

LECTURE SCHEDULE			
Lecture			Description
#	Week	Hrs	
1	1	3	Introduction to Operations Management
2	2	3	Introduction to Operations Management (continued)
3	3	3	Competitiveness, Strategy and Productivity
4	4	3	Competitiveness, Strategy and Productivity (continued)
5	5	3	Forecasting: Forecasts based on Time Series Data
6	6	3	Forecasting: Associative Forecasting Techniques
7	7	3	7 th week exam
8	8	3	Forecasting: Accuracy and Control of Forecasts
9	9	3	Strategic Capacity Planning for Products and Services
10	10	3	Decision Theory
11	11	3	Process Selection and Facility Layout
12	12	3	12 th week exam + Process Selection and Facility Layout (continued)
13	13	3	Location Planning and Analysis
14	14	3	Location Planning and Analysis: Cost-Profit-Volume Analysis
15	15	3	Location Planning and Analysis: Factor Rating and Center of Gravity Method
16	16	3	Final exam.

TEXT BOOKS	
Code*	Description
	Williams J. Stevenson: Operations Management, ^{10th} edition

REFERENCE BOOKS	
Code*	Description
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TUTORIAL SCHEDULE			
Tutorial			Topic
#	Week	Hrs	
1	1	2	Introduction to Operations Management
2	2	2	Introduction to Operations Management (continued)
3	3	2	Application on Competitiveness, Strategy and Productivity
4	4	2	Application on Competitiveness, Strategy and Productivity (continued)
5	5	2	Application on Forecasting: Forecasts based on Time Series Data
6	6	2	Application on Forecasting: Associative Forecasting Techniques
7	7	2	Solve 7 th week exam
8	8	2	Application on Forecasting: Accuracy and Control of Forecasts
9	9	2	Application on Strategic Capacity Planning for Products and Services
10	10	2	Application on Decision Theory
11	11	2	Application on Process Selection and Facility Layout
12	12	2	Application on Process Selection and Facility Layout (continued)
13	13	2	Application on Location Planning and Analysis
14	14	2	Application on Location Planning and Analysis: Cost-Profit-Volume Analysis
15	15	2	Application on Location Planning and Analysis: Factor Rating and Center of Gravity Method

COURSE FILE SUMMARY

COURSE INFORMATION			
College / Institute / Center	Management and technology	Department	Business Administration
Programme Title	Bachelor of Business Administration	Programme Code	
Course Title	Production Operations Management	Course Code	E A321
# Hours	-----2----- Lecture	-----2----- Lab / <u>Tutorial</u>	-----3----- Credit
Pre Requisites : Operations Research (E A 221)			

COURSE AIM

The materials in this course are intended as an introduction to the field of production and operations management. The subjects matter incorporates concepts from general management, accounting, marketing, and industrial engineering. The topics covered, include both strategic issues and practical applications. Among the topics included in this course are forecasting, capacity planning, location planning, and others. ting, and industrial se are intended as an introduction .

COURSE OBJECTIVES

The objective of this course is to provide a clear presentation of the concepts, tools, and applications of the field of production and operations management. It introduce the quantitative models that help the decision makers in the decision making process. By this course the students will learn how to formulate and solve different quantitative models.

STAFF REQUIREMENTS

	Qualifications	Special Skills	Number
Lectures	PhD	—	
Tutorials	B.BA		
Laboratories / Workshops			