



Doğuş Üniversitesi
MÜHENDİSLİK FAKÜLTESİ
ELEKTRONİK VE HABERLEŞME MÜH. (İNGİLİZCE)
ELEKTRONİK VE HABERLEŞME MÜHENDİSLİĞİ (İNGİLİZCE)

1.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
COME 107	Algorithms and Programming I	3+0+2	Zorunlu	5
DOU 101	Understanding University and Critical Thinking	1+0+0	Zorunlu	1
MATH 111	Calculus I	2+2+0	Zorunlu	6
PHYS 101	Physics I	2+0+2	Zorunlu	6
S34013	Internship	0+0+0	Zorunlu	3
TAR 203	Principles of Atatürk and Formation of Modern Turkey	4+0+0	Zorunlu	4
Uni.El. 1	University Elective (1 Piece)	-	Seçmeli	1
			Toplam AKTS	26
Gruplu Dersler				
BA 102	Introduction to Business Administration	3+0+0	Seçmeli	5
BA 202	Research Methods for Social Sciences	2+1+0	Seçmeli	6
BA 211	General Accounting	3+0+0	Seçmeli	5
BA 241	Management and Organization	3+0+0	Seçmeli	5
BA 242	Organizational Behavior	2+1+0	Seçmeli	6
BA 313	Accounting for Engineers	3+0+0	Seçmeli	4
BA 344	Human Resources Management	3+0+0	Seçmeli	6
BA 351	Marketing Management	3+0+0	Seçmeli	5
BA 352	International Marketing	3+0+0	Seçmeli	6
BA 442	Management Information Systems	3+0+0	Seçmeli	6
BA 447	Project Management	3+0+0	Seçmeli	5
BA 448	Interactive Business Skills	3+0+0	Seçmeli	6
CHN 101	Chinese I	2+2+0	Seçmeli	5
CHN 102	Chinese II	2+2+0	Seçmeli	5
CHN 103	Chinese III	2+2+0	Seçmeli	5
CHN 104	Chinese IV	2+2+0	Seçmeli	5
ECON 101	Introduction to Economics	3+0+0	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 324	Economic Development	3+0+0	Seçmeli	6
ECON 325	Economic Development	3+0+0	Seçmeli	5
ELIT 222	Utopia	2+0+0	Seçmeli	4
ELIT 291	Film as Text	2+2+0	Seçmeli	6
FA 105	Modern Art	3+0+0	Seçmeli	5
FA 305	Art Culture	3+0+0	Seçmeli	5
FRN 101	French I	2+2+0	Seçmeli	5
FRN 102	French II	2+2+0	Seçmeli	5
FRN 103	French III	2+2+0	Seçmeli	5
FRN 104	French IV	2+2+0	Seçmeli	5
GER 101	German I	2+2+0	Seçmeli	5
GER 102	German II	2+2+0	Seçmeli	5
GER 105	German V	2+2+0	Seçmeli	5
GER 106	German VI	2+2+0	Seçmeli	5
HUM 301	Mediterranean Civilizations from Antiquity to the 18. Century	2+2+0	Seçmeli	5
HUM 332	Turkish Short Story	3+0+0	Seçmeli	5
HUM 352	The West and the Rest	3+0+0	Seçmeli	5
HUM 361	Comparative History of the Eastern Mediterranean Cities	3+0+0	Seçmeli	5
HUM 372	Travel Accounts and Orientalism in the Nineteenth Century	3+0+0	Seçmeli	5
HUM 382	Utopia	3+0+0	Seçmeli	5
HUM 402	Special Topics in Social Sciences II	3+0+0	Seçmeli	5
INTR 433	Maritime Business and Port Management	3+0+0	Seçmeli	6
IR 221	Diplomatic History of the Ottoman Empire	3+0+0	Seçmeli	6
IR 227	Terrorism	2+0+0	Seçmeli	5
IR 235	Politics of Poverty	3+0+0	Seçmeli	6
IR 303	Current Issues in World Politics	3+0+0	Seçmeli	6
IR 332	International Private Law	3+0+0	Seçmeli	6
IR 342	Perspective on Globalization	3+0+0	Seçmeli	6
IR 346	Problems of Post-Communism: Central/Eastern Europe	2+0+0	Seçmeli	5
IR 366	International Organizations	3+0+0	Seçmeli	5

