



COURSE / MODULE / BLOCK DETAILS

ACADEMIC YEAR / SEMESTER

Offered by: BUSINESS ADMINISTRATION			
Course Title: PRODUCTION PLANNING AND CONTROL		Course Org. Title: PRODUCTION PLANNING AND CONTROL	
Course Level: Bachelor's Degree		Course Code: PRD 4220	
Language of Instruction: English		Form Submitting/Renewal Date 01/02/2019	
Weekly Course Hours: 3		Course Coordinator: DOÇ.DR. AŞKIN ÖZDAĞOĞLU	
Theory	Application	Laboratory	National Credit: 3
3	0	0	ECTS Credit: 5



DOKUZ EYLUL UNIVERSITY



FACULTY OF BUSINESS ADMINISTRATION OFFICE OF THE DEAN

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Offered to:	Course Status: Compulsory/Elective
Name of the Department:	
BUSINESS ADMINISTRATION	Elective Course

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Instructor/s:

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Course Objective:

It is aimed to provide students a thorough understanding of the strategic importance of production planning and how production planning activities can be used to provide a competitive advantage in the marketplace.

Learning Outcomes:

- 1 Demonstrate an understanding of different forecasting techniques in order to help decision making for long run planning.
- 2 Construct the material requirement planning matrices according to product structure tree to provide the schedule specifying the time that materials, parts and components should be ordered or produced
- 3 Create an aggregate production plan in order to translate business plans into broad labor and output plans for the intermediate term and minimize the cost of resources
- 4 Improve oral and written communication skills through group works, class discussions and presentations.

Learning and Teaching Strategies:

1. Lecture
2. Group Work
3. Presentations
4. Class Discussions
5. Laboratory applications

Assessment Methods:

Name	Code	Calculation formula
Midterm	MT	
TermProject	TP	
Presentation	PRS	
FINAL COURSE GRADE	FCG	$MT * 040 + TP * 040 + PRS * 020$

Further Notes about Assessment Methods:



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Assessment Criteria:

1. Students must construct a detailed report according to problem of firm
2. All group members must contribute to the solving phase of the firm problem and are expected to answer the questions at the end of the presentation.
3. Late submissions of reports will not be graded.

Textbook(s)/References/Materials:

Heizer, J. and Render, B. (2008). Operations Management, Tenth Edition, Prentice Hall.

Course Policies and Rules:

1. Students should attend 70% of the course.

Contact Details for the Instructor:

Office Hours:

Course Outline:

Week	Topics:	Notes:
1	INTRODUCTION	
2	Forecasting techniques	
3	Forecasting techniques	
4	Inventory Management	
5	Inventory Management	
6	Material requirement planning: master production schedule	



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7	Material requirement planning: matrix
8	Aggregate scheduling strategies
9	Aggregate scheduling methods
10	Aggregate scheduling methods
11	Term Project Presentations
12	Term Project Presentations



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ECTS Table

Course Activities	Number	Duration (hour)	Total Work Load (hour)
In Class Activities			
Lectures	12	1	12
Tutorials	12	2	24

Exams

Midterm	1	2	2
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Out of Class activities

Preparing term project	1	35	35
Preparations before/after weekly lectures	12	3	36
Preparing presentation	1	2	2
Preparation for midterm exam	1	10	10
Total Work Load (hour)			121
ECTS Credits of the Course= Total Work Load (hour) / 25			5