

Doğuş Üniversitesi MÜHENDİSLİK FAKÜLTESİ

CRP 101 Career Planning		ENDÜSTRİ MÜHENDİSLİĞİ (İ	INGİLİZCE)		
Dept	ANBUL.19	ENDÜSTRİ MÜHENDİSLİĞİ (İ	ingilizce)		
Dept					
CRP 101 Career Planning		1.Yarıyıl Ders Planı			
DOU 101 Understanding University and Critical Thinking 1+0+0 Zorunlu 1 ECON 101 Introduction to Economics 3+0+0 Zorunlu 5 ENG 201 Critical Reading and Writing in English 4+0+0 Zorunlu 4 IE 101 Introduction to Industrial Engineering 3+0+0 Zorunlu 6 MATH 111 Calculus I 2+2+0 Zorunlu 6 PHYS 101 Physics I 2+0+2 Zorunlu 6 TORK 103 Critical Reading and Writing in Turkish 4+0+0 Zorunlu 4 ***Toplam AKTS*** 3 ***Toplam AKTS*** 3 ***Toplam AKTS*** 3 ***Toplam AKTS*** 3 ***Toplam AKTS*** 3 ***Toplam AKTS*** 3 ***Toplam AKTS*** 3 ***Toplam AKTS*** 4 ***Toplam AKTS*** 3 ***Toplam AKTS*** 3 ***Toplam AKTS*** 3 <td></td> <td>Ders Adı</td> <td>T+U+L</td> <td>Zorunlu/Seçmeli</td> <td>AKTS</td>		Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
ECON 101 Introduction to Economics 3+0+0 Zorunlu 5 ENG 201 Critical Reading and Writing in English 4+0+0 Zorunlu 4 IE 101 Introduction to Industrial Engineering 3+0+0 Zorunlu 6 MATH 111 Calculus I 2+2+0 Zorunlu 6 PHYS 101 Physics I 2+0+2 Zorunlu 6 TURK 103 Critical Reading and Writing in Turkish Toplam AKTS 3 **Toplam AKTS 3 **Toplam AKTS 3 **Toplam AKTS 3 **Toplam AKTS 3 **Toplam AKTS 3 **Toplam AKTS 3 **Toplam AKTS 4 **English 2+0+0 Zorunlu 5 ESCI 106 Introduction to Solid Mechanics 2+2+0 Zorunlu 6 ESCI 106 Introduction to Solid Mechanics 2+2+0 Zorunlu 6 **Toplam AKTS 3 3	CRP 101	Career Planning	1+0+0	Zorunlu	2
ENG 201 Critical Reading and Writing in English 4+0+0 Zorunlu 4	DOU 101	Understanding University and Critical Thinking	1+0+0	Zorunlu	1
E 101	ECON 101	Introduction to Economics	3+0+0	Zorunlu	5
MATH 1111 Calculus I 2+2+0 Zorunlu 6 PHYS 101 Physics I 2+0+2 Zorunlu 6 TÜRK 103 Critical Reading and Writing in Turkish 4+0+0 Zorunlu 4 Toplam AKTS 3 2.Yarryıl Ders Plant Toplam AKTS 3 ENG du 1-80+2 Zorunlu AK CHEM 101 Chemistry 2+0+2 Zorunlu 4 ENG 400 Business English 2+0+0 Zorunlu 4 ESCI 106 Introduction to Solid Mechanics 2+2+0 Zorunlu 5 MATH 112 Calculus II 2+2+0 Zorunlu 6 PHYS 102 Physics II 2+0+2 Zorunlu 4 FAR 203 Principles of Atatürk and Formation of Modern Turkey 4+0+0 Zorunlu 4 Toplam AKTS 3 3 AK COME 106 Introduction to Algorithms and Computer Programming 2+0+2 Zorunlu 5	ENG 201	Critical Reading and Writing in English	4+0+0	Zorunlu	4
PHYS 101 Physics I 2+0+2 Zorunlu 6 TÜRK 103 Critical Reading and Writing in Turkish 4+0+0 Zorunlu 4 Toplam AKTS 3 2.Yarryıl Ders Plani Ders Kodu TÜRK 101 Chemistry 2-0+2 Zorunlu 5 ENG 400 Business English 2+0+0 Zorunlu 5 ESCI 106 Introduction to Solid Mechanics 2+2+0 Zorunlu 5 MATH 112 Calculus II 2+0+2 Zorunlu 6 PHYS 102 Physics II 2+0+2 Zorunlu 6 TAR 203 Principles of Atatürk and Formation of Modern Turkey 4+0+0 Zorunlu 4 Toplam AKTS 3 3 Yarryıl Ders Plani Toplam AKTS 3 Ders Kodu Ders Adı TURL Zorunlu 4 COME 106 Introduction to Algorithms and Computer Programming 2+0+2 Zorunlu 5 MAT	IE 101	Introduction to Industrial Engineering	3+0+0	Zorunlu	2