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 407	World Politics and Middle East	3+0+0	Seçmeli	6
IR 413	Current Issues in Turkish Politics I	3+0+0	Seçmeli	6
IR 415	European Security	2+0+0	Seçmeli	5
IR 418	Current Issues in Turkish Politics II	3+0+0	Seçmeli	6
IR 423	Contemporary Political Ideologies	3+0+0	Seçmeli	6
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
IR 466	Pressure Groups and Lobbying in International Relations	3+0+0	Seçmeli	6
ISP 101	Spanish I	2+2+0	Seçmeli	5
ISP 102	Spanish II	2+2+0	Seçmeli	5
ISP 103	Spanish III	2+2+0	Seçmeli	5
ISP 104	Spanish IV	2+2+0	Seçmeli	5
ITA 101	Italian I	2+2+0	Seçmeli	5
ITA 102	Italian II	2+2+0	Seçmeli	5
ITA 103	Italian III	2+2+0	Seçmeli	5
ITA 104	Italian IV	2+2+0	Seçmeli	5
JAP 101	Japanese I	2+2+0	Seçmeli	5
JAP 102	Japanese II	2+2+0	Seçmeli	5
JAP 103	Japanese III	2+2+0	Seçmeli	5
JAP 104	Japanese IV	2+2+0	Seçmeli	5
PHIL 311	Ethics	3+0+0	Seçmeli	5
PHIL 313	Professional Ethics	3+0+0	Seçmeli	5
POLS 101	Introduction to Social Sciences	2+0+0	Seçmeli	6
RUS 101	Russian I	2+2+0	Seçmeli	5
SOC 100	General Sociology	3+0+0	Seçmeli	5
SOC 242	Making of the Modern World	2+0+0	Seçmeli	6

2.Yarıyıl Ders Planı

Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
CEE 102	Logic Circuits	2+0+2	Zorunlu	6
CEE 104	Algebraic Methods in Electrical Engineering	2+0+2	Zorunlu	5
ENG 201	Critical Reading and Writing in English	4+0+0	Zorunlu	4
MATH 112	Calculus II	2+2+0	Zorunlu	6
S34025	Internship	0+0+0	Zorunlu	5
TÜRK 103	Critical Reading and Writing in Turkish	4+0+0	Zorunlu	4
Toplam AKTS				30

3.Yarıyıl Ders Planı

Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
CEE 201	Electrical Circuits	3+0+2	Zorunlu	5
CEE 203	Numerical Methods in Electrical Engineering	3+0+0	Zorunlu	5
CEE 231	Digital Design	2+0+2	Zorunlu	5
CEE 241	Electromagnetic Fields	3+0+0	Zorunlu	5
EEE 303	Principles of Electrical Engineering	3+0+0	Zorunlu	5
MATH 214	Differential Equations	2+2+0	Zorunlu	6
S34034	Internship	0+0+0	Zorunlu	4
Toplam AKTS				35

4.Yarıyıl Ders Planı

Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
CEE 202	Introduction to Control Systems	3+0+0	Zorunlu	5
CEE 222	Electronic Circuits I	3+0+2	Zorunlu	5
CEE 232	Discrete Time Signals and Systems	3+0+0	Zorunlu	5
CEE 234	Microprocessor Systems	2+0+2	Zorunlu	5
CEE 244	Electromagnetic Waves	3+0+0	Zorunlu	5
Dep.EI.4	Departmental Elective (1 Piece)	-	Seçmeli	1
Toplam AKTS				26

