

Cadence Training Services learning maps provide a comprehensive visual overview of the learning opportunities for Cadence customers. They provide recommended course flows as wel as tool experience and knowledge levels to guide students through a complete learning plan. Learning Maps cover all Cadence® technologies and reference courses available worldwide. For course names, descriptions, and schedules, please select the Browse Catalog button at https://www.cadence.com/training.

Contents

- PCB Design and Analysis
- Custom IC, Analog, and RF Design
- Digital Design and Signoff

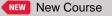
- System Design and Analysis
- IC Package Design and Analysis
- Tensilica® Processor IP

Computational Fluid Dynamics

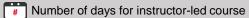
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PCB Design and Analysis Learning Map







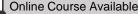


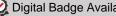




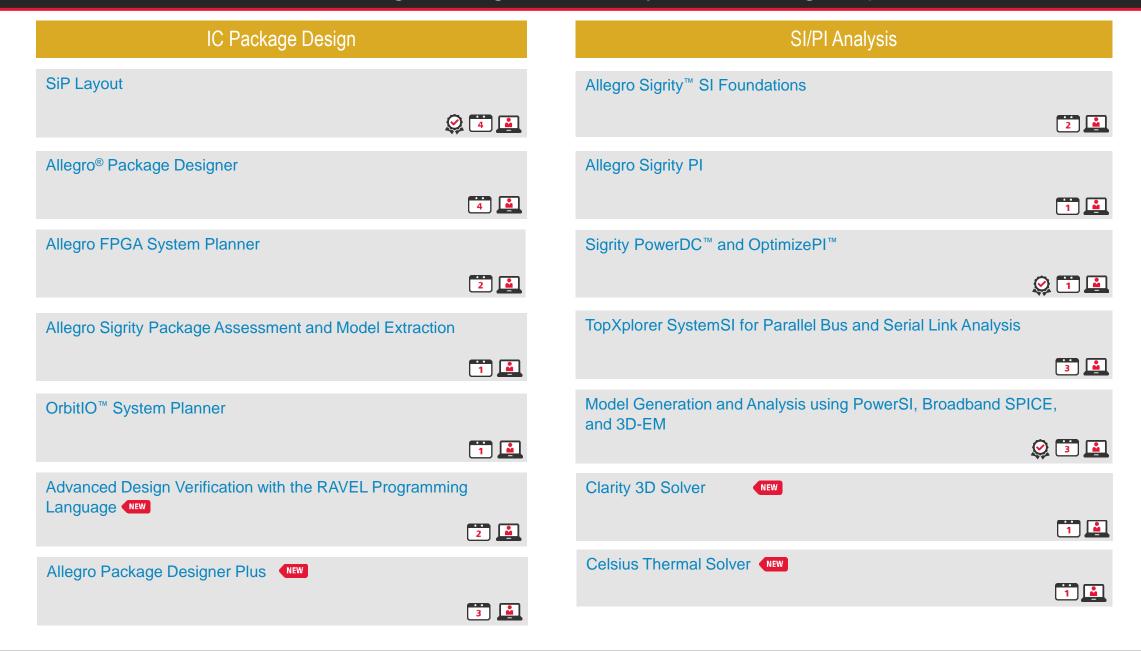








IC Package Design and Analysis Learning Map



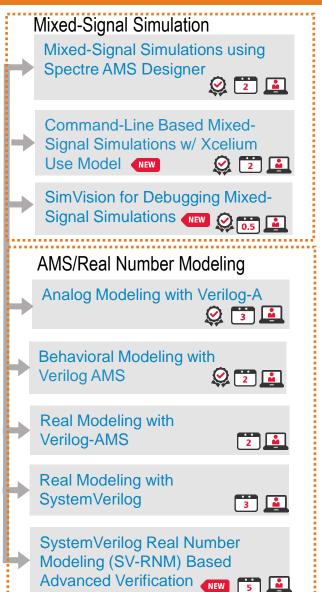