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2.Yarryil Ders Plant	PHYS 101	Physics I	2+0+2	Zorunlu	6
2. Varryil Ders Plani	TÜRK 103	Critical Reading and Writing in Turkish	4+0+0	Zorunlu	4
Ders Kodu Ders AdI T-U+L Zorunlu/Seçmeli AK CHEM 101 Chemistry 2+0+2 Zorunlu 5 ENG 400 Business English 2+0+0 Zorunlu 4 ENG 106 Introduction to Solid Mechanics 2+2+0 Zorunlu 6 MATH 112 Calculus II 2+2+0 Zorunlu 6 MATH 112 Calculus II 2+0+2 Zorunlu 6 PHYS 102 Physics II 2+0+2 Zorunlu 6 TAR 203 Principles of Atatürk and Formation of Modern Turkey 4+0+0 Zorunlu 4 Toplam AKTS 3 3.Yarryil Ders Plan: Toplam AKTS 3 WERN ACTUAL TURKEN A				Toplam AKTS	30
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ESCI 106		•			4
MATH 112 Calculus II 2+2+0 Zorunlu 6 PHYS 102 Physics II 2+0+2 Zorunlu 6 TAR 203 Principles of Atatürk and Formation of Modern Turkey 4+0+0 Zorunlu 4 Toplam AKTS 30 3.Yarıyıl Ders Planı Toplam AKTS 30 Ders Kodu Ders Adı TAUL Zorunlu Seçmeli AK COME 106 Introduction to Algorithms and Computer Programming 2+0+2 Zorunlu 4 IE 001 Internship I 0+0+0 Zorunlu 5 MATH 213 Linear Algebra 3+0+0 Zorunlu 5 ME 103 Computer Aided Engineering Graphics 2+0+2 Zorunlu 5 STAT 203 Engineering Statistics I 2+2+0 Zorunlu 5 SEC I (Sci. Elec.) Science Elective - Seçmeli 6 CHEM 300 Nanoscience and Nanotechnology 2+0+2 Seçmeli 6 MATH 431		•			5
PHYS 102 Physics II 2+0+2 Zorunlu 6 TAR 203 Principles of Atatürk and Formation of Modern Turkey 4+0+0 Zorunlu 4 Toplam AKTS 33 3. Yarıyıl Ders Planı Tupler Planı Ders Kodu Ders Adi Tuple Liper Adit Xorunlu Seçmeli AK COME 106 Introduction to Algorithms and Computer Programming 2+0+2 Zorunlu 5 MATH 213 Linear Algebra 3+0+0 Zorunlu 5 STAT 203 Engineering Statistics I 2+0+2 Zorunlu 5 SEC I (Sci. Elec.) Science Elective - Seçmeli 6 CHEM 300 Nanoscience and Nanotechnology 2+0+2 Seçmeli 6 CHEM 300 Nanoscience and Nanotechnology 2+0+2 Seçmeli 6 <td></td> <td></td> <td></td> <td></td> <td></td>					
TAR 203					
Segmeli Segm		·			4
3.Yarıyıl Ders Planı Ders Kodu Ders Adı T-U+L Zorunlu/Seçmeli AK COME 106 Introduction to Algorithms and Computer Programming 2+0+2 Zorunlu 4 IE 001 Internship I 0+0+0 Zorunlu 5 MATH 213 Linear Algebra 3+0+0 Zorunlu 5 ME 103 Computer Aided Engineering Graphics 2+0+2 Zorunlu 5 STAT 203 Engineering Statistics I 2+2+0 Zorunlu 5 SEC I (Sci. Elec.) Science Elective - Seçmeli 6 Gruplu Dersler CHEM 300 Nanoscience and Nanotechnology 2+0+2 Seçmeli 66 MATH 431 Introduction to Topology 0+0+0 Seçmeli 66 PHYS 223 Light and Optics 2+1+1 Seçmeli 66 PHYS 301 Classical Mechanics I 3+0+0 Seçmeli 66	TAR 200	Timopies of Atatulk and Formation of Modern Turkey	41010		30
