THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

Introduction to Engineering Technology

ENGRTEC 1200

Credit Hours:
1.00

Course Levels:
Undergraduate (1000-5000 level)

Course Components:
Lecture

Course Description:
Introduction to the roles available in engineering technology, professional development planning for students pursuing this degree, and exposure to common elements in engineering technology. Course work will emphasize written and verbal communication skills.

Prerequisites and Co-requisites:
Prereq: Enrollment in the BSET program.

Course Goals / Objectives:
- Ability to define the skills needed in the engineering technology profession
- Correctly use common industry terminology to describe engineering technology problems
- Create short business-like effective written correspondence
- Convey a technical topic to a non-technical person
- Plan steps that will lead students down an effective career path with goals mapped to be achieved
- Function effectively on a team
- Demonstrate an early understanding of manufacturing terminology and process improvement methods

Course Topics:
- Introduction to Engineering Technology
- Tools of the Trade –Learn nomenclature of common items in engineering technology field
- Professional practice –Learn important traits from industry mentors
- Professional Portfolio Framework Development
- Explore professional organizations and practice journals in the field
- Presentations

Designation:
Required