


ANSYS CFX (PRE-PROCESSING)

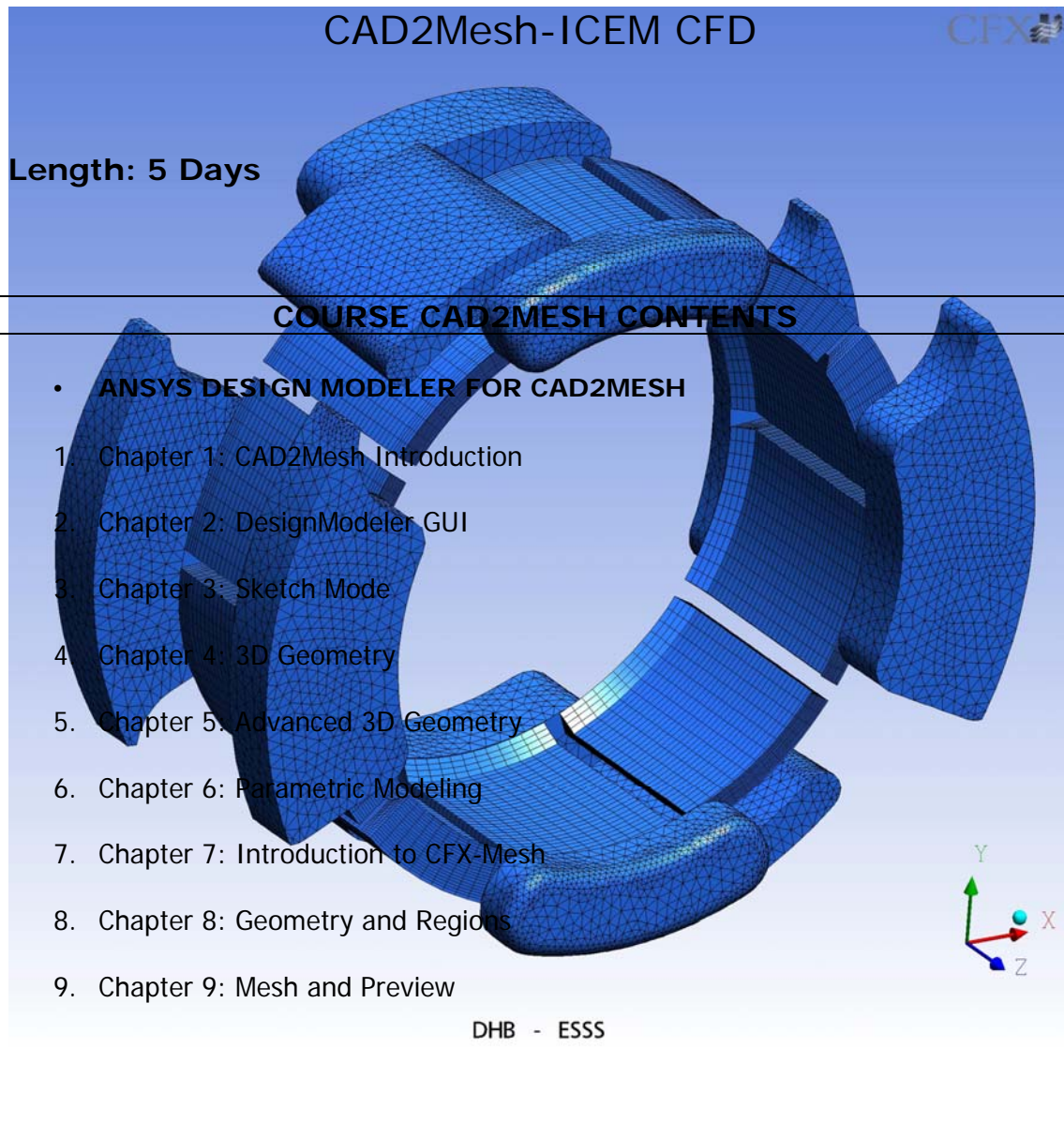
CAD2Mesh-ICEM CFD 

Length: 5 Days

COURSE CAD2MESH CONTENTS

- **ANSYS DESIGN MODELER FOR CAD2MESH**
 1. Chapter 1: CAD2Mesh Introduction
 2. Chapter 2: DesignModeler GUI
 3. Chapter 3: Sketch Mode
 4. Chapter 4: 3D Geometry
 5. Chapter 5: Advanced 3D Geometry
 6. Chapter 6: Parametric Modeling
 7. Chapter 7: Introduction to CFX-Mesh
 8. Chapter 8: Geometry and Regions
 9. Chapter 9: Mesh and Preview

