEXPERIENCE®

SIMULIA

3DEXPERIENCE R2016x Learning Paths

June 2016

Delivery formats



• **Instructor led:** the class is delivered by an instructor, either face-to-face or distant (virtual) via an internet connection and a screen sharing session.



• In all cases, the courseware is available **online** via **Companion Learning Space** (<https://companion.3ds.com>).

Companion Learning Space



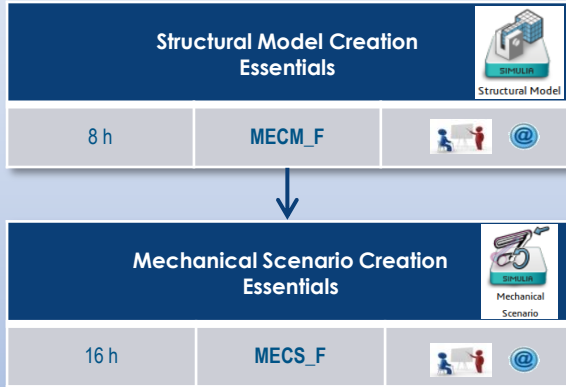
Learning Paths by role

- ❖ **SIMULIA** *Mechanical Analyst*
- ❖ **SIMULIA** *Structural Vibration Analyst*
- ❖ **SIMULIA** *Noise & Vibration Analyst*
- ❖ **SIMULIA** *Fluid Mechanics Analyst*
- ❖ **SIMULIA** *Finite Element Modeling & Assembly Specialist*
- ❖ **SIMULIA** *Simulation Geometry Modeler*
- ❖ **SIMULIA** *Assembly Modeling Specialist*
- ❖ **SIMULIA** *Structural Analysis Engineer*
- ❖ **SIMULIA** *Steel Ship Structural Analysis Engineer*
- ❖ **SIMULIA** *Stress Engineer*
- ❖ **SIMULIA** *Fluid Dynamics Engineer*
- ❖ **SIMULIA** *Results Data Analyst*
- ❖ **SIMULIA** *Simulation Foundation*
- ❖ **SIMULIA** *Simulation Process and Optimization*

SIMULIA

Mechanical Analyst - SMU

The following courses are recommended for *new* 3DEXPERIENCE Platform users. They should be taken prior to taking any other courses.



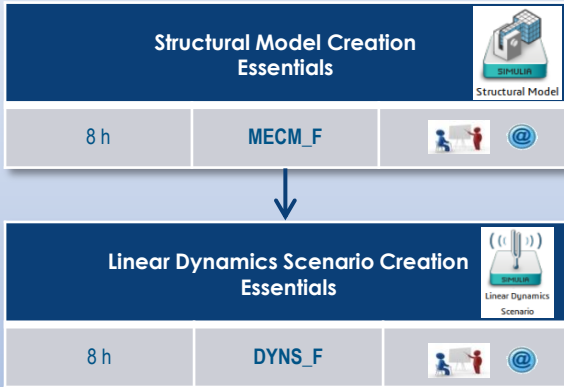
The following courses are also recommended. They can be taken in any order.



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Structural Vibration Analyst - SLD

The following courses are recommended for *new* 3DEXPERIENCE Platform users. They should be taken prior to taking any other courses.





The following courses are also recommended. They can be taken in any order.





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Noise & Vibration Analyst - SAS

The following courses are recommended for *new* 3DEXPERIENCE Platform users. They should be taken prior to taking any other courses.

Structural Model Creation Essentials		
8 h	MECM_F	

↓

Linear Dynamics Scenario Creation Essentials		
8 h	DYNS_F	

The following courses are also recommended. They can be taken in any order.

Structural Model Creation: Geometry and Meshing		
16 h	MECM2_F	

Process Composer Essentials		
8 h	PRCW_F	

Performance Study Essentials		
4 h	DISB_F	

3DPlay Simulation Experience Essentials		
2 h	SIM3DP_F	

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Fluid Mechanics Analyst - FLA

The following course is recommended for *new* 3DEXPERIENCE Platform users. It should be taken prior to taking any other courses.

Fluid Mechanics Analyst Essentials				
16 h	FLA_F			

The following courses are also recommended. They can be taken in any order.

Process Composer Essentials				
8 h	PRCW_F			
Performance Study Essentials				
4 h	DISB_F			
3DPlay Simulation Experience Essentials				
2 h	SIM3DP_F			



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Finite Element Modeling & Assembly Specialist - SFM

The following courses are recommended for *new* 3DEXPERIENCE Platform users. They should be taken prior to taking any other courses.