Advanced

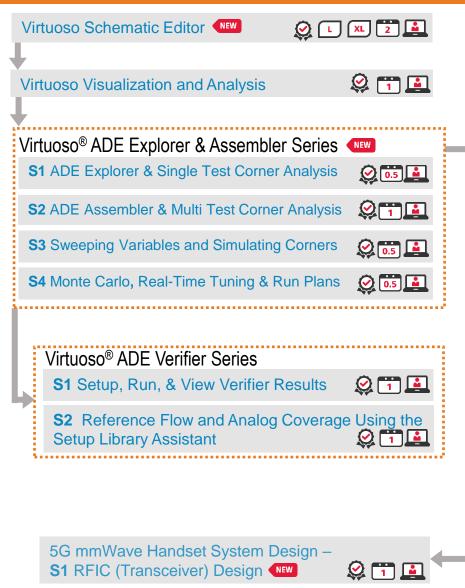
Beginner

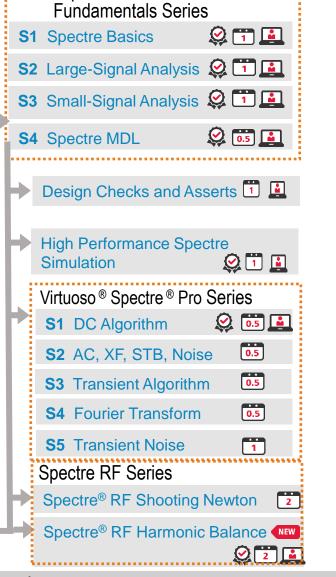
Advanced

Custom IC, Analog and RF Design Learning Map

Circuit Modeling, Analog/Mixed-Signal/RF Circuit Design and Simulation







Spectre ® Simulator



Wumber of days for instructor-led course

XL GXL Tiers of Cadence products used in course





IC CAD Layout Design and Advanced Nodes

L XL GXL EXL 2

Virtuoso® Layout Design Basics SKILL® Language

GXL 1

Virtuoso Connectivity-Driven **Layout Transition**

SKILL Development Virtuoso Abstract Generator of Parameterized Cells NEW GXL 1

Virtuoso Floorplanner **Advanced SKILL**

Language Programming NEW 3

Programming

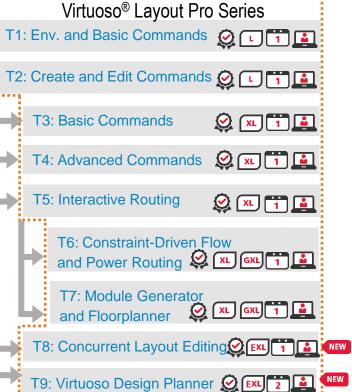
Introduction (2) [2]

SKILL Language

⊘ 5 4

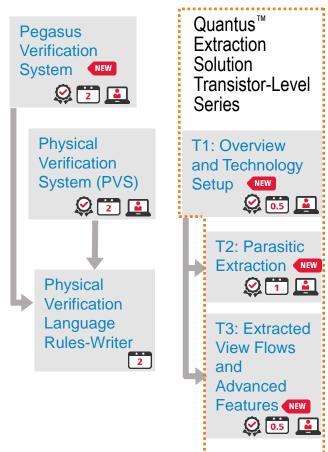
2 2

Programming



Custom IC, Analog and RF Design Learning Map

Layout Verification



Virtuoso® Advanced-Node – ICADVM

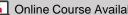
Virtuoso Layout for Advanced 2 Nodes

T1: Place and Route (2) 17 Land NEW

T2: Electromigration (2) (0.5)

