

# TECHNOLOGY MANAGEMENT

1	Course Title:	TECHNOLOGY MANAGEMENT	
2	Course Code:	OTO4112	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	8	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. FERRUH ÖZTÜRK	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	Mühendislik Fakültesi Otomotiv Mühendisliği Bölümü Görükle Kampusu Bursa 16059	
17	Website:		
18	Objective of the Course:	This course aims to provide knowledge and understanding of technology management It is designed to enable the students to have knowledge and understanding of technology management in automotive industry	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Demonstrate knowledge and understanding of technology management
		2	Demonstrate knowledge and understanding of technology management context and applications in automotive industry
		3	
		4	
		5	
		6	
		7	
		8	
		9	
		10	
21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Technology and role of technology		

2	Technology and management	
3	Problem solving techniques	
4	Science and technology	
5	Technology management approaches	
6	Technology strategies	
7	Product development	
8	Decision making techniques	
9	Technology and organizations	
10	R&D and technology in automotive industry	
11	R&D and technology in automotive industry	
12	Innovation in automotive industry	
13	Technology strategies in automotive industry	
14	Project presentation	

22	Textbooks, References and/or Other Materials:	Lecture notes
----	---	---------------

23	Assesment
----	-----------

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	20.00
Quiz	0	0.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical Contribution of Term (Year) Learning Activities to	40	2.00	28.00
Practicals/Labs	0	0.00	0.00
Contribution of Final Exam to Success Grade	60	1.00	14.00
Homeworks	1	10.00	10.00
Projects	1	14.00	14.00
Measurement and Evaluation Techniques Used in the	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	10.00	10.00
Others	0	0.00	0.00
Final Exams	1	14.00	14.00
Total Work Load			100.00
Total work load/ 30 hr			3.00
ECTS Credit of the Course			3.00

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	0	0	0	3	3	0	0	0	0	2	2	2	0	0	0	0
ÖK2	0	0	0	0	2	2	0	0	3	3	3	3	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			