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ME 103 Computer Aided Engineering Graphics 2+0+2 Zorunlu 5 STAT 203 Engineering Statistics I 2+2+0 Zorunlu 5 SEC I (Sci. Elec.) Science Elective - Seçmeli 6 Toplam AKTS 31 Gruplu Dersler CHEM 300 Nanoscience and Nanotechnology 2+0+2 Seçmeli 6 MATH 431 Introduction to Topology 0+0+0 Seçmeli 6 PHYS 223 Light and Optics 2+1+1 Seçmeli 6 PHYS 301 Classical Mechanics I 3+0+0 Seçmeli 6		·			5
STAT 203 Engineering Statistics I 2+2+0 Zorunlu 5 SEC I (Sci. Elec.) Science Elective - Seçmeli 6 Toplam AKTS 30 Gruplu Dersler CHEM 300 Nanoscience and Nanotechnology 2+0+2 Seçmeli 6 MATH 431 Introduction to Topology 0+0+0 Seçmeli 6 PHYS 223 Light and Optics 2+1+1 Seçmeli 6 PHYS 301 Classical Mechanics I 3+0+0 Seçmeli 6		· ·			5
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CHEM 300 Nanoscience and Nanotechnology 2+0+2 Seçmeli 6 MATH 431 Introduction to Topology 0+0+0 Seçmeli 6 PHYS 223 Light and Optics 2+1+1 Seçmeli 6 PHYS 301 Classical Mechanics I 3+0+0 Seçmeli 6		Grunlu Dersler		Toplam AKTS	30
MATH 431 Introduction to Topology 0+0+0 Seçmeli 6 PHYS 223 Light and Optics 2+1+1 Seçmeli 6 PHYS 301 Classical Mechanics I 3+0+0 Seçmeli 6	CHEM 300		2+0+2	Secmeli	6
PHYS 223Light and Optics2+1+1Seçmeli6PHYS 301Classical Mechanics I3+0+0Seçmeli6		•		•	6
PHYS 301 Classical Mechanics I 3+0+0 Seçmeli 6					
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	PHYS 325	Modern Physics II	4+0+0	Seçmeli	6

SECT (Sci. Elec.)	Science Elective	-	Seçmen	U
			Toplam AKTS	30
	Gruplu Dersler			
CHEM 300	Nanoscience and Nanotechnology	2+0+2	Seçmeli	6
MATH 431	Introduction to Topology	0+0+0	Seçmeli	6
PHYS 223	Light and Optics	2+1+1	Seçmeli	6
PHYS 301	Classical Mechanics I	3+0+0	Seçmeli	6
PHYS 325	Modern Physics II	4+0+0	Seçmeli	6
PHYS 371	Solid State Physics for Engineers	3+0+0	Seçmeli	6
	4.Yarıyıl Ders Planı			

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	Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
Ī	IE 002	Internship II	0+0+0	Zorunlu	2
	IE 222	Introduction to Manufacturing Technologies	3+0+0	Zorunlu	5
	IE 252	Work Study and Ergonomics	2+2+0	Zorunlu	6
	MATH 214	Differential Equations	2+2+0	Zorunlu	6
	STAT 204	Engineering Statistics II	2+2+0	Zorunlu	6
	SEC II (Üni. Elec.)	University Elective	-	Seçmeli	5
				Toplam AKTS	30

			Toplam AKTS	30
	Gruplu Dersler			
BA 202	Research Methods for Social Sciences	2+1+0	Seçmeli	6
BA 242	Organizational Behavior	2+1+0	Seçmeli	6
BA 252	Principles of Marketing	3+0+0	Seçmeli	5
BA 342	Strategic Management and Business Policy	3+0+0	Seçmeli	6
BA 362	Sales Management	3+0+0	Seçmeli	5
BA 455	Human Resource Management	3+0+0	Seçmeli	6
CHN 102	Chinese II	2+2+0	Seçmeli	5
ECON 212	Macroeconomics	3+0+0	Seçmeli	5
ECON 325	Economic Development	3+0+0	Seçmeli	5
FIN 442	International Financial Management	3+0+0	Seçmeli	5
