

# MGSC 631. ANALYSIS: PRODUCTION OPERATIONS.

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Credits: 3

Offered by: Management (Graduate Studies)

This course is not offered this catalogue year.

## Description

This course presents a framework for design and control of modern production and inventory systems, and bridges the gap between theory and practice of production and inventory management. The course develops analytical concepts in the area and highlights their applications in manufacturing industry. The course is divided into three segments. The first segment looks at the production planning process and discusses in detail the resource allocation issues. The second segment deals with analysis and operation of inventory systems. The third segment integrates production planning and inventory control and looks at various integrated models for determining replenishment quantities and production lots.

- \*\*This course will be held on May 3, 4, 5, 10, 11 & 12, and there will be a final exam on May 25, 2019
- \*\*Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fifth lecture day.
- Prerequisite: MGCR 472 or MGCR 372

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