

Course Abstract

Course ID and Name: MGT 214, Operations Management

Department: Business and Computer Science

Chairperson or Course Coordinator: Dr. Aslihan Cakmak

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Prerequisites: MGT 210

Co-requisites: None

Course Description:

The development of an awareness of the tools a user/manager utilizes in the design modification and implementation of a manual or automated system. Students select a particular technique, apply it to a system, and develop cost justification for implementation of the techniques. A combination of lecture and workshop oriented sessions are used in developing the various management techniques. The various tools and management techniques for evaluating the operations functions of a business are examined.

Credits: 3

If you need accommodations due to a disability, contact Disability Services in Edison Hall Room 100, 732.906.2546.

To foster a productive learning environment, the College requires that all students adhere to the Code of Student Conduct which is published in the college catalog and website.

Learning Outcomes:

Upon successful completion of the course, students will be able to:

1. Identify the strategic importance of operations management and the use of general principles of operations management in practice and strategy formulation.
2. Evaluate various quality systems, tools and techniques and their impact on competitiveness.
3. Discuss the transformation process, from inputs to outputs, such as capacity and inventory management, efficiency, productivity, standards, performance measures and production system types.

Course Content Areas:

- Quality Management: Statistical process control, product, and service design
- Processes and technology, capacity, and facilities
- Project and supply chain management
- Forecasting for inventory management, sales and operations and resource planning
- Lean systems and scheduling