FRN 102	French II	2+2+0	Seçmeli	5
GER 102	German II	2+2+0	Seçmeli	5

GRD 362	User Interface Design II	3+0+0	Seçmeli	5
INTR 312	E-Commerce and E-Business	3+0+0	Seçmeli	5
INTR 354	International Marketing	3+0+0	Seçmeli	5
INTR 402	Global Business	3+0+0	Seçmeli	5
IR 114	Globalization	2+0+0	Seçmeli	4
			•	
IR 212	Diplomatic History	3+0+0	Seçmeli	5
IR 404	Politics in China and the Far East	2+0+0	Seçmeli	5
IR 424	Ethics and International Relations	2+0+0	Seçmeli	5
IR 436	Culture and Identity in World Politics	0+2+0	Seçmeli	6
IR 464	China's Role in Globalization: Economy, Technology, Logistics	2+0+0	Seçmeli	5
ITA 102	Italian II	2+2+0	Seçmeli	5
JAP 102	Japanese II	2+2+0	Seçmeli	5
POLS 102	·	2+0+0	•	6
	Introduction to Political Science		Seçmeli	
PSY 204	History of Psychology	3+0+0	Seçmeli	4
RUS 101	Russian I	2+2+0	Seçmeli	5
SMR 400	Seminar	2+0+0	Seçmeli	2
SOC 100	General Sociology	3+0+0	Seçmeli	5
SOC 242	Making of the Modern World	2+0+0	Seçmeli	6
VTS 301	Volunteering Studies	1+2+0	Seçmeli	4
V 13 301	Volunteering Studies	1+2+0	Seçmen	4
	5.Yarıyıl Ders Planı			
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
BA 211	General Accounting	3+0+0	Zorunlu	5
IE 003	Internship III	0+0+0	Zorunlu	3
IE 301	Operations Research I	2+2+0	Zorunlu	6
IE 333	Production Planning and Control I	3+0+0	Zorunlu	5
SEC II (Den Elec	c.) Departmental Elective	_	Seçmeli	6
` .	c.) University Elective	_	Seçmeli	5
OLO IV (OIII. LICC	Offiversity Elective	-	Toplam AKTS	30
	Gruplu Dersler		Topidili AitTo	
BA 241		3+0+0	Coomoli	E
	Management and Organization		Seçmeli	5
BA 353	Consumer Behavior	3+0+0	Seçmeli	5
BA 449	Entrepreneurship and Small Business Administration	3+0+0	Seçmeli	5
CHN 101	Chinese I	2+2+0	Seçmeli	5
ECON 211	Microeconomics	3+0+0	Seçmeli	5
ECON 321	International Economics	3+0+0	Seçmeli	5
FRN 101	French I	2+2+0	Seçmeli	5
			•	
GER 101	German I	2+2+0	Seçmeli	5
GRD 361	User Interface Design I	3+0+0	Seçmeli	5
IE 303	Game Theory for Engineers	3+0+0	Seçmeli	6
IE 304	Applications in Data Analysis	3+0+0	Seçmeli	6
IE 323	Production Systems	3+0+0	Seçmeli	6
IE 331	Facilities Planning and Design	3+0+0	Seçmeli	5
IE 351	Productivity Analysis	3+0+0	Seçmeli	6
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IE 401	Mathematical Modeling	3+0+0	Seçmeli	6
IE 403	Network Theory	3+0+0	Seçmeli	6
IE 433	Enterprise Resource Planning	3+0+0	Seçmeli	6
IE 434	Entrepreneurship and Innovation	2+2+0	Seçmeli	6
INTR 213	International Logistics	3+0+0	Seçmeli	5
IR 221	Diplomatic History of the Ottoman Empire	3+0+0	Seçmeli	6
IR 227	Terrorism		•	5
		2+0+0	Seçmeli	
IR 244	Contemporary Political Ideologies	3+0+0	Seçmeli	6
IR 261	International Relations Theory	3+0+0	Seçmeli	6
IR 405	History and Politics of the Balkans	2+0+0	Seçmeli	5
IR 415	European Security	2+0+0	Seçmeli	5
IR 465	Russian and Eurasian Politics	2+0+0	Seçmeli	5
	Italian I	2+2+0		5
