

# ME 7070: Aero Vehicle Struc Analy & Des

Aerospace vehicle configurations, free body diagrams and load paths, metal and composite materials, closed form analysis methods for statically indeterminate (redundant) structures, compression structures analysis methods, shear panel analysis methods, joints and fittings, design for fatigue and damage tolerance.

**Credits:** 3.0

**Prerequisites:**

ME 7000

**Program:** [Mechanical Engineering](#)