



*Hands on, Measurable
Training Programs*

Electrical Harness Flattening

Course Code	CAT-en-EHF-F-V5
Brand & Release	CATIA V5R25 (V5-6R2015)
Duration	1 day
Level	Fundamental
Prerequisites	Knowledge of Catalog Editor, CATIA V5 Electrical Harness Installation and Assembly and Electrical Wire Routing

Objectives:

This course introduces you to the Electrical Harness Flattening workbench. You will learn how to flatten and synchronize an electrical / geometrical harness integrated within the Digital Mock-Up. You will also learn how to modify the bundle segments of a harness. Additionally, the course teaches you how to define and generate a report. It teaches you how to create a 2D drawing of a 3D harness. You will also learn how to create a Catalog Text Template for annotations and dimensions.

Class Structure:

Upon completion of this course you will be able to:

- Flatten and synchronize the electrical or the geometrical harnesses
- Modify the bundle segments of a harness to fit your drawing
- Define and generate reports
- Create 2D drawings of 3D harnesses
- Create Text Template Catalog

Class Exercises:

- 1: Text Template Catalog Creation
- 2: Harness Flattening & Documentation (I)
- 3: Harness Flattening & Documentation (II)
- 4: Harness Flattening & Documentation (III)
- 5: Harness Flattening & Documentation (IV)
- 6: Harness Flattening & Documentation (V)