Structural Model Creation Essentials		
8 h	MECM_F	





Structural Model Creation: Geometry and Meshing		
16 h	MECM2_F	

The following courses are also recommended. They can be taken in any order.

Process Composer Essentials		
8 h	PRCW_F	





Performance Study Essentials		
4 h	DISB_F	

3DPlay Simulation Experience Essentials		
2 h	SIM3DP_F	

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Simulation Geometry Modeler - SML


The following course is recommended for *new* 3DEXPERIENCE Platform users.

Simulation Model Design Essentials	 Part Design Essentials	 Gen. Wireframe & Surface	 Assembly Design
	8 h	SML_F	

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Assembly Modeling Specialist - SMA

The following courses are recommended for *new* 3DEXPERIENCE Platform users. They should be taken prior to taking any other courses.

Structural Model Creation: Geometry and Meshing		 SIMULIA Structural Model
16 h	MECM2_F	

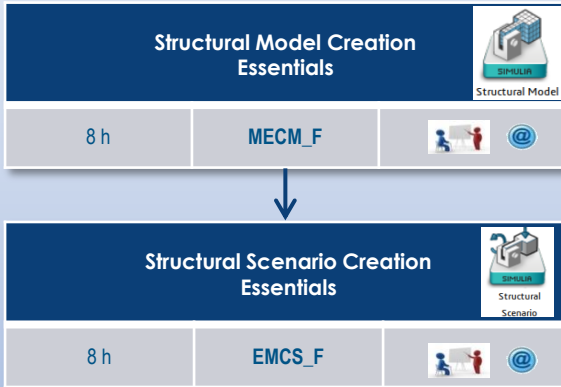


Model Assembly Design Essentials		 SIMULIA Model Assembly
4 h	MSAM_F	

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Structural Analysis Engineer - DRD

The following courses are recommended for *new* 3DEXPERIENCE Platform users. They should be taken prior to taking any other courses.



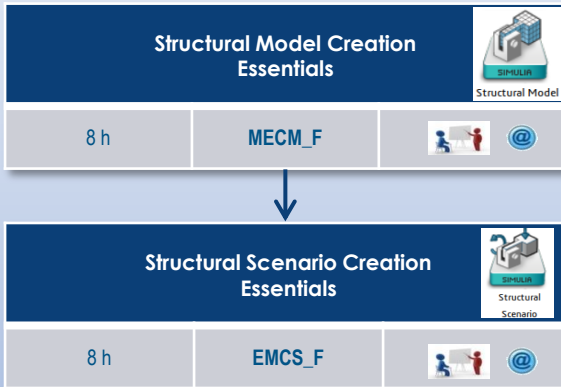
The following courses are also recommended. They can be taken in any order.



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Steel Ship Structural Analysis Engineer - SSD

The following courses are recommended for *new* 3DEXPERIENCE Platform users. They should be taken prior to taking any other courses.









The following courses are also recommended. They can be taken in any order.



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Stress Engineer - MDS

The following courses are recommended for *new* 3DEXPERIENCE Platform users. They should be taken prior to taking any other courses.

Structural Validation Essentials			
4 h	STRV_F	 	
↓			
Durability Validation Essentials			
4 h	DURV_F	 	


The following courses are also recommended. They can be taken in any order.

Performance Study Essentials			
4 h	DISB_F	 	
3DPlay Simulation Experience Essentials			
2 h	SIM3DP_F	 	

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Fluid Dynamics Engineer - FMV

The following course is recommended for *new* 3DEXPERIENCE Platform users. It should be taken prior to taking any other courses.

Fluid Mechanics Validation Essentials			 Fluid Validation
4 h	FLOV_F	 	

The following courses are also recommended. They can be taken in any order.

Performance Study Essentials			 Performance Study
4 h	DISB_F	 	
3DPlay Simulation Experience Essentials			 3DPlay
2 h	SIM3DP_F	 	

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Results Data Analyst - RIW

The following courses are recommended for *new* 3DEXPERIENCE Platform users.

Performance Study Essentials



Performance Study

4 h

DISB_F



Results Analytics Essentials



Results Analytics

8 h

REII_F



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Simulation Foundation - SEI






The following courses are recommended for *new* 3DEXPERIENCE Platform users.

Performance Study Essentials			 Performance Study
4 h	DISB_F		
3DPlay Simulation Experience Essentials			 3DPlay
2 h	SIM3DP_F		

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Simulation Process and Optimization - SPI

The following courses are recommended for *new* 3DEXPERIENCE Platform users.

Performance Study Essentials		 Performance Study
4 h	DISB_F	
Process Composer Essentials		 Process Composer
8 h	PRCW_F	
3DPlay Simulation Experience Essentials		 3DPlay
2 h	SIM3DP_F	