Virtuoso Layout for Advanced **Nodes and Methodology**

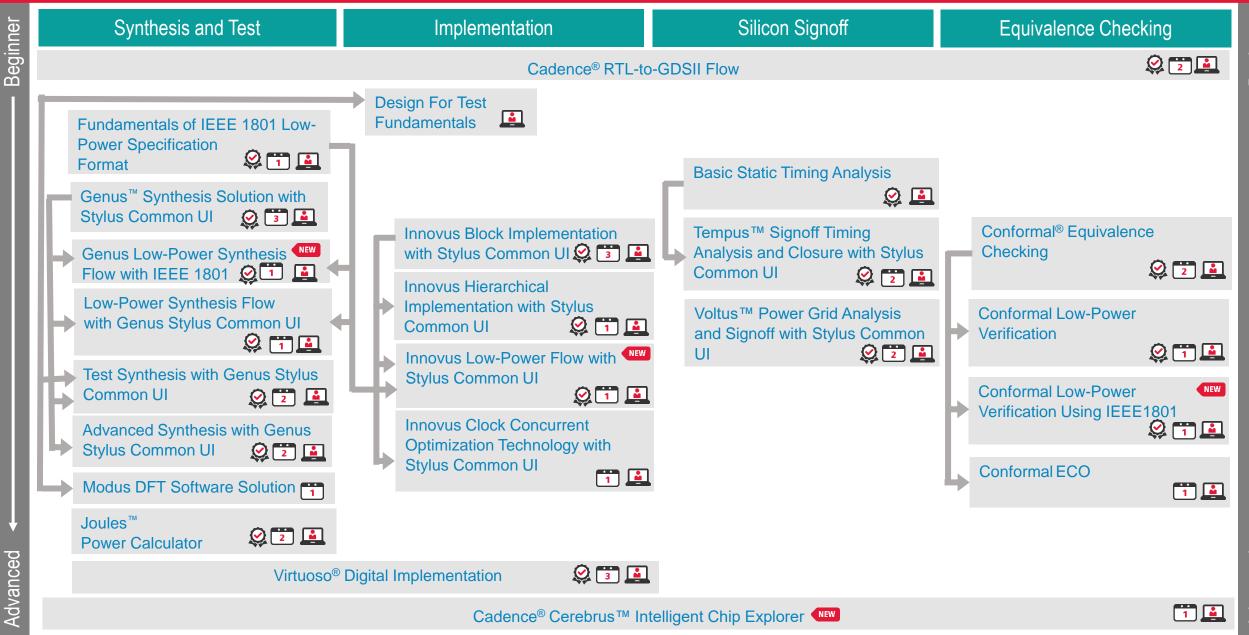
€ EXL 0.5 **♣**



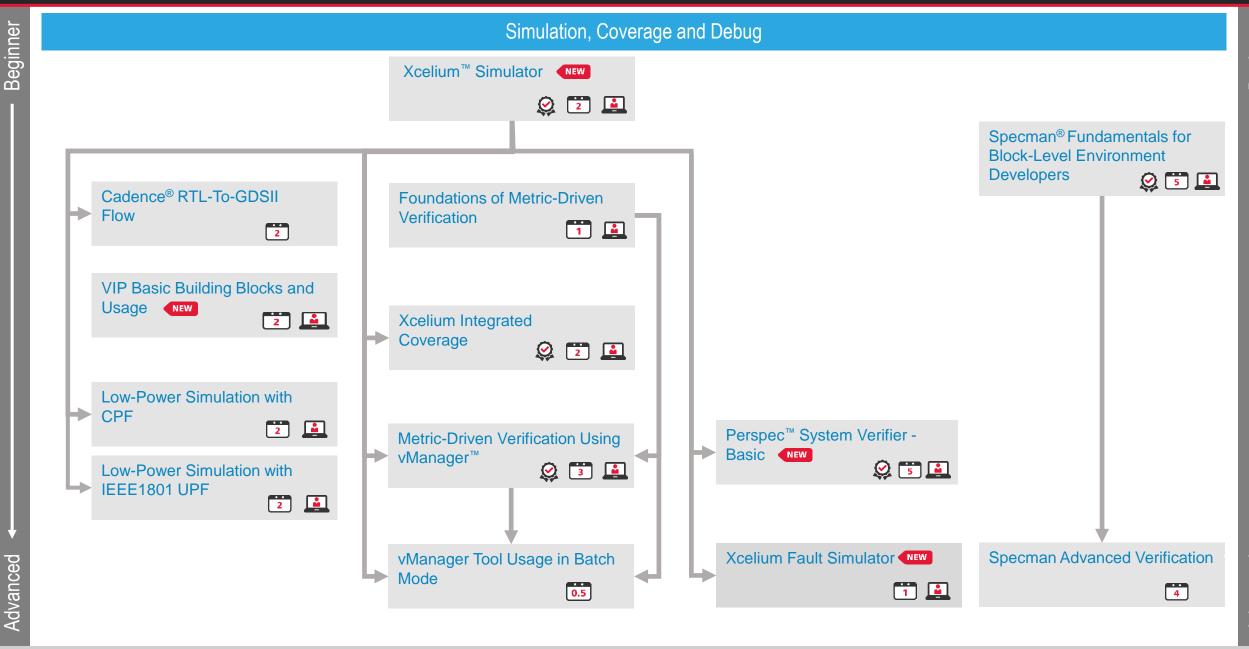
Advanced

Platform

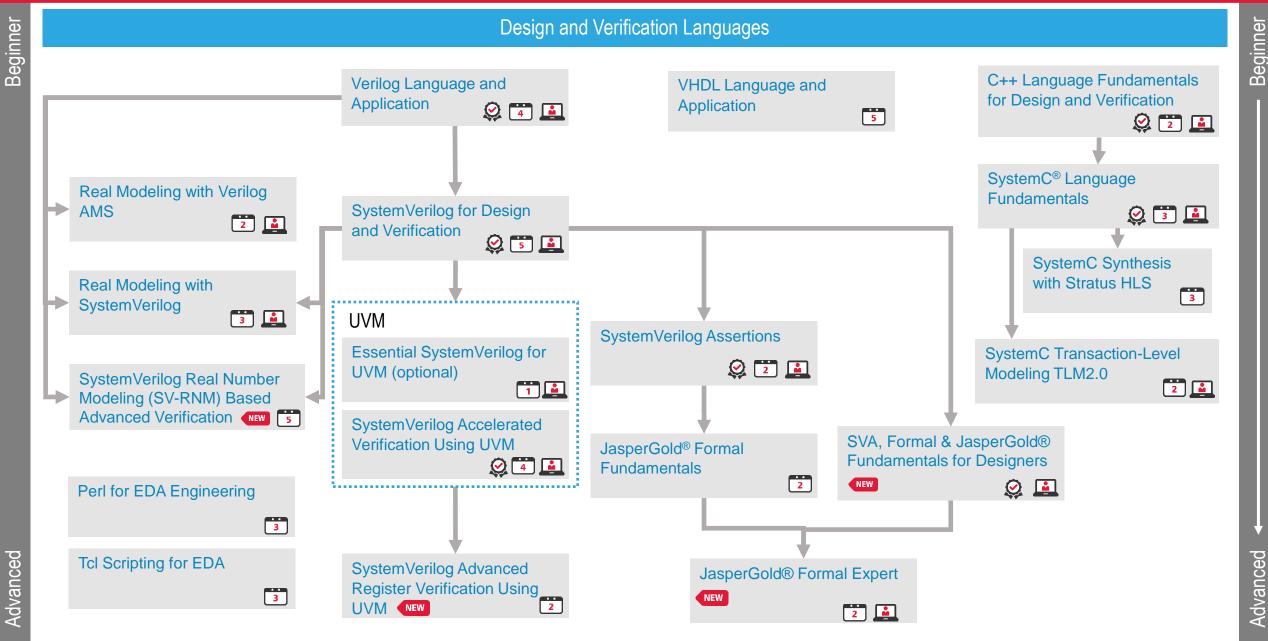
