



3DEXPERIENCE®

SIMULIA Training

3DEXPERIENCE R2015x Learning Paths

December 2015

Delivery formats

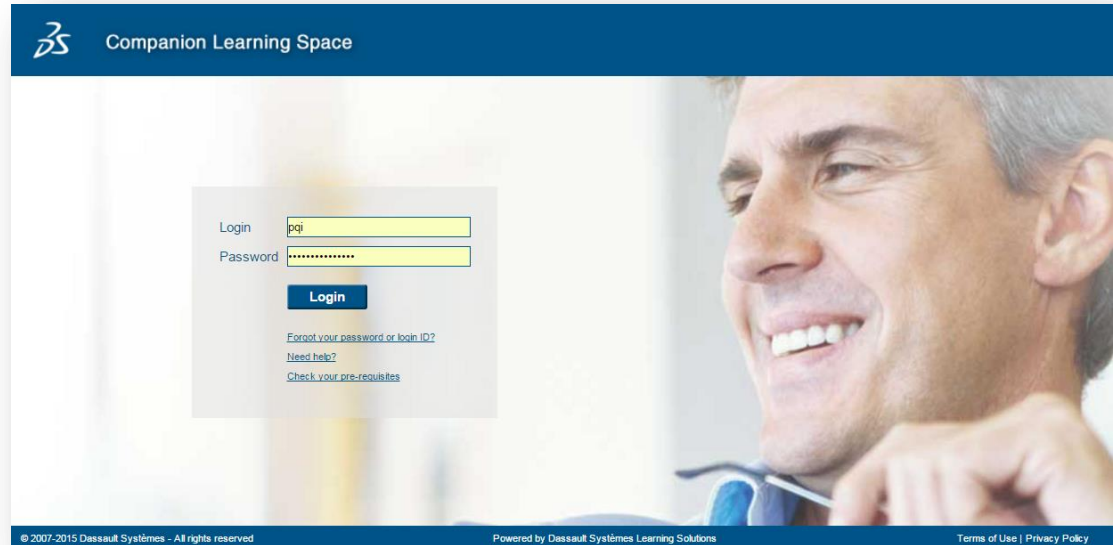


- **Instructor led:** the class is delivered by an instructor, either face-to-face or distant (virtual) via an internet connection and a screen sharing session.



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

Companion Learning Space



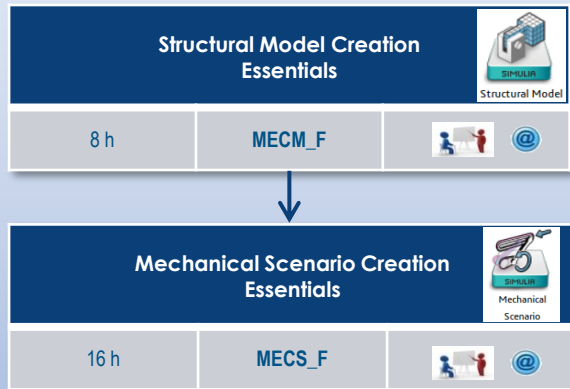
Learning path by role

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

SIMULIA

Companion for Mechanical Analyst

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



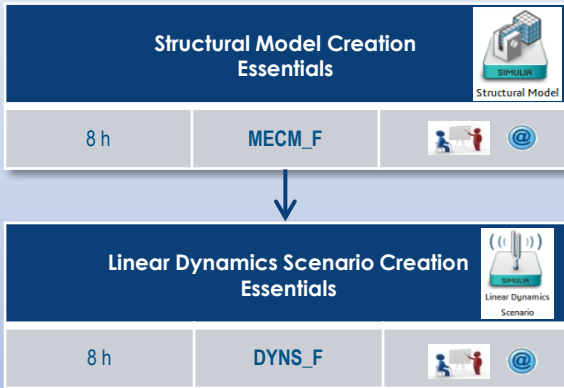
The following courses are also recommended. They can be taken in any order.



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Companion for Structural Vibration Analyst

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.



