# ESP/CAPS Training

## Aircraft Design through Analysis

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# Sessions

- 1.2 Overview
- 1.3 ESP Overview & Getting Started
- 1.4 CSM Language (1)
- 1.5 Solids Fundamentals (1)
- 2.1 Solids Fundamentals (2)
- 2.2 Attribution
- 2.3 CSM Language (2)
- 2.4 Sketcher Fundamentals
- 3.1 Python Tutorial
- 3.2 Putting It All Together
- 3.3 CAPS Overview
- 3.4 CAPS Geometry

- 3.5 CAPS Analysis
- 4.1 Aero Modeling: AVL and masstran
- 4.2 Meshing for CFD I: AFLR
- 4.3 Meshing for CFD II: Pointwise
- 4.4 CFD Analysis: Fun2d/SU2
- 5.1 Meshing for Structures: EGADS
- 5.2 Structures Analysis: ASTROS/NASTRAN
- 5.3 Data Transfer