Gruplu Dersler

CEE 401	Computational Methods in Electrical Engineering	3+0+0	Seçmeli	5
CEE 413	Noise in Communication	3+0+0	Seçmeli	5
CEE 414	Computer Communication Networks	3+0+0	Seçmeli	5
CEE 415	Fiber Optic Communication Systems	3+0+0	Seçmeli	6
CEE 416	Radar and Sensing Systems	3+0+0	Seçmeli	5
CEE 417	Communication Systems	3+0+0	Seçmeli	5
CEE 422	RF Microelectronics	3+0+0	Seçmeli	5

CEE 423	Digital Electronic Circuits	3+0+0	Seçmeli	5
CEE 424	VLSI Circuit Design	3+0+0	Seçmeli	5
CEE 425	Advanced Electronics: Laboratory and Applications	2+0+2	Seçmeli	5
CEE 426	Microelectronic Analog Circuit Design	3+0+0	Seçmeli	5
CEE 431	Digital Filters and Systems	3+0+0	Seçmeli	5
CEE 432	Image Processing Fundamentals	3+0+0	Seçmeli	5
CEE 433	Network Security and Vulnerability Management	3+0+0	Seçmeli	5
CEE 434	Artificial Neural Networks	3+0+0	Seçmeli	5
CEE 451	Electromagnetic Compability	3+0+0	Seçmeli	5
CEE 453	Lightning and Indoor Installation	3+0+0	Seçmeli	5
CEE 466	Energy Distribution	3+0+0	Seçmeli	5
CEE 468	Industrial Electronics	3+0+0	Seçmeli	5
COME 226	Computer Organization and Architecture	2+0+2	Seçmeli	5
COME 342	Introduction to Software Engineering	2+0+2	Seçmeli	6
COME 345	Information Systems Analysis and Design	2+0+2	Seçmeli	5
COME 381	Database Systems	2+0+2	Seçmeli	5
IE 405	Stochastic Models	3+0+0	Seçmeli	6

5.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
CEE 301	Probability, Statistics and Stochastic Processes	3+0+0	Zorunlu	5
CEE 311	Analog Communication	3+0+2	Zorunlu	6
CEE 321	Electronic Circuits II	3+0+2	Zorunlu	6
CEE 331	Digital Signal Processing	2+0+2	Zorunlu	5
S34052	Internship	0+0+0	Zorunlu	2
Sci.El.5	Science Elective (1 Piece)	-	Seçmeli	1
Toplam AKTS				25
Gruplu Dersler				
CHEM 101	Chemistry	2+0+2	Seçmeli	5
CHEM 300	Nanoscience and Nanotechnology	2+0+2	Seçmeli	6
MATH 134	Discrete Mathematics	3+0+0	Seçmeli	4
MATH 172	Introductory Geometry	3+0+0	Seçmeli	6
MATH 254	Complex Calculus	4+0+0	Seçmeli	8
MATH 256	Partial Differential Equations	4+0+0	Seçmeli	6
PHYS 223	Light and Optics	2+1+1	Seçmeli	6
PHYS 325	Modern Physics II	4+0+0	Seçmeli	6
PHYS 371	Solid State Physics for Engineers	3+0+0	Seçmeli	6

