

MBA 5660, Operations Management

Course Description: An integrative course that is concerned with the production and distribution of goods and services. Topics that are covered in depth are operations strategy, service and product design, lean manufacturing management, supply chain management and integrative technologies in operations. Cases are used to analyze situations, and to understand the impact of operations on other functional areas.

Prerequisites: BUS 3950 and admission to the MBA or MSNS-GIS degree program.

Learning Objectives:

1. Investigate the functions of production systems, technology, management processes, and decision making in operations.
2. Evaluate the role of management in product development and product design.
3. Examine the functions of independent and dependent demand inventories and some techniques for their control.
4. Evaluate capacity planning techniques and formulate operations strategy.
5. Analyze the importance of operations to all organizations providing services and producing goods in a modern economy.
6. Examine the importance of quality management, statistical process control, lean systems, supply chain management, job design and work measurement in organizations.