

# PRODUCTION MANAGEMENT

<b>1</b>	Course Title:	PRODUCTION MANAGEMENT	
<b>2</b>	Course Code:	ISL3304	
<b>3</b>	Type of Course:	Compulsory	
<b>4</b>	Level of Course:	First Cycle	
<b>5</b>	Year of Study:	3	
<b>6</b>	Semester:	6	
<b>7</b>	ECTS Credits Allocated:	5.00	
<b>8</b>	Theoretical (hour/week):	3.00	
<b>9</b>	Practice (hour/week):	0.00	
<b>10</b>	Laboratory (hour/week):	0	
<b>11</b>	Prerequisites:		
<b>12</b>	Language:	Turkish	
<b>13</b>	Mode of Delivery:	Face to face	
<b>14</b>	Course Coordinator:	Prof. Dr. MURAT HAKAN ALTINTAŞ	
<b>15</b>	Course Lecturers:	Yard. Doç. Dr. Gülay KASAP Öğr. Gör. Dr. Gökhan ŞENOL	
<b>16</b>	Contact information of the Course Coordinator:	mhakan@uludag.edu.tr, Uludağ Üniversitesi İİBF İşletme Bölümü, Görükle, Nilüfer 16059 - Bursa	
<b>17</b>	Website:		
<b>18</b>	Objective of the Course:	To teach to the students the steps of the production systems establishment, the production technics and decisions by the interactive training methods.	
<b>19</b>	Contribution of the Course to Professional Development:		
<b>20</b>	Learning Outcomes:		
		<b>1</b>	Learning the basic principals of the production systems establishment and the working of the system at the industrial and service firms
		<b>2</b>	Learning the basic concepts of the production technics and systems
		<b>3</b>	Learning the process planning, development and control by the system design
		<b>4</b>	Layout strategies
		<b>5</b>	Capacity planning
		<b>6</b>	Learning the decision processes and technics of the production operations
		<b>7</b>	Learning the inventory management and inventory control methods
		<b>8</b>	Learning quality, quality control technics and methods
		<b>9</b>	Learning the new production systems at the global environment and production strategies for competitive advantage
		<b>10</b>	
<b>21</b>	Course Content:		

<b>Course Content:</b>			
<b>Week</b>	<b>Theoretical</b>	<b>Practice</b>	
<b>1</b>	Production Management and History		
<b>2</b>	Developments in Production Technologies		
<b>3</b>	Production Systems		
<b>4</b>	Production Strategies and Competition		
<b>5</b>	Technology Decisions		
<b>6</b>	Product Design and Product Development		
<b>7</b>	Process Management and Process Decisions		
<b>8</b>	In Plant Placement		
<b>9</b>	Inventory Management and Inventory Control		
<b>10</b>	Just in Time Production		
<b>11</b>	Lean Production		
<b>12</b>	Quality Control		
<b>13</b>	Capacity Planning and Management		
<b>14</b>	Industry 4.0		
<b>22</b>	Textbooks, References and/or Other Materials:	Üretim Yönetimi - Prof. Dr. Feray Çelikçapa Üretim/İşlemler Yönetimi - Prof. Dr. Sevinç Üreten Üretim Yönetimi - Prof. Dr. Bülent Kobu	
<b>23</b>	Assesment		
<b>TERM LEARNING ACTIVITIES</b>		<b>NUMBE R</b>	<b>WEIGHT</b>
Midterm Exam		1	40.00
Quiz		0	0.00
Home work-project		0	0.00
Final Exam		1	60.00
Total		2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00	
Contribution of Final Exam to Success Grade		60.00	
Total		100.00	
Measurement and Evaluation Techniques Used in the Course			
<b>24</b>	<b>ECTS / WORK LOAD TABLE</b>		

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	2.00	28.00
Homeworks	2	10.00	20.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	20.00	20.00
Others	0	0.00	0.00
Final Exams	1	40.00	40.00
Total Work Load			150.00
Total work load/ 30 hr			5.00
ECTS Credit of the Course			5.00

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	5	0	0	0	3	0	0	0	3	4	0	0	0	0	0	0
ÖK2	4	3	0	0	3	3	4	0	3	5	0	0	0	0	0	0
ÖK3	5	3	4	4	4	3	4	0	3	4	0	3	0	0	0	0
ÖK4	2	3	0	4	0	0	3	0	3	0	0	3	0	0	0	0
ÖK5	3	4	3	5	4	4	3	0	3	3	0	4	0	0	0	0
ÖK6	3	3	4	4	4	3	4	0	4	4	0	3	0	0	0	0
ÖK7	4	3	4	5	3	4	4	0	4	4	0	4	0	0	0	0
ÖK8	4	4	4	4	3	3	5	0	3	4	0	4	0	0	0	0
ÖK9	4	4	4	4	4	3	4	0	4	5	0	4	0	0	0	0
<b>LO: Learning Objectives    PQ: Program Qualifications</b>																
<b>Contribution Level:</b>	<b>1 very low</b>			<b>2 low</b>			<b>3 Medium</b>			<b>4 High</b>			<b>5 Very High</b>			