6.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
CEE 306	Introduction to Electrical Energy Systems	3+0+0	Zorunlu	4
CEE 312	Digital Communication	3+0+2	Zorunlu	5
CEE 342	MW, Antennas and Propagation	3+0+0	Zorunlu	5
PHYS 224	Modern Physics I	3+0+0	Zorunlu	6
Fac.El.6	Faculty Elective (1 Piece)	-	Seçmeli	1
Uni.El.6	University Elective (1 Piece)	-	Seçmeli	1
Toplam AKTS				22
Gruplu Dersler				
ALM 102	German II	2+2+0	Seçmeli	5
BA 102	Introduction to Business Administration	3+0+0	Seçmeli	5
BA 202	Research Methods for Social Sciences	2+1+0	Seçmeli	6
BA 211	General Accounting	3+0+0	Seçmeli	5
BA 241	Management and Organization	3+0+0	Seçmeli	5
BA 242	Organizational Behavior	2+1+0	Seçmeli	6
BA 313	Accounting for Engineers	3+0+0	Seçmeli	4
BA 344	Human Resources Management	3+0+0	Seçmeli	6
BA 351	Marketing Management	3+0+0	Seçmeli	5
BA 352	International Marketing	3+0+0	Seçmeli	6
BA 442	Management Information Systems	3+0+0	Seçmeli	6
BA 447	Project Management	3+0+0	Seçmeli	5
BA 448	Interactive Business Skills	3+0+0	Seçmeli	6
CEE 313	Signals and Systems	2+2+0	Seçmeli	5
CEE 441	Managerial Decision Making for Engineers	3+0+0	Seçmeli	5
CHN 101	Chinese I	2+2+0	Seçmeli	5
CHN 102	Chinese II	2+2+0	Seçmeli	5
CHN 103	Chinese III	2+2+0	Seçmeli	5
CHN 104	Chinese IV	2+2+0	Seçmeli	5
COME 207	Advanced Object Oriented Programming	2+0+2	Seçmeli	5
COME 211	Discrete Computational Structures	3+0+0	Seçmeli	5

COME 214	Programming Language Concepts	2+0+2	Seçmeli	5
COME 218	Data Structures and Algorithms	2+0+2	Seçmeli	6
CONT 212	Electrical Measurements and Sensors	2+0+2	Seçmeli	5
ECON 101	Introduction to Economics	3+0+0	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 324	Economic Development	3+0+0	Seçmeli	6
ELIT 222	Utopia	2+0+0	Seçmeli	4
ELIT 291	Film as Text	2+2+0	Seçmeli	6
ESCI 107	Science,Technology and Society	3+0+0	Seçmeli	5
FA 105	Modern Art	3+0+0	Seçmeli	5
FA 305	Art Culture	3+0+0	Seçmeli	5
FRN 101	French I	2+2+0	Seçmeli	5
FRN 102	French II	2+2+0	Seçmeli	5
FRN 103	French III	2+2+0	Seçmeli	5
FRN 104	French IV	2+2+0	Seçmeli	5
GER 101	German I	2+2+0	Seçmeli	5
GER 102	German II	2+2+0	Seçmeli	5
GER 105	German V	2+2+0	Seçmeli	5
GER 106	German VI	2+2+0	Seçmeli	5
HUM 301	Mediterranean Civilizations from Antiquity to the 18. Century	2+2+0	Seçmeli	5
HUM 332	Turkish Short Story	3+0+0	Seçmeli	5
HUM 352	The West and the Rest	3+0+0	Seçmeli	5
HUM 361	Comparative History of the Eastern Mediterranean Cities	3+0+0	Seçmeli	5
HUM 372	Travel Accounts and Orientalism in the Nineteenth Century	3+0+0	Seçmeli	5
HUM 382	Utopia	3+0+0	Seçmeli	5
HUM 402	Special Topics in Social Sciences II	3+0+0	Seçmeli	5
IE 301	Operations Research I	2+2+0	Seçmeli	6
IE 302	Operations Research II	2+2+0	Seçmeli	6
IE 303	Game Theory for Engineers	3+0+0	Seçmeli	6
IE 304	Applications in Data Analysis	3+0+0	Seçmeli	6
IE 335	Total Quality Management	3+0+0	Seçmeli	5
IE 362	Engineering Economy	3+0+0	Seçmeli	4
IE 401	Mathematical Modeling	3+0+0	Seçmeli	6
IE 406	Systems Simulation	2+2+0	Seçmeli	6
IE 425	Computer Integrated Manufacturing	2+0+2	Seçmeli	6
IE 438	Product and Process Development	3+0+0	Seçmeli	6
IE 476	Environmental Studies	3+0+0	Seçmeli	6
INTR 433	Maritime Business and Port Management	3+0+0	Seçmeli	6
IR 221	Diplomatic History of the Ottoman Empire	3+0+0	Seçmeli	6
IR 227	Terrorism	2+0+0	Seçmeli	5
IR 235	Politics of Poverty	3+0+0	Seçmeli	6
IR 303	Current Issues in World Politics	3+0+0	Seçmeli	6
IR 332	International Private Law	3+0+0	Seçmeli	6
IR 342	Perspective on Globalization	3+0+0	Seçmeli	6
IR 346	Problems of Post-Communism: Central/Eastern Europe	2+0+0	Seçmeli	5
IR 366	International Organizations	3+0+0	Seçmeli	5
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 407	World Politics and Middle East	3+0+0	Seçmeli	6
IR 413	Current Issues in Turkish Politics I	3+0+0	Seçmeli	6
IR 415	European Security	2+0+0	Seçmeli	5
IR 418	Current Issues in Turkish Politics II	3+0+0	Seçmeli	6
IR 423	Contemporary Political Ideologies	3+0+0	Seçmeli	6
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
IR 466	Pressure Groups and Lobbying in International Relations	3+0+0	Seçmeli	6
ISE 404	Electronic Business and Commerce Systems	3+0+0	Seçmeli	5
ISP 101	Spanish I	2+2+0	Seçmeli	5
ISP 102	Spanish II	2+2+0	Seçmeli	5
ISP 103	Spanish III	2+2+0	Seçmeli	5
ISP 104	Spanish IV	2+2+0	Seçmeli	5
ITA 101	Italian I	2+2+0	Seçmeli	5
ITA 102	Italian II	2+2+0	Seçmeli	5
ITA 103	Italian III	2+2+0	Seçmeli	5
ITA 104	Italian IV	2+2+0	Seçmeli	5

