

# ME 419 : Product Design and Development

This course will introduce students to thought frameworks, tools and methods for product design and development. The course will teach students a set of product development procedures that can be practiced in multidisciplinary teams. Topics include opportunity identification, product planning, identifying customer needs and specification, concept generation, selection and testing as well as designing of environment and manufacturing. The course will include projects-based assignments.

**Credits** 3

**Lab Hours** 0

**Lecture Hours** 3

**Tutoring Hours** 0

**Prerequisite Courses**

ME 308

**Corequisites**

none