



# *The Hebrew University of Jerusalem*

## *Syllabus*

### *Operations Management - 55506*

*Last update 16-09-2020*

*HU Credits: 3*

*Degree/Cycle: 1st degree (Bachelor)*

*Responsible Department: Business Administration*

*Academic year: 0*

*Semester: 1st and/or 2nd Semester*

*Teaching Languages: Hebrew*

*Campus: Mt. Scopus/Rehovot*

*Course/Module Coordinator: Nicole Adler*

*Coordinator Email: [msnic@huji.ac.il](mailto:msnic@huji.ac.il)*

*Coordinator Office Hours: Sundays 11-12*

*Teaching Staff:*

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Dr. MICHAEL NAOR

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/or services to customers.*

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.*

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. principles of procurement.*

Attendance requirements(%):

80

*Teaching arrangement and method of instruction: Lectures, Harvard case studies, homework with excel spreadsheet.*

Course/Module Content:

*operations strategy, forecasting, inventory, process design and capacity planning, location, layout, supply chain management, Inventory management, aggregate planning, scheduling, Materials Requirement Planning (MRP).*

Required Reading:

*Jay Heizer & Barry Render: Operations Management. Sustainability and Supply Chain Management. Pearson Education, 2014, 11th edition.*

Additional Reading Material:

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*The goal, by Eliyahu Goldratt*

*Course/Module evaluation:*

*End of year written/oral examination 0 %*

*Presentation 0 %*

*Participation in Tutorials 10 %*

*Project work 0 %*

*Assignments 90 %*

*Reports 0 %*

*Research project 0 %*

*Quizzes 0 %*

*Other 0 %*

*Additional information:*

*Every student must submit at least 80% of the assignments on time in order to be eligible to take the final exam.*