JAP 101	Japanese I	2+2+0	Seçmeli	5
JAP 102	Japanese II	2+2+0	Seçmeli	5
JAP 103	Japanese III	2+2+0	Seçmeli	5
JAP 104	Japanese IV	2+2+0	Seçmeli	5
MATH 258	Partial Differential Equations	3+0+0	Seçmeli	6
ME 103	Computer Aided Engineering Graphics	2+0+2	Seçmeli	5
PHIL 311	Ethics	3+0+0	Seçmeli	5
POLS 101	Introduction to Social Sciences	2+0+0	Seçmeli	6
RUS 101	Russian I	2+2+0	Seçmeli	5
RUS 102	Russian II	2+2+0	Seçmeli	5
SOC 100	General Sociology	3+0+0	Seçmeli	5
SOC 242	Making of the Modern World	2+0+0	Seçmeli	6

7.Yarıyıl Ders Planı

Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
CEE 411	Wireless Communication	3+0+0	Zorunlu	5
CEE 421	Communication Electronic Circuits	3+0+0	Zorunlu	5
COME 411	Computer Networks	3+0+0	Zorunlu	5
EF 403	Ethics and Occupational Safety in Engineering	0+2+0	Zorunlu	1
S34073	Internship	0+0+0	Zorunlu	3
Dep.El.7	Departmental Elective (2 Piece)	-	Seçmeli	1
Sci.El.7	Science Elective (1 Piece)	-	Seçmeli	1

