

Hypermesh Syllabus

Total duration: 40 hours (Theory 20 Hours + Lab 20 Hours)

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Session	Topics
Session 1	Introduction to FEM
	Brief on Meshing
	Basic interaction with Hypermesh
	User interface, Opening/saving files
	Working with panels
	Model organization
	Display control
	Preparing geometry for meshing
	Creating and Editing Line Data
	Creating and Editing Solid Geometry
	Importing and Repairing CAD
Session 2	Midsurfaces
	Simplifying Geometry
	Refining topology
	Geometry and Mesh Editing using Quick Edit Panel
Session 3	Shell meshing
	Automeshing – meshing on surface geometry
	Meshing without surfaces
	2D Mesh in curved
Session 4	2D Mesh in curved
	2D Mesh in curved
	2D Mesh in curved
	2D Mesh in curved
Session 5	2D Mesh in curved
	2D Mesh in curved
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	2D Mesh in curved
Session 6	2D Mesh in curved
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Session 7	2D Mesh in curved
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Session 8	2D Mesh in curved
	2D Mesh in curved
	2D Mesh in curved
Session 9	2D Mesh in curved
	2D Mesh in curved
Session 10	2D Mesh in curved
	2D Mesh in curved