



The Hebrew University of Jerusalem

Syllabus

OPERATIONS MANAGEMENT - MBA - 55844

Last update 02-11-2017

HU Credits: 3

Degree/Cycle: 2nd degree (Master)

Responsible Department: business administration

Academic year: 0

Semester: 1st Semester

Teaching Languages: Hebrew

Campus: Mt. Scopus

Course/Module Coordinator: Prof. Nicole Adler

Coordinator Email: msnic@huji.ac.il

Coordinator Office Hours: Sunday 14:00-15:00

Teaching Staff:

Prof Nicole Adler

Course/Module description:

An organization's ultimate success depends on how efficiently and effectively it executes its strategic goals. This requires a detailed understanding of the processes used to produce and deliver goods and services to customers. This introductory course to Operations Management will describe operations strategy, long term decisions such as location and capacity and short-term decisions including inventory and aggregate planning.

Course/Module aims:

This course will provide students with the managerial tools needed to understand and articulate the impact of an organization's business processes, and the ability to analyze and continuously improve these business processes. The skills that students will develop in this course are relevant for all business students helping to develop both qualitative and quantitative skills.

Learning outcomes - On successful completion of this module, students should be able to:

Investigate and analyze the decision processes of a company. Apply operations management tools in order to reach sensible decisions. Investigate the performance of a company and compare to industry benchmarks. Formulate a demand forecast. Construct an inventory plan. Design a scheduling scheme in the short term. Analyze a queuing system to improve a service management firm.

Attendance requirements(%):

Teaching arrangement and method of instruction: Lectures, case studies, homework and exam.

Course/Module Content:

operations strategy, forecasting, inventory, queuing, process design and capacity planning, location, layout, supply chain management, aggregate planning, scheduling

Required Reading:

Jay Heizer & Barry Render: Operations Management. Pearson Education, 2014, 11th edition.

Goldratt, Eliyahu M.; Jeff Cox. The Goal: A Process of Ongoing Improvement. Great Barrington, MA.: North River Press, 1984.

Additional Reading Material:

Course/Module evaluation:

End of year written/oral examination 0 %

Presentation 0 %

Participation in Tutorials 10 %

Project work 0 %

Assignments 15 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 75 %

Cases

Additional information: