

Textbook: English for the student of Industrial Engineering Book 1, 2, and 3.

Course outline

The following 20 units will be discussed in the class. Mid-term and final exam are based on the discussed units.

Unit 01: What is Industrial Engineering?

Unit 02: History and Development of Industrial Engineering

Unit 03: Inventory Control

Unit 04: Work Measurement and Motion Study

Unit 05: Production Planning and Control

Unit 06: Quality Control

Unit 07: Maintenance

Unit 08: Reliability

Unit 09: Flexible Manufacturing System

Unit 10: Productivity

Unit 11: Queuing Theory

Unit 12: Plant Layout

Unit 13: Optimization

Unit 14: Manufacturing Engineering

Unit 15: Handling and Mechanization

Unit 16: Numerical Control Systems

Unit 17: Human Factor Engineering

Unit 18: Fundamentals of Information Systems

Unit 19: Economy in Industrial Engineering

Unit 20: Group Technology