



Siemens Mechatronic Systems Certification Program (SAPW): Systems Approach Paradigm Week (US-SMSCP_SAPW)

Type

Instructor-led Learning

Duration and Continuing Education Units (CEU)

5 Days

3.3 CEUs

Target Group

- Other

Short Description

This instructor certification course introduces the Systems Approach teaching methodology used within the Siemens Mechatronic Systems Certification Program. It prepares educators to apply systems-based instructional strategies, curriculum structuring methods, and knowledge-transfer principles that form the foundation for aligning SMSCP and institutional programs.

Objectives

- Explain core principles of the Systems Approach pedagogy
- Apply systems-based methods to instructional design and delivery
- Develop curriculum structures that support system-level understanding
- Use technical systems and subsystems as instructional examples

Content

- Systems Approach instructional framework and pedagogy
- Overview of Siemens Mechatronic Systems Certification Program structure and resources
- System modeling concepts for instructional use
- Introduction to Level 1 technical content as teaching constructs
- Systems-based troubleshooting methodologies as instructional tools
- Curriculum alignment considerations for technical programs
- Introduction to Siemens digital content platforms

Note

This course represents the first half of the 10-day SMSCP Level 1 instructor certification pathway and focuses on instructional methodology rather than technical skill instruction.

Language

English
