

# PRODUCTION PLANNING

1	Course Title:	PRODUCTION PLANNING	
2	Course Code:	ISL5316	
3	Type of Course:	Optional	
4	Level of Course:	Second Cycle	
5	Year of Study:	1	
6	Semester:	2	
7	ECTS Credits Allocated:	6.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. Ümit Gücenme Gençoğlu	
15	Course Lecturers:	Prof. Dr. Feray Çelikçapa Yrd. Doç. Dr. Gülay Kasap Öğr.Grv.Dr. Gökhan ŞENOL	
16	Contact information of the Course Coordinator:	mhakan@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	To teach the technics and methods of production planning in order to to gain skills at planning,taking decisions and managing on the area of production.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Learning the basic concepts and parts of the production planning system.
		2	Learning the methods of the demand forecast.
		3	Learning the methods and phases of the capacity planning.
		4	Learning the methods and phases of the aggregate production planning.
		5	Learning the methods and phases of the production scheduling.
		6	Gaining the skills of the management and coordination of the production planning activities at the enterprise production planning system.
		7	Gaining the skills of the management and coordination of the production planning activities at the supply chain.
		8	Gaining the skills of the management and coordination of the production planning activities at customer relations management.
		9	Learning the methods and phases of the production planning at the service sector.
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21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	

1	Production Planning System	
2	Quantitative Demand Forcast Methods	
3	Qualitative Demand Forecast Methods.	
4	Finite Capacity Planning	
5	Capacity Planning Methods	
6	Aggregate Production Planning	
7	Production Scheduling	
8	Midterm Exam	
9	Scheduling Methods	
10	Enterprise Resource Planning	
11	The Relationship of Supply Chain and Enterprise Resource Planning	
12	The Relationship of Customer Relationship Management and Enterprise Resource Planning	
13	Service Sector and Production Planning	
14	Service Sector and Production Planning	

22	Textbooks, References and/or Other Materials:	Üretim Planlaması, Feray Çelikçapa (Kaynak Kitap) Üretim Planlamave Kontrol , Mehmet Tanyaş (Kaynak Kitap)
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23	Assesment
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Activites			Number	Duration (hour)	Total Work Load (hour)
Theoretical Quiz	0	0	14	3.00	42.00
Practicals/Labs			0	0.00	0.00
Self study and preperation	1	1	10	2.00	28.00
Homeworks			2	15.00	30.00
Projects			0	0.00	0.00
Contribution of Term (Year) Learning Activities to			0	0.00	0.00
Field Studies			0	0.00	0.00
Contribution of Final Exam to Success Grade			1	0.00	0.00
Others			1	30.00	30.00
Final Exams			1	50.00	50.00
Measurement and Evaluation Techniques Used in the					
Total Work Load					180.00

24	ECTS/WORK LOAD TABLE			6.00
Total work load/ 30 n				
ECTS Credit of the Course				6.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	2	0	0	2	0	0	0	0	0	4	0	0	0	0	0	0
ÖK2	0	2	0	3	0	0	0	5	3	4	0	0	0	0	0	0
ÖK3	2	2	0	4	0	3	4	0	4	5	0	0	0	0	0	0
ÖK4	1	1	0	3	0	0	0	0	4	5	0	0	0	0	0	0

ÖK5	0	0	0	3	0	0	0	0	4	5	0	0	0	0	0	0
ÖK6	0	3	3	5	0	0	4	0	3	5	0	0	0	0	0	0
ÖK7	0	3	3	5	0	0	0	0	3	5	0	0	0	0	0	0
ÖK8	0	3	3	4	0	0	0	5	2	5	0	0	0	0	0	0
ÖK9	0	3	3	5	0	0	0	4	2	5	0	0	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			