ITA 101			Seçmeli	
JAP 101	Japanese I	2+2+0	Seçmeli	5
MIS 101	Introduction to Management Information Systems	2+0+0	Seçmeli	5
POLS 101	Introduction to Social Science	2+0+0	Seçmeli	6
SBYO 105	Special Education and Inclusion	3+0+0	Seçmeli	4
SOC 100	General Sociology	3+0+0	Seçmeli	5
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	6.Yarıyıl Ders Planı			
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
IE 302	Operations Research II	2+2+0	Zorunlu	6
IE 332	Facilities Planning and Design	3+0+0	Zorunlu	5
	•			
IE 334	Production Planning and Control II	3+0+0	Zorunlu	5
IE 335	Total Quality Management	3+0+0	Zorunlu	5

IE 362	Engineering Economy	3+0+0	Zorunlu Seçmeli	4 5
SEC V (Fac. El	lec.) Faculty Elective	-		
	Cwarle Daveler		Toplam AKTS	30
COME 100	Gruplu Dersler	21012	Coomoli	6
COME 108	Algorithms and Programming II	2+0+2	Seçmeli	6
COME 214	Programming Language Concepts	2+0+2	Seçmeli	5
COME 218	Data Structures and Algorithms	2+0+2	Seçmeli	6
COME 226	Computer Organization and Architecture	2+0+2	Seçmeli	5
COME 302	Information and Data Analysis	2+0+2	Seçmeli	5
COME 320	Computer Graphics with Open GL	2+0+2	Seçmeli	5
COME 342	Introduction to Software Engineering	2+0+2	Seçmeli	6
COME 346	Business Information Systems	2+0+2	Seçmeli	5
COME 412	Data Communications Systems	3+0+0	Seçmeli	5
CONT 212	•	2+0+2	•	5
	Electrical Measurements and Sensors		Seçmeli	
EEE 418	Microprocessors and IoT	1+2+0	Seçmeli	5
ME 212	Materials Science	3+0+1	Seçmeli	5
ИЕ 264	Thermodynamics I	3+1+0	Seçmeli	5
ME 302	Experimental Engineering II	1+0+4	Seçmeli	5
ИЕ 304	Modelling and Control of Dynamic Systems	3+0+0	Seçmeli	5
ИЕ 322	Machine Elements I	3+1+0	Seçmeli	5
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	7.Yarıyıl Ders Planı			
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AK
EF 403	Ethics and Occupational Safety in Engineering	0+2+0	Zorunlu	1
E 406	Systems Simulation	2+2+0	Zorunlu	6
E 438	Product and Process Development	3+0+0	Zorunlu	6
E 491	Research Project	1+2+0	Zorunlu	5
	<i>,</i>	1+2+0		
SEC VI (Dep. E	Elec.)Departmental Elective (2 Pieces)	-	Seçmeli Tanlam AKTS	12
	Cruply Decolor		Toplam AKTS	3
-	Gruplu Dersler			
E 303	Game Theory for Engineers	3+0+0	Seçmeli	6
E 304	Applications in Data Analysis	3+0+0	Seçmeli	6
E 323	Production Systems	3+0+0	Seçmeli	6
E 331	Facilities Planning and Design	3+0+0	Seçmeli	5
E 351	Productivity Analysis	3+0+0	Seçmeli	6
E 401	Mathematical Modeling	3+0+0	Seçmeli	6
E 403	Network Theory	3+0+0	Seçmeli	6
E 433	Enterprise Resource Planning	3+0+0	Seçmeli	6
E 434	Entrepreneurship and Innovation	2+2+0	Seçmeli	6
L 101	Entropreneuromp and mnovation	2.2.0	Coymon	
	8.Yarıyıl Ders Planı			
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AK
E 492	Graduation Project	0+6+0	Zorunlu	7
	lec.) Science Elective	_	Seçmeli	5
•	Elec.Departmental Elective (2 Pieces)		Seçmeli	1:
	Elec Faculty Elective	_	Seçmeli	6
