MFGE-707: Field Project Formulation
Course Outline

Catalog Description:
Critical reviews of manufacturing engineering field problems and analyses. Discuss, identify, and write a
detailed, statistical, and realistic data collection method in preparation for the field problem.

A. Objectives. Successful completion of the course will enable the students to:
   1. Analyze the rigor of previous field problem reports in manufacturing engineering.
   2. Critically review previous field problem reports in manufacturing engineering.
   3. Evaluate and specify data collection methods in manufacturing processes.
   4. Formulate possible data collection methods that are statistically sound.
   5. Create a thorough field problem description including statistical data collection methods.