SIMULIA

Companion for Noise & Vibration Analyst

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	

SIMULIA

Companion for Fluid Mechanics Analyst

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

Fluid Mechanics Analyst Essentials			 Fluid Model	 Fluid Scenario
16 h	FLA_F			

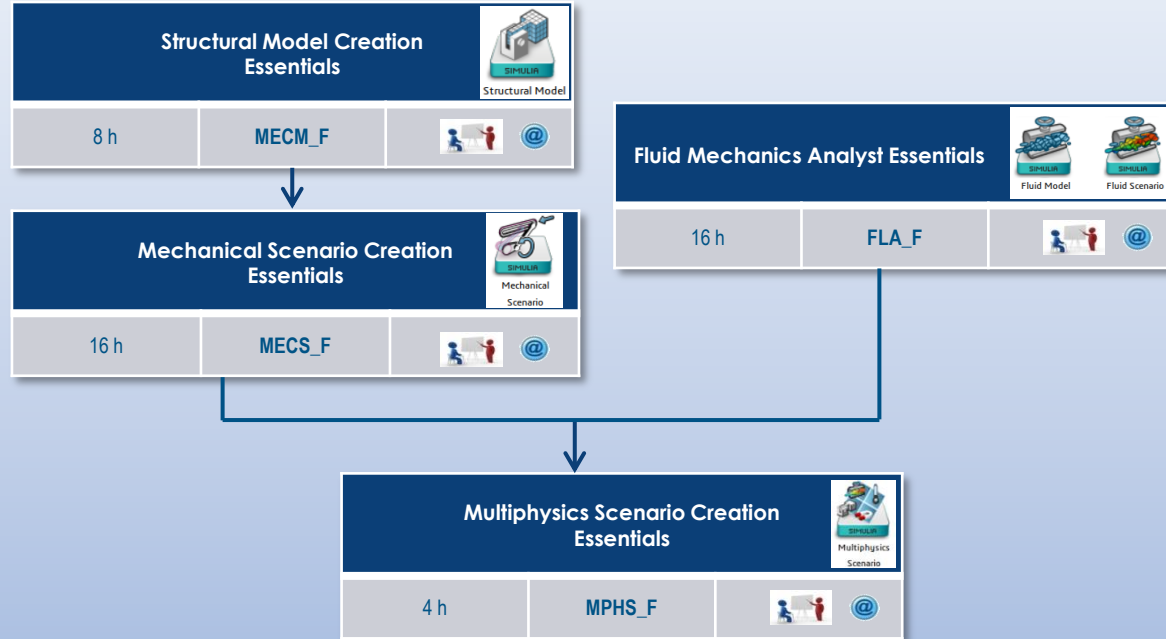
The following courses are also recommended. They can be taken in any order.

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

SIMULIA

Companion for Multiphysics Simulation Researcher (1/2)

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



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Companion for Multiphysics Simulation Researcher (2/2)

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		



SIMULIA

Companion for Finite Element Modeling & Assembly Specialist

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	

SIMULIA

Companion for Simulation Geometry Modeler


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

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

SIMULIA

Companion for Assembly Modeling Specialist

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		
16 h	MECM2_F	

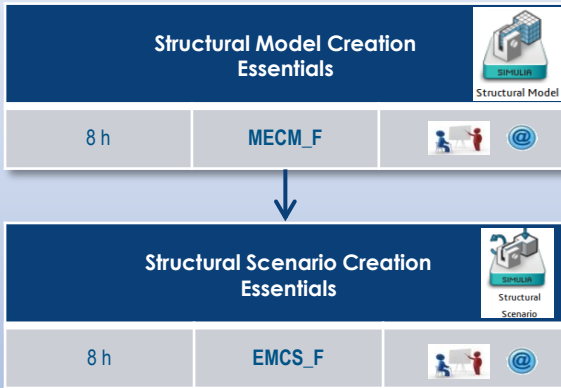


Model Assembly Design Essentials		
4 h	MSAM_F	

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Companion for Structural Analysis Engineer

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



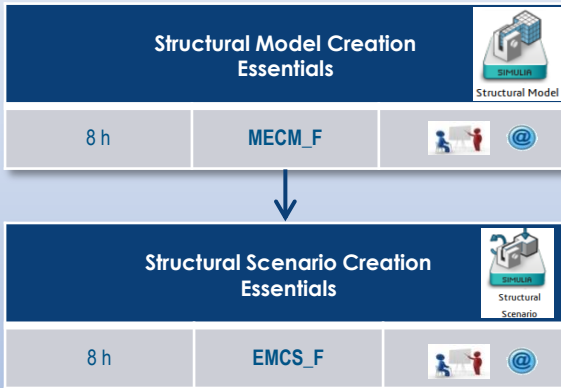
The following courses are also recommended. They can be taken in any order.



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Companion for Steel Ship Structural Analysis Engineer

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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Companion for Stress Engineer

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	  	

SIMULIA

Companion for Fluid Dynamics Engineer

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	 	

SIMULIA

Companion for Simulation Process Method Developer

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

Process Composer Essentials			
8 h	PRCW_F	 	
Performance Study Essentials			
4 h	DISB_F	 	
Results Analytics Essentials			
8 h	REII_F	 	

SIMULIA

Companion for Results Data Analyst

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



SIMULIA

Companion for Simulation Foundation






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		

SIMULIA

Companion for Simulation Process and Optimization

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	