

INED 4490: Special Topics in Inclusive Education

1-6 Credit Hours

Prerequisite: Permission of the instructor and department chair.

Selected special topics of interest to faculty and students.

IET 1001L: Industrial Engineering Technology Lab

1 Credit Hours

Prerequisite: ENGR 1000

This is an introductory course for Industrial Engineering Technology majors. The course covers the curriculum and how industrial engineering technology (IET) is used in industry applications. Also covered are research, writing, and presentation skills, Microsoft Excel, and Microsoft PowerPoint.

IET 2000: Introduction to Industrial Engineering Design

3 Credit Hours

Concurrent: IET 1001L

Introduce students to Industrial Engineering design concepts important for ensuring product, process, and service performance and safety. Topics include design for usability, safety, reliability, manufacturability, quality, and other current topics in design.

IET 2227: Probability and Statistics I

3 Credit Hours

Prerequisite: MATH 1113

This course covers descriptive statistics, probability, sampling distributions and the central limit theorem, continuous and discrete distributions used in engineering, and inferences about single samples, including point and interval estimates for means, proportions and variances. Industrial applications rather than theoretical developments are emphasized. Computer based solution techniques are used when appropriate. This is the first of a two-course sequence.

IET 2432: Introduction to Managerial Costing

3 Credit Hours

Introduces the basics of managerial costing and concepts of tracking variable costs in business production such as administrative costs, labor costs, and cost of goods sold. Includes basic managerial cycle concepts of fixed and variable cost collection, calculations, and decision-making analysis. Topics include: costing vocabulary, concepts, managerial cycle, cash control, inventory, and labor costing.