Toplam AKTS

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Gruplu Dersler

CEE 401	Computational Methods in Electrical Engineering	3+0+0	Seçmeli	5
CEE 413	Noise in Communication	3+0+0	Seçmeli	5
CEE 414	Computer Communication Networks	3+0+0	Seçmeli	5
CEE 415	Fiber Optic Communication Systems	3+0+0	Seçmeli	6
CEE 416	Radar and Sensing Systems	3+0+0	Seçmeli	5
CEE 417	Communication Systems	3+0+0	Seçmeli	5
CEE 422	RF Microelectronics	3+0+0	Seçmeli	5
CEE 423	Digital Electronic Circuits	3+0+0	Seçmeli	5
CEE 424	VLSI Circuit Design	3+0+0	Seçmeli	5
CEE 425	Advanced Electronics: Laboratory and Applications	2+0+2	Seçmeli	5
CEE 426	Microelectronic Analog Circuit Design	3+0+0	Seçmeli	5
CEE 431	Digital Filters and Systems	3+0+0	Seçmeli	5
CEE 432	Image Processing Fundamentals	3+0+0	Seçmeli	5
CEE 433	Network Security and Vulnerability Management	3+0+0	Seçmeli	5
CEE 434	Artificial Neural Networks	3+0+0	Seçmeli	5
CEE 451	Electromagnetic Compability	3+0+0	Seçmeli	5
CEE 453	Lightning and Indoor Installation	3+0+0	Seçmeli	5
CEE 466	Energy Distribution	3+0+0	Seçmeli	5
CEE 468	Industrial Electronics	3+0+0	Seçmeli	5
CHEM 101	Chemistry	2+0+2	Seçmeli	5
CHEM 300	Nanoscience and Nanotechnology	2+0+2	Seçmeli	6
COME 226	Computer Organization and Architecture	2+0+2	Seçmeli	5
COME 342	Introduction to Software Engineering	2+0+2	Seçmeli	6
COME 345	Information Systems Analysis and Design	2+0+2	Seçmeli	5
COME 381	Database Systems	2+0+2	Seçmeli	5
IE 405	Stochastic Models	3+0+0	Seçmeli	6
MATH 134	Discrete Mathematics	3+0+0	Seçmeli	4
MATH 172	Introductory Geometry	3+0+0	Seçmeli	6
MATH 254	Complex Calculus	4+0+0	Seçmeli	8
MATH 256	Partial Differential Equations	4+0+0	Seçmeli	6
PHYS 223	Light and Optics	2+1+1	Seçmeli	6
PHYS 325	Modern Physics II	4+0+0	Seçmeli	6
PHYS 371	Solid State Physics for Engineers	3+0+0	Seçmeli	6

8.Yarıyıl Ders Planı

Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
CEE 492	Graduation Project	0+8+0	Zorunlu	9
Dep.El.8	Departmental Elective (2 Piece)	-	Seçmeli	1
Fac.El.8	Faculty Elective (1 Piece)	-	Seçmeli	1
Sci.El.8	Science Elective (1 Piece)	-	Seçmeli	1

Toplam AKTS

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Gruplu Dersler

CEE 313	Signals and Systems	2+2+0	Seçmeli	5
CEE 401	Computational Methods in Electrical Engineering	3+0+0	Seçmeli	5
CEE 413	Noise in Communication	3+0+0	Seçmeli	5

