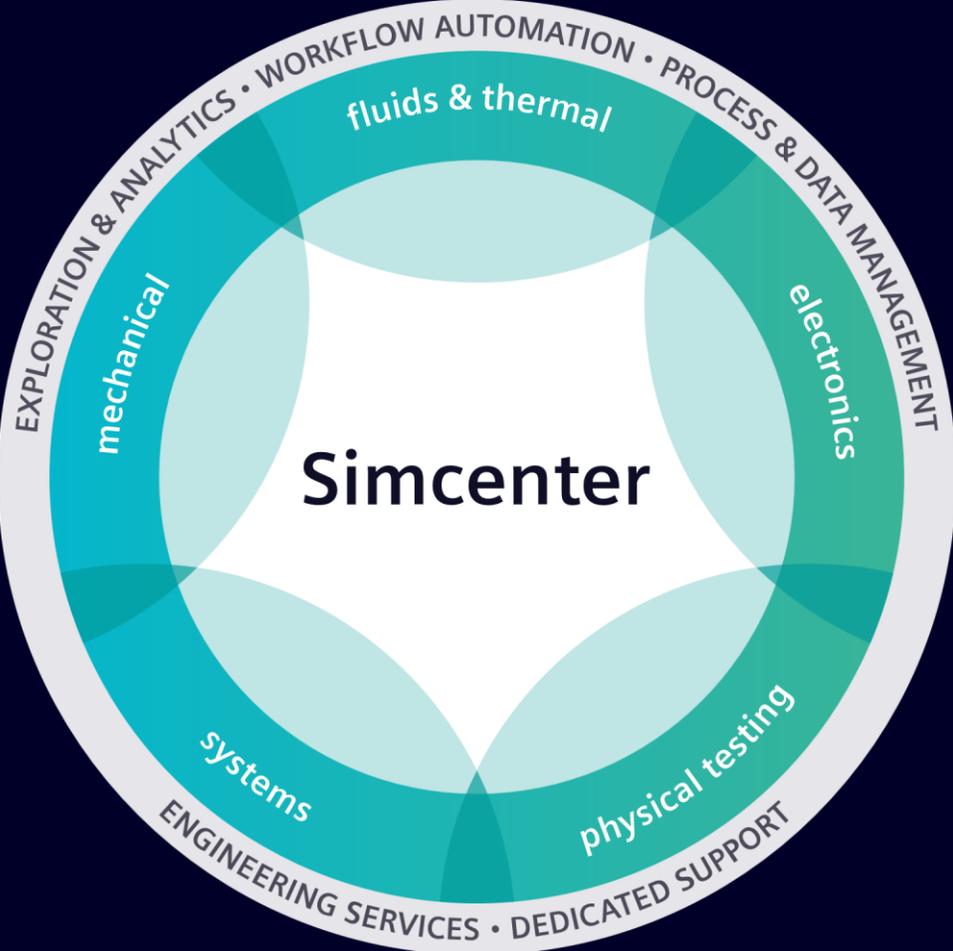


Xcelerator Academy Learning Maps

Your learning: At a Glance



Use our interactive learning maps as a guide to navigate through your content based upon your role then click on the icons throughout to learn more about your delivery options.



Select a role below



LEARN Simcenter STAR-CCM+ FUNDAMENTALS

End user

Teaches the basic skills for a CFD simulation in Simcenter STAR-CCM+.

LEARN PROCESS AUTOMATION

End user

Teaches different techniques to automate processes in Simcenter STAR-CCM+: Templates, tags and filters, design manager or macro scripting.

GET CERTIFIED

Simcenter STAR-CCM+ Associate CFD Analyst Certification

Choose your learning and take your exam to complete the Associate **certification**.

LEARN THE ESSENTIALS

End user

- Fundamentals in Simcenter STAR-CCM+
- Data analysis in Simcenter STAR-CCM+
- Efficient workflows in Simcenter STAR-CCM+
- Heat transfer

Complete a CFD simulation in Simcenter STAR-CCM+!

LEARN TO AUTOMATE PROCESSES

End user

- Process automation using Java scripting
- Design Space Exploration
- Efficient workflows in Simcenter STAR-CCM+

Automate processes in Simcenter STAR-CCM+!