SEC VIII (Fac. I	Elec, Faculty Elective	-		3
	Cwarle Daveler		Toplam AKTS	3
210 102	Gruplu Dersler	21010	Coomoli	
3IO 102	Introduction to Biology	3+0+0	Seçmeli	6
COME 108	Algorithms and Programming II	2+0+2	Seçmeli	6
COME 214	Programming Language Concepts	2+0+2	Seçmeli	5
COME 218	Data Structures and Algorithms	2+0+2	Seçmeli	6
COME 226	Computer Organization and Architecture	2+0+2	Seçmeli	5
COME 302	Information and Data Analysis	2+0+2	Seçmeli	5
COME 320	Computer Graphics with Open GL	2+0+2	Seçmeli	5
OME 342	Introduction to Software Engineering	2+0+2	Seçmeli	6
COME 346	Business Information Systems	2+0+2	Seçmeli	5
	•		•	
COME 404	Automata Theory and Formal Languages	3+0+0	Seçmeli	6
COME 412	Data Communications Systems	3+0+0	Seçmeli	5
COME 414	Electronic Business and Commerce Systems	3+0+0	Seçmeli	5
	Microprocessors and IoT	1+2+0	Seçmeli	5
	A 11 11 1 1 D 1 A 1 1	3+0+0	Seçmeli	ϵ
EEE 418	Applications in Data Analysis		•	6
EEE 418 E 304	•	3+0+0	Seçmen	•
EEE 418 E 304 E 402	Introduction to Multicriteria Decision Making		Seçmeli Secmeli	F
EEE 418 E 304 E 402 E 405	Introduction to Multicriteria Decision Making Stochastic Models	3+0+0	Seçmeli	
EEE 418 E 304 E 402 E 405 E 425	Introduction to Multicriteria Decision Making Stochastic Models Computer Integrated Manufacturing	3+0+0 2+0+2	Seçmeli Seçmeli	6
EEE 418 E 304 E 402 E 405 E 425 E 433	Introduction to Multicriteria Decision Making Stochastic Models Computer Integrated Manufacturing Enterprise Resource Planning	3+0+0 2+0+2 3+0+0	Seçmeli Seçmeli Seçmeli	6
EEE 418 E 304 E 402 E 405 E 425 E 433 E 434	Introduction to Multicriteria Decision Making Stochastic Models Computer Integrated Manufacturing Enterprise Resource Planning Entrepreneurship and Innovation	3+0+0 2+0+2 3+0+0 2+2+0	Seçmeli Seçmeli Seçmeli Seçmeli	6 6
EEE 418 E 304 E 402 E 405 E 425 E 433 E 434 E 436	Introduction to Multicriteria Decision Making Stochastic Models Computer Integrated Manufacturing Enterprise Resource Planning	3+0+0 2+0+2 3+0+0	Seçmeli Seçmeli Seçmeli	6 6 6 6

IE 464	0	0.0.0	0 "	0
IE 454	Strategic and Technological Planning	3+0+0	Seçmeli	6
IE 462	Lean Manufacturing	3+0+0	Seçmeli	6
IE 476	Environmental Studies	3+0+0	Seçmeli	6
MATH 174	Geometry For Engineers	3+0+0	Seçmeli	6
MATH 250	Complex Calculus	3+0+0	Seçmeli	6
MATH 258	Partial Differential Equations	3+0+0	Seçmeli	6
MATH 354	Operational Calculus	3+0+0	Seçmeli	6
ME 212	Materials Science	3+0+1	Seçmeli	5
ME 264	Thermodynamics I	3+1+0	Seçmeli	5
ME 302	Experimental Engineering II	1+0+4	Seçmeli	5
ME 304	Modelling and Control of Dynamic Systems	3+0+0	Seçmeli	5
ME 322	Machine Elements I	3+1+0	Seçmeli	5
PHYS 112	Waves, Fluids, Thermodynamics	3+0+0	Seçmeli	6
PHYS 122	Electricity and Magnetism	2+0+2	Seçmeli	6
PHYS 224	Modern Physics I	3+0+0	Seçmeli	6
PHYS 302	Classical Mechanics II	3+0+0	Seçmeli	6
PHYS 324	Electromagnetic Theory	3+0+0	Seçmeli	6
