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.Baskı, 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

23	Assesment

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	20.00
Total	3	100.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	4.00	56.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	4.00	56.00
Homeworks	0	0.00	0.00
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	20.00	20.00
Total Work Load			152.00
Total work load/ 30 hr			5.07
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	1	1	1	5	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	3	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	5	0	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	2	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0

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