Siemens Xcelerator Academy Certified

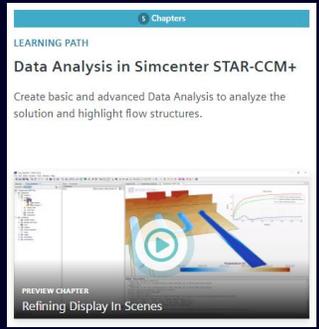
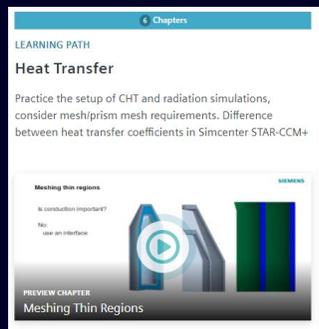
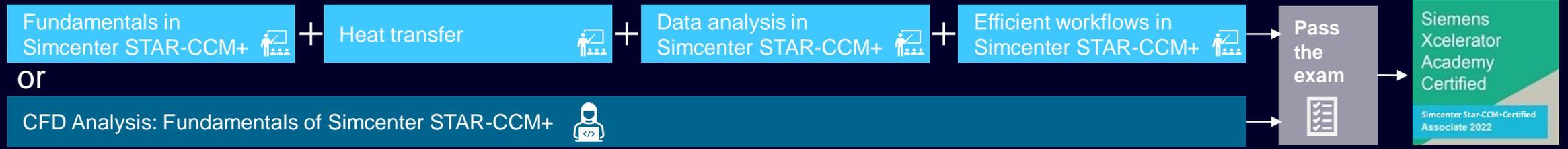
Simcenter Star-CCM+ Certified Associate 2022

[Click for detailed certification course list](#)

Instructor-led training	On-demand training library	Xcelerator Academy Membership	Learning Journey	Standalone Certification Exam
**Virtual lab environment included in offer		Add-on vLab hours available for purchase	**Virtual lab environment included in offer	



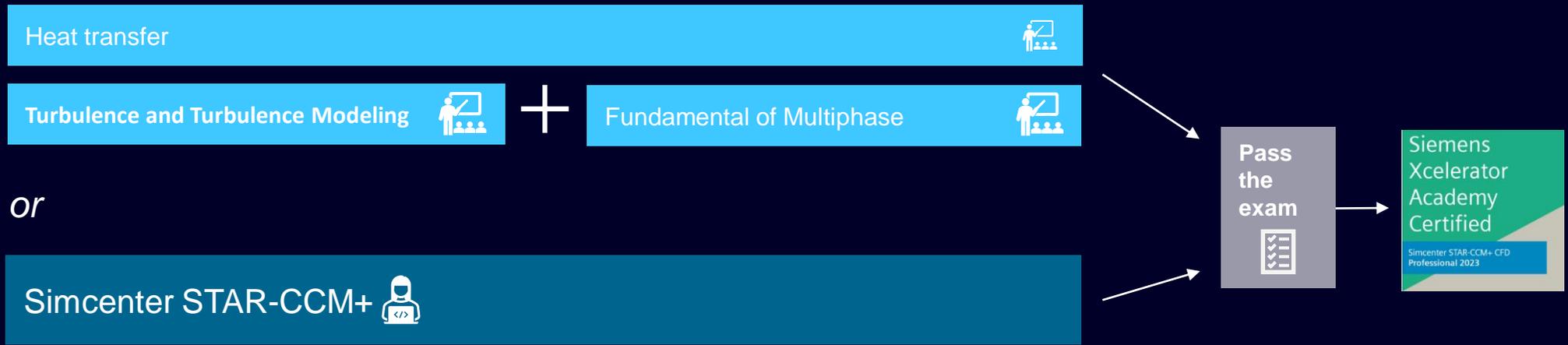
Complete Course List: Simcenter STAR-CCM+ Associate CFD Certification



Complete Course List: Simcenter STAR-CCM+ Professional Certification



Pass the mandatory prerequisite STAR-CCM+ CFD Associate exam



Heat transfer simulation in Simcenter STAR-CCM+ - 2206

07 CHAPTERS estimated 6.9 hours

Setup and analysis of heat transfer simulations including meshing, models, and post processing.

Simcenter STAR-CCM+ 2206 English

Turbulence and turbulence modeling - 2302

12 CHAPTERS estimated 8.9 hours

Turbulence is mainly modeled in CFD simulations. This course describes the background of many models and a bit about their history. Contains no labs.

Simcenter STAR-CCM+ 2302 English

Fundamentals of multiphase modeling

05 CHAPTERS estimated 4.2 hours

Multiphase can be modeled in various ways. Here you will learn which models are implemented in Simcenter STAR-CCM+ and gain insight in their background.

Simcenter STAR-CCM+ 2210 English