

# MFET 231C : Production Systems

A study of the organization of the production system as well as the techniques used to control its operation. Topics covered include forecasting, production planning, plant layout, inventory control, work measurement, job sequencing, and operation scheduling. An introduction to lean manufacturing concepts is also provided.

**Credits** 3

**Lab/Practicum/Clinical Hours** 0

**Lecture Hours** 3

**Prerequisite Courses**

MFET 111C

**Learning Outcomes**

- Understand operations management tools ,maintenance and reliability, JIT and lean operations, location and layout global challenges strategy, project management techniques, forecasting, quality, design of goods, process strategy/sustainability, human resources and work measurement, and production planning/scheduling in a manufacturing context.