CEE 414	Computer Communication Networks	3+0+0	Seçmeli	5
CEE 415	Fiber Optic Communication Systems	3+0+0	Seçmeli	6
CEE 416	Radar and Sensing Systems	3+0+0	Seçmeli	5
CEE 417	Communication Systems	3+0+0	Seçmeli	5
CEE 422	RF Microelectronics	3+0+0	Seçmeli	5
CEE 423	Digital Electronic Circuits	3+0+0	Seçmeli	5
CEE 424	VLSI Circuit Design	3+0+0	Seçmeli	5
CEE 425	Advanced Electronics: Laboratory and Applications	2+0+2	Seçmeli	5
CEE 426	Microelectronic Analog Circuit Design	3+0+0	Seçmeli	5
CEE 431	Digital Filters and Systems	3+0+0	Seçmeli	5
CEE 432	Image Processing Fundamentals	3+0+0	Seçmeli	5
CEE 433	Network Security and Vulnerability Management	3+0+0	Seçmeli	5
CEE 434	Artificial Neural Networks	3+0+0	Seçmeli	5
CEE 441	Managerial Decision Making for Engineers	3+0+0	Seçmeli	5
CEE 451	Electromagnetic Compability	3+0+0	Seçmeli	5
CEE 453	Lightning and Indoor Installation	3+0+0	Seçmeli	5
CEE 466	Energy Distribution	3+0+0	Seçmeli	5
CEE 468	Industrial Electronics	3+0+0	Seçmeli	5
CHEM 101	Chemistry	2+0+2	Seçmeli	5
CHEM 300	Nanoscience and Nanotechnology	2+0+2	Seçmeli	6
COME 207	Advanced Object Oriented Programming	2+0+2	Seçmeli	5
COME 211	Discrete Computational Structures	3+0+0	Seçmeli	5
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 342	Introduction to Software Engineering	2+0+2	Seçmeli	6
COME 345	Information Systems Analysis and Design	2+0+2	Seçmeli	5
COME 381	Database Systems	2+0+2	Seçmeli	5
CONT 212	Electrical Measurements and Sensors	2+0+2	Seçmeli	5
ESCI 107	Science,Technology and Society	3+0+0	Seçmeli	5
IE 301	Operations Research I	2+2+0	Seçmeli	6
IE 302	Operations Research II	2+2+0	Seçmeli	6
IE 303	Game Theory for Engineers	3+0+0	Seçmeli	6
IE 304	Applications in Data Analysis	3+0+0	Seçmeli	6
IE 335	Total Quality Management	3+0+0	Seçmeli	5
IE 362	Engineering Economy	3+0+0	Seçmeli	4
IE 401	Mathematical Modeling	3+0+0	Seçmeli	6
IE 405	Stochastic Models	3+0+0	Seçmeli	6
IE 406	Systems Simulation	2+2+0	Seçmeli	6
IE 425	Computer Integrated Manufacturing	2+0+2	Seçmeli	6
IE 438	Product and Process Development	3+0+0	Seçmeli	6
IE 476	Environmental Studies	3+0+0	Seçmeli	6
ISE 404	Electronic Business and Commerce Systems	3+0+0	Seçmeli	5
MATH 134	Discrete Mathematics	3+0+0	Seçmeli	4
MATH 172	Introductory Geometry	3+0+0	Seçmeli	6
MATH 254	Complex Calculus	4+0+0	Seçmeli	8
MATH 256	Partial Differential Equations	4+0+0	Seçmeli	6
ME 103	Computer Aided Engineering Graphics	2+0+2	Seçmeli	5
PHYS 223	Light and Optics	2+1+1	Seçmeli	6
PHYS 325	Modern Physics II	4+0+0	Seçmeli	6

SEÇMELİ DERSLER HAVUZU

ALM 102	German II	2+2+0	Seçmeli	5
BA 102	Introduction to Business Administration	3+0+0	Seçmeli	5
BA 202	Research Methods for Social Sciences	2+1+0	Seçmeli	6
BA 211	General Accounting	3+0+0	Seçmeli	5
BA 241	Management and Organization	3+0+0	Seçmeli	5
BA 242	Organizational Behavior	2+1+0	Seçmeli	6
BA 313	Accounting for Engineers	3+0+0	Seçmeli	4
BA 344	Human Resources Management	3+0+0	Seçmeli	6
BA 351	Marketing Management	3+0+0	Seçmeli	5
BA 352	International Marketing	3+0+0	Seçmeli	6
BA 442	Management Information Systems	3+0+0	Seçmeli	6
BA 447	Project Management	3+0+0	Seçmeli	5
BA 448	Interactive Business Skills	3+0+0	Seçmeli	6
CEE 313	Signals and Systems	2+2+0	Seçmeli	5
CEE 401	Computational Methods in Electrical Engineering	3+0+0	Seçmeli	5
CEE 413	Noise in Communication	3+0+0	Seçmeli	5