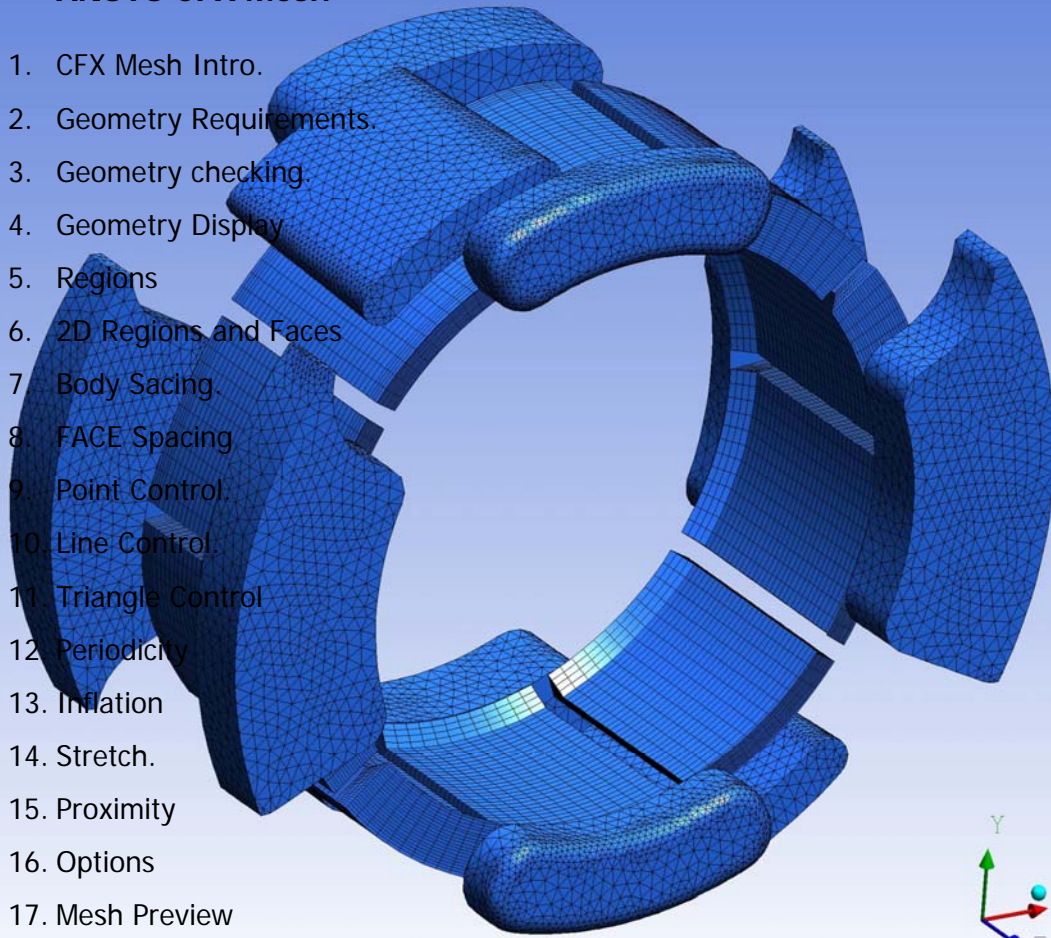
DHB - ESSS



COURSE CAD2MESH CONTENTS

- **ANSYS CFX Mesh**

1. CFX Mesh Intro.
2. Geometry Requirements.
3. Geometry checking.
4. Geometry Display
5. Regions
6. 2D Regions and Faces
7. Body Sacing.
8. FACE Spacing
9. Point Control.
10. Line Control.
11. Triangle Control
12. Periodicity
13. Inflation
14. Stretch.
15. Proximity
16. Options
17. Mesh Preview
18. Generate Surface Mesh
19. Mesh Statistics
20. Generate Volume Mesh.
21. WorkShop.



