

AUTOMATIC CONTROL

1	Course Title:	AUTOMATIC CONTROL	
2	Course Code:	MAK3002	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	3	
6	Semester:	6	
7	ECTS Credits Allocated:	5.00	
8	Theoretical (hour/week):	4.00	
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. İBRAHİM YÜKSEL	
15	Course Lecturers:	Yrd.Doç.Dr. GÜRSEL ŞEFKAT Yrd.Doç.Dr. Elif Erzan TOPÇU Öğr.Gör.Dr. Mesut ŞENGİRGİN	
16	Contact information of the Course Coordinator:	Prof. Dr. İbrahim YÜKSEL Mühendislik Fakültesi, Makine Mühendisliği Bölümü	
17	Website:		
18	Objective of the Course:	To provide automatic control of automation systems in the technological field and to provide knowledge and skills to understand their functions together with mathematical relations.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
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22	Textbooks, References and/or Other Materials:	1. Modern Control System, R. C. Dorf & R.H. Bishop, 10.Baskl, 2005, Prentic Hall, 2. Control Systems Engineering, Sixth Edition N. S. Nise Prentic Hall. 3. Modern_Control_Engineering_Ogata 4. Modeling, Analysis, and Control Dynamic Systems, W.J. Palm III, John Wiley & Sons. Inc., 1999
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23	Assesment
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	20.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	4.00	56.00
Total	3	100.00	
Practicals/Labs	0	0.00	0.00
Self-study and preparation	14	4.00	56.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Total	100.00		
Field Studies	0	0.00	0.00
Course exams	1	20.00	20.00
Others	0	0.00	0.00
Final Exams	1	20.00	20.00
Total Work Load			152.00
Total work load/ 30 hr			5.07
ECTS Credit of the Course			5.00

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ÖK5	0	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	3	5	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	3	3	5	2	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	2	1	5	3	0	0	0	0	0	0	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			