

CAPITAL HARNESS XC

DESCRIPTION

The Capital Harness XC course introduces users to the basic and more complex functionality within the Capital Harness XC product. This tool provides a seamless transition of data from Capital Logic or Capital Integrator into Capital Harness XC and demonstrates how to pull mechanical data from third-party MCAD tools into Capital Harness XC. The course also demonstrates how to create and maintain individual design objects (e.g., wires, multicores, clips, connectors, etc.) within the harness diagrams.

AGENDA

- Build harness designs from scratch using Capital Harness XC
- Import mechanical data & bundle configurations from 3rd-party MCAD tools into Capital Harness XC
- Synchronize electrical data from Capital Logic and/or bundle layout info from Capital Topology
- Define graphical representation of harness designs
- Manipulate bundles by adding arcs and rotating pieces of a harness layout
- Add component part numbers and learn how to use Cavity Component Management to automatically select parts for seals/plugs/terminals
- Add insulation (tape, tubes, etc.) to your harness
- Present a fully-dimensioned harness diagram ready for manufacturing
- Build a composite harness and automatically generate derivative harnesses from it
- Run design rule checks (DRCs) against a harness to point out potential problems before being sent to manufacturing
- Style the design objects on your diagrams using a style set
- Process designs and run calculations
- Generate reports
- Print and archive harness designs
- Use Capital Insight to gain metrics knowledge about your harness & improve its design

Subject to change

PREREQUISITES

Familiarity with concepts of harness and cable design.

DURATION

3 days

LANGUAGE

English or German

COSTS

Upon request

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AND THE COURSES?**

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