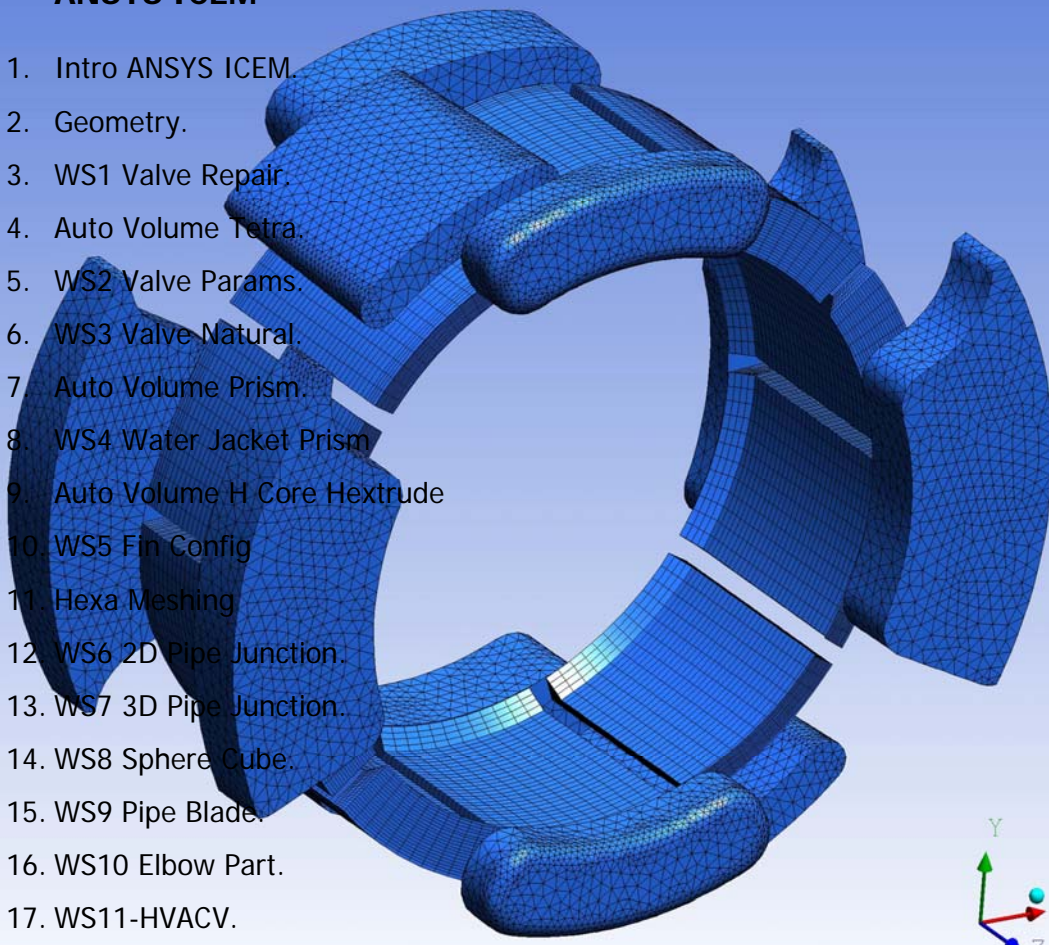
DHB - ESSS



COURSE CAD2MESH CONTENTS

- **ANSYS ICEM**

1. Intro ANSYS ICEM.
2. Geometry.
3. WS1 Valve Repair.
4. Auto Volume Tetra.
5. WS2 Valve Params.
6. WS3 Valve Natural.
7. Auto Volume Prism.
8. WS4 Water Jacket Prism
9. Auto Volume H Core Hextrude
10. WS5 Fin Config
11. Hexa Meshing
12. WS6 2D Pipe Junction.
13. WS7 3D Pipe Junction.
14. WS8 Sphere Cube.
15. WS9 Pipe Blade.
16. WS10 Elbow Part.
17. WS11-HVACV.
18. EditMesh.
19. WS12 WingBody.



DHB - ESSS