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## WAIVER EXAM COURSE SYLLABUS

**MGGB6627** Operations Management (MBA required course)

The operations function for both manufacturing and service organizations is studied with the objective of the simultaneous optimization of the quality and productivity of the operations systems. Techniques for strategic planning and system design such as quality control, aggregate and capacity planning, project planning, scheduling and control, material and inventory management and just-in-time production are developed.

**Text:** Production and Operations Management, 7th Edition

**Author:** Richard B. Case, Nicholas J. Aquilano

### SUGGESTED TOPICS FOR REVIEW:

Topics	Chapters
Operations Strategy and Competitiveness	2
Product Design and Process Selection- Manufacturing	3
Technology Management	S3
Product Design and Process Selection- Services	4
Waiting Line Management	S4
Total Quality Management	5
Statistical Quality Control Methods	S5
Just-in-Time Production Systems	6
Forecasting	7
Linear Programing	S8
Facility Location	9
Facility Layout	10
Job Design, Work Measurement, and Learning Curves	11
Project Planning and Control	12
Aggregate Planning	13
Inventory Systems for Independent Demand	14

Accounting as an Information System – Objectives, Definitions, Framework, Financial vs. Managerial Accounting	
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**If you have questions you can contact the Admissions Office at:**

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