

Mekatronik Mühendisliği Bölümü

Lisans Müfredatı

ATACS Müfredat Adı: "MECE-CUR-2021-2022 Güz Dönemi-1"

DÖNEM : 1			
DERS KODU	DERSİN ADI	KREDİ	AKTS
HIST101	Principles of Atatürk and History of Turkish Revolution I	2	2
PHYS101	General Physics I	4	6
MATH151	Calculus I	5	7
CHE105	General Chemistry	4	5
MECE101	Fundamentals of Engineering	1	3,5
KRY111	Career Planning	1	1
ENG101	English For Academic Purposes I	4	3,5
HIST221	History of Civilization	3	3
KREDİ : 24 AKTS : 31,0			
DÖNEM : 2			
DERS KODU	DERSİN ADI	KREDİ	AKTS
MECE102	Fundamentals of Mechatronics Engineering	1	3
ME108	Computer Aided Solid Modeling	2	4,5
HIST102	Principles of Atatürk and History of Turkish Revolution II	2	2
MATH152	Calculus II	5	7
CMPE102	Computer Programming	3	4
PHYS102	General Physics II	4	6
ENG102	English for Academic Purposes II	3	3,5
KREDİ : 20 AKTS : 30,0			
DÖNEM : 3			
DERS KODU	DERSİN ADI	KREDİ	AKTS
MATH275	Linear Algebra	4	6
EE203	Digital Circuits and Systems	4	6
ENG201	English for Academic Purposes III	3	3
EE234	Introduction to Electrical Engineering	3	5
ME211	Statics and Strength of Materials	3	6
MECE-GE2FA1	General Elective	3	4
KREDİ : 20 AKTS : 30			
DÖNEM : 4			
DERS KODU	DERSİN ADI	KREDİ	AKTS
MFGE205	Introduction to Manufacturing Processes	3	5
ENG202	English for Academic Purposes IV	3	3
EE236	Electronic Circuits	3	5
MATH276	Differential Equations	4	6

MECE228	Microcontrollers	4	5
MECE204	Dynamics	3	6
KREDİ : 20 AKTS : 30			
DÖNEM : 5			
DERS KODU	DERSİN ADI	KREDİ	AKTS
EE303	Signals and Systems	3	7
MATH380	Numerical Methods for Engineers	3	5
IE220	Probability and Statistics	3	5
MECE399	Summer Practice I	0	6
MECE309	Mechatronics Components	3	4
ENG301	English for Occupational Purposes I	3	3
MECE303	Theory of Machines	3	6
KREDİ : 18 AKTS : 30			
DÖNEM : 6			
DERS KODU	DERSİN ADI	KREDİ	AKTS
MECE306	Control Systems I	3	6
ENG302	English for Occupational Purposes II	3	3
ME316	Machine Elements	3	7
MECE332	Mechatronic Instrumentation	3	5
<u>MECE-GE3SP1</u>	General Elective	3	4
<u>MECE-AE3SP1</u>	Area Elective	3	5
KREDİ : 18 AKTS : 30			
DÖNEM : 7			
DERS KODU	DERSİN ADI	KREDİ	AKTS
MECE499	Summer Practice II	0	6
TURK401	Turkish Language I	2	2
MECE401	Mechatronic Design	3	7
MECE405	Modern Control Engineering	3	6
<u>MECE-AE4FA1</u>	Area Elective	3	5
<u>MECE-AE4FA2</u>	Area Elective	3	5
<u>MECE-AE4FA3</u>	Area Elective	3	5
KREDİ : 17 AKTS : 30			
DÖNEM : 8			
DERS KODU	DERSİN ADI	KREDİ	AKTS
MECE408	Undergraduate Research Project	3	6
MECE422	Multidisciplinary Engineering Design	3	5
TURK402	Turkish Language II	2	2
MECE432	Mechatronics Engineering Seminars	2	3
<u>MECE-AE4SP1</u>	Area Elective	3	5
<u>MECE-AE4SP2</u>	Area Elective	3	5
<u>MECE-GE4SP1</u>	General Elective	2	4
KREDİ : 18 AKTS : 30			