ME599B Midterm Exam
Study Topics

Beams
- Nonsymmetrical beam bending
- Torsion of irregular hollow sections

Plate Buckling
- Critical buckling stress
- Plate edge conditions
- Means of inhibiting plate buckling
- Effective width

Body Bending Requirements
- moment diagram
- use of simplified load case for bending tests

Body Bending Internal loads in shear panel / truss model

Use of strain energy to guide design changes

Body Torsion Requirements

Body Torsion Internal loads in shear panel / truss model