



Business Administration

Course Number:	BUAD 382
Course Title:	OPERATIONS MANAGEMENT
Credits:	3
Calendar Description:	Providing goods or services requires considerable management effort in selecting appropriate processes, determining inventory needs and procedures, sizing productive capacity, determining workforce levels, and assuring quality in the end product or service. This course investigates the decisions required by management and the quantitative and qualitative techniques applicable to the decision process. Emphasis is on forecasting, resource planning, lean systems, project management, process selection, layout, location, and planning.
Semester and Year:	WINTER 2021
Prerequisite(s):	MATH 114, BUAD 128, 264, STAT 121 or 124
Corequisite(s):	No
Prerequisite to:	No
Final Exam:	Yes
Hours per week:	3
Graduation Requirement:	Elective – Diploma, Management option Required – BBA, Management option
Substitutable Courses:	No
Transfer Credit:	CMA and PMAC
Special Notes:	Students with credit for BUAD 282 may not take BUAD 382 for additional credit.
Originally Developed:	2009
EDCO Approval:	

Chair's Approval:

Professors

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Learning Outcomes

Upon completion of this course students will be able to

- explain how operations strategy is a pattern of decisions about processes and supply chains that achieves an organization's competitive priorities.
- describe major decisions that define process configuration and how each relates to customer value.
- identify systematic approaches to capacity planning, inventory management, quality designing a layout, managing demand, scheduling and resources to improve an organization's performance.
- solve production, operational and service problems using MS Excel templates.

Course Objectives

This course will cover the following content:

- Apply and use systematic methodologies to solve operational problems
- Identify and apply appropriate techniques for managing business operations and correctly analyze and interpret the results through critical thinking
- Use management of processes, demand, quality, inventory, scheduling, layout & location to guide specific operational decision making
- Use MS Excel templates to understand operational problems and insert appropriate statistical functions where appropriate in Excel
- Solve typical problems using formulas and tables

Evaluation Procedure

Assignments	25%
Mid-term Exam	35%
Final Exam	40%
Total	100%

Notes

Each week's readings are to be completed before class meets.

Assignments are due at the beginning of class each week.

Required Texts/Resources

Course Schedule

2021 Week of	Monday, January 11 –	
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