Digital Design and Signoff Learning Map

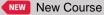


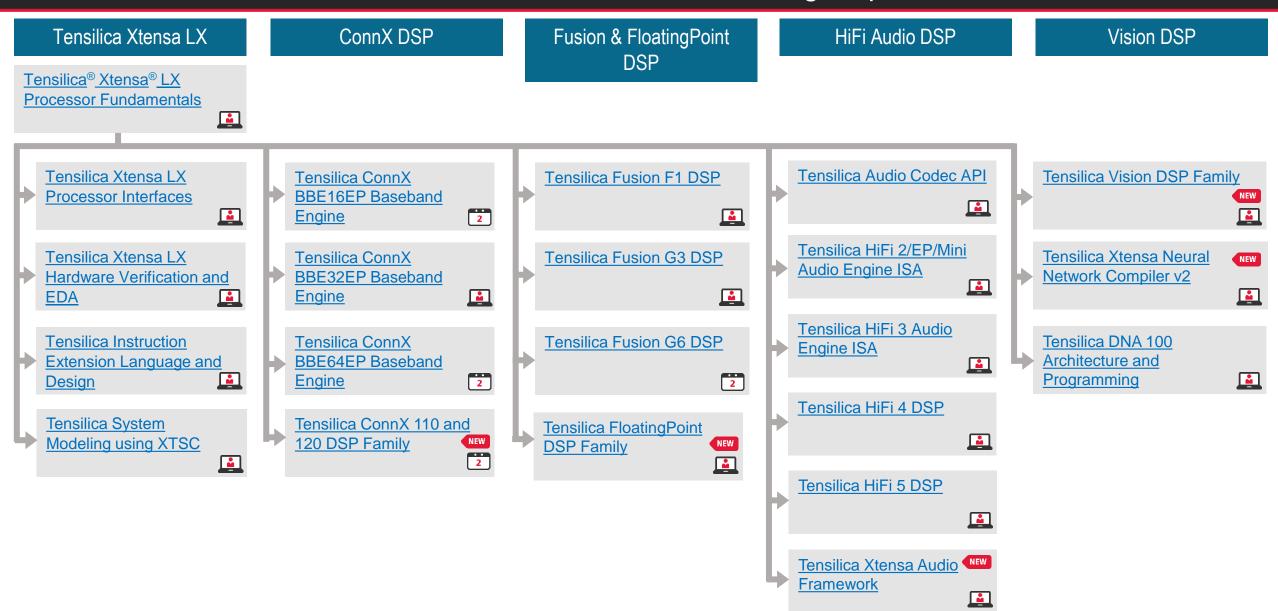
System Design and Verification Learning Map

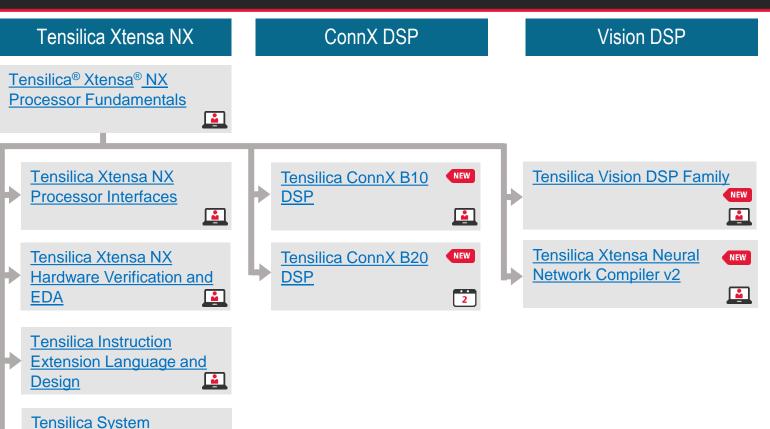


System Design and Verification Learning Map



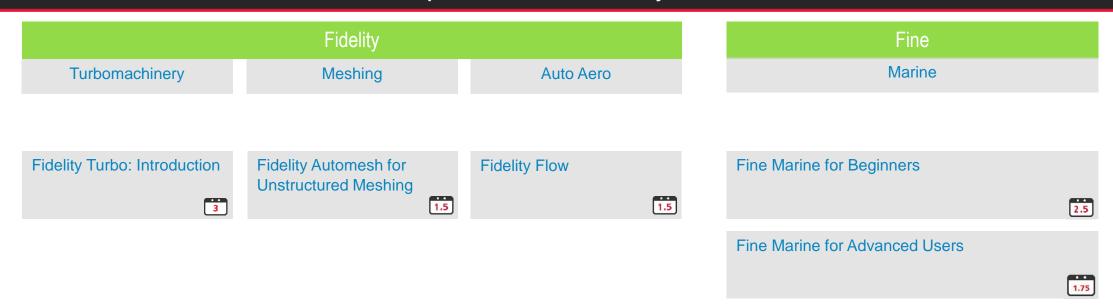






Modeling using XTSC

Computational Fluid Dynamics



Advanced

Beginner



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