PHYS 334	Quantum Mechanics	3+0+0	Seçmeli	6
PHYS 417	Cosmology	3+0+0	Seçmeli	6
PHYS 432	Computational Physics	3+0+0	Seçmeli	6
PHYS 473	Introduction to Optoelectronics and Photonics	3+0+0	Seçmeli	6
	SEÇMELİ DERSLER HAVUZU			
BA 202	Research Methods for Social Sciences	2+1+0	Seçmeli	6
BA 241	Management and Organization	3+0+0	Seçmeli	5
BA 242	Organizational Behavior	2+1+0	Seçmeli	6
BA 252	Principles of Marketing	3+0+0	Seçmeli	5
BA 342	Strategic Management and Business Policy	3+0+0	Seçmeli	6
BA 353	Consumer Behavior	3+0+0	Seçmeli	5
BA 362	Sales Management	3+0+0	Seçmeli	5
BA 449	Entrepreneurship and Small Business Administration	3+0+0	Seçmeli	5
BA 455	Human Resource Management	3+0+0	Seçmeli	6
BIO 102	Introduction to Biology	3+0+0	Seçmeli	6
CHEM 300	Nanoscience and Nanotechnology	2+0+2	Seçmeli	6
CHN 101	Chinese I	2+2+0	Seçmeli	5
CHN 102	Chinese II	2+2+0	Seçmeli	5
COME 108	Algorithms and Programming II	2+0+2	Seçmeli	6
COME 214	Programming Language Concepts	2+0+2	Seçmeli	5
COME 218	Data Structures and Algorithms	2+0+2	Seçmeli	6
COME 226	Computer Organization and Architecture	2+0+2	Seçmeli	5
COME 302	Information and Data Analysis	2+0+2	Seçmeli	5
COME 320	Computer Graphics with Open GL	2+0+2	Seçmeli	5
COME 342	Introduction to Software Engineering	2+0+2	Seçmeli	6
COME 346	Business Information Systems	2+0+2	Seçmeli	5
COME 404	Automata Theory and Formal Languages	3+0+0	Seçmeli	6
COME 412	Data Communications Systems	3+0+0	Seçmeli	5
COME 414	Electronic Business and Commerce Systems	3+0+0	Seçmeli	5
CONT 212	Electrical Measurements and Sensors	2+0+2	Seçmeli	5
ECON 211	Microeconomics	3+0+0	Seçmeli	5
ECON 212	Macroeconomics	3+0+0	Seçmeli	5
ECON 321	International Economics	3+0+0	Seçmeli	5
ECON 325	Economic Development	3+0+0	Seçmeli	5
EEE 418	Microprocessors and IoT	1+2+0	Seçmeli	5
FIN 442	International Financial Management	3+0+0	Seçmeli	5
FRN 101	French I	2+2+0	Seçmeli	5
FRN 102	French II	2+2+0	Seçmeli	5
GER 101	German I	2+2+0	Seçmeli	5
	German II	2+2+0	-	5
GER 102 GRD 361	User Interface Design I	2+2+0 3+0+0	Seçmeli Seçmeli	5 5
	•	3+0+0 3+0+0	•	5 5
GRD 362 IE 303	User Interface Design II	3+0+0	Seçmeli Secmeli	
	Game Theory for Engineers		Seçmeli	6
IE 304	Applications in Data Analysis	3+0+0	Seçmeli	6
IE 323	Production Systems	3+0+0	Seçmeli	6
IE 331	Facilities Planning and Design	3+0+0	Seçmeli	5
IE 351	Productivity Analysis	3+0+0	Seçmeli	6
IE 401	Mathematical Modeling	3+0+0	Seçmeli	6
IE 402	Introduction to Multicriteria Decision Making	3+0+0	Seçmeli	6
IE 403	Network Theory	3+0+0	Seçmeli	6

IE 405	Oharda anti- Mardala	2.0.0	0	0
IE 405	Stochastic Models	3+0+0	Seçmeli	6
IE 425	Computer Integrated Manufacturing	2+0+2	Seçmeli	6
IE 433	Enterprise Resource Planning	3+0+0	Seçmeli	6
IE 434	Entrepreneurship and Innovation	2+2+0	Seçmeli	6
IE 436	Supply Chain Management	3+0+0	Seçmeli	6
IE 440	Introduction to Scheduling	3+0+0	Seçmeli	6
