

# ME 403 L : Finite Element Modelling for Dynamic and Structural Analysis

Laboratory experiments dealing with the working principles of the non-linear finite element method (FEM) and apply the concepts involved using commercially available software packages used in industry, the application, analysis and limitations of design evaluation using FEM approach. The course will equip students to model real engineering problems and correlate the working principles of mechanics and dynamics using numerical methods.

**Credits** 1

**Lab Hours** 2

**Lecture Hours** 0

**Tutoring Hours** 0

**Prerequisite Courses**

ME 312

ME 311

**Co-Requisite Courses**

ME 403