IE 454	Strategic and Technological Planning	3+0+0	Seçmeli	6
IE 462	Lean Manufacturing	3+0+0	Seçmeli	6
IE 476	Environmental Studies	3+0+0	Seçmeli	6
INTR 213	International Logistics	3+0+0	Seçmeli	5
INTR 312	E-Commerce and E-Business	3+0+0	Seçmeli	5
INTR 354	International Marketing	3+0+0	Seçmeli	5
INTR 402	Global Business	3+0+0	Seçmeli	5
IR 114	Globalization	2+0+0	Seçmeli	4
IR 212	Diplomatic History	3+0+0	Seçmeli	5
IR 221	Diplomatic History of the Ottoman Empire	3+0+0	Seçmeli	6
IR 227	Terrorism	2+0+0	Seçmeli	5
IR 244	Contemporary Political Ideologies	3+0+0	Seçmeli	6
IR 261	International Relations Theory	3+0+0	Seçmeli	6
IR 404	Politics in China and the Far East	2+0+0	Seçmeli	5
IR 405	History and Politics of the Balkans	2+0+0	Seçmeli	5
IR 415	European Security	2+0+0	Seçmeli	5
IR 424	Ethics and International Relations	2+0+0	Seçmeli	5
IR 436	Culture and Identity in World Politics	0+2+0	Seçmeli	6
IR 464	China's Role in Globalization: Economy, Technology, Logistics	2+0+0	Seçmeli	5
IR 465	Russian and Eurasian Politics	2+0+0	Seçmeli	5
ITA 101	Italian I	2+2+0	Seçmeli	5
ITA 102	Italian II	2+2+0	Seçmeli	5
JAP 101	Japanese I	2+2+0	Seçmeli	5
JAP 102	Japanese II	2+2+0	Seçmeli	5
MATH 174	·	3+0+0	-	6
	Geometry For Engineers		Seçmeli	
MATH 250	Complex Calculus	3+0+0	Seçmeli	6
MATH 258	Partial Differential Equations	3+0+0	Seçmeli	6
MATH 354	Operational Calculus	3+0+0	Seçmeli	6
MATH 431	Introduction to Topology	0+0+0	Seçmeli	6
ME 212	Materials Science	3+0+1	Seçmeli	5
ME 264	Thermodynamics I	3+1+0	Seçmeli	5
ME 302	Experimental Engineering II	1+0+4	Seçmeli	5
ME 304	Modelling and Control of Dynamic Systems	3+0+0	Seçmeli	5
ME 322	Machine Elements I	3+1+0	Seçmeli	5
MIS 101	Introduction to Management Information Systems	2+0+0	Seçmeli	5
PHYS 112	Waves, Fluids, Thermodynamics	3+0+0	Seçmeli	6
PHYS 122	Electricity and Magnetism	2+0+2	Seçmeli	6
PHYS 223	Light and Optics	2+1+1	Seçmeli	6
PHYS 224	Modern Physics I	3+0+0	Seçmeli	6
PHYS 301	Classical Mechanics I	3+0+0	Seçmeli	6
PHYS 302	Classical Mechanics II	3+0+0	Seçmeli	6
PHYS 324	Electromagnetic Theory	3+0+0	Seçmeli	6
PHYS 325	Modern Physics II	4+0+0	Seçmeli	6
PHYS 334	Quantum Mechanics	3+0+0	Seçmeli	6
PHYS 371	Solid State Physics for Engineers	3+0+0	Seçmeli	6
PHYS 417	Cosmology	3+0+0	Seçmeli	6
PHYS 432	Computational Physics	3+0+0	Seçmeli	6
PHYS 473	Introduction to Optoelectronics and Photonics	3+0+0	Seçmeli	6
POLS 101	Introduction to Social Science	2+0+0	Seçmeli	6
POLS 102	Introduction to Political Science	2+0+0	Seçmeli	6
PSY 204	History of Psychology	3+0+0	Seçmeli	4
RUS 101	Russian I	2+2+0	Seçmeli	5
SBYO 105	Special Education and Inclusion	3+0+0	Seçmeli	4
SMR 400	Seminar	2+0+0	Seçmeli	2
SOC 100	General Sociology	3+0+0	Seçmeli	5
SOC 100	Making of the Modern World	2+0+0	Seçmeli Seçmeli	6
VTS 301	-	1+2+0	-	4
v 13 301	Volunteering Studies	17270	Seçmeli	4