CEE 414	Computer Communication Networks	3+0+0	Seçmeli	5
CEE 415	Fiber Optic Communication Systems	3+0+0	Seçmeli	6
CEE 416	Radar and Sensing Systems	3+0+0	Seçmeli	5
CEE 417	Communication Systems	3+0+0	Seçmeli	5
CEE 422	RF Microelectronics	3+0+0	Seçmeli	5
CEE 423	Digital Electronic Circuits	3+0+0	Seçmeli	5
CEE 424	VLSI Circuit Design	3+0+0	Seçmeli	5
CEE 425	Advanced Electronics: Laboratory and Applications	2+0+2	Seçmeli	5
CEE 426	Microelectronic Analog Circuit Design	3+0+0	Seçmeli	5
CEE 431	Digital Filters and Systems	3+0+0	Seçmeli	5
CEE 432	Image Processing Fundamentals	3+0+0	Seçmeli	5
CEE 433	Network Security and Vulnerability Management	3+0+0	Seçmeli	5
CEE 434	Artificial Neural Networks	3+0+0	Seçmeli	5
CEE 441	Managerial Decision Making for Engineers	3+0+0	Seçmeli	5
CEE 451	Electromagnetic Compability	3+0+0	Seçmeli	5
CEE 453	Lightning and Indoor Installation	3+0+0	Seçmeli	5
CEE 466	Energy Distribution	3+0+0	Seçmeli	5
CEE 468	Industrial Electronics	3+0+0	Seçmeli	5
CHEM 101	Chemistry	2+0+2	Seçmeli	5
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
CHN 103	Chinese III	2+2+0	Seçmeli	5
CHN 104	Chinese IV	2+2+0	Seçmeli	5
COME 207	Advanced Object Oriented Programming	2+0+2	Seçmeli	5
COME 211	Discrete Computational Structures	3+0+0	Seçmeli	5
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 342	Introduction to Software Engineering	2+0+2	Seçmeli	6
COME 345	Information Systems Analysis and Design	2+0+2	Seçmeli	5
COME 381	Database Systems	2+0+2	Seçmeli	5
CONT 212	Electrical Measurements and Sensors	2+0+2	Seçmeli	5
ECON 101	Introduction to Economics	3+0+0	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 324	Economic Development	3+0+0	Seçmeli	6
ECON 325	Economic Development	3+0+0	Seçmeli	5
ELIT 222	Utopia	2+0+0	Seçmeli	4
ELIT 291	Film as Text	2+2+0	Seçmeli	6
ESCI 107	Science,Technology and Society	3+0+0	Seçmeli	5
FA 105	Modern Art	3+0+0	Seçmeli	5
FA 305	Art Culture	3+0+0	Seçmeli	5
FRN 101	French I	2+2+0	Seçmeli	5
FRN 102	French II	2+2+0	Seçmeli	5
FRN 103	French III	2+2+0	Seçmeli	5
FRN 104	French IV	2+2+0	Seçmeli	5
GER 101	German I	2+2+0	Seçmeli	5
GER 102	German II	2+2+0	Seçmeli	5
GER 105	German V	2+2+0	Seçmeli	5
GER 106	German VI	2+2+0	Seçmeli	5
HUM 301	Mediterranean Civilizations from Antiquity to the 18. Century	2+2+0	Seçmeli	5
HUM 332	Turkish Short Story	3+0+0	Seçmeli	5
HUM 352	The West and the Rest	3+0+0	Seçmeli	5
HUM 361	Comparative History of the Eastern Mediterranean Cities	3+0+0	Seçmeli	5
HUM 372	Travel Accounts and Orientalism in the Nineteenth Century	3+0+0	Seçmeli	5
HUM 382	Utopia	3+0+0	Seçmeli	5
HUM 402	Special Topics in Social Sciences II	3+0+0	Seçmeli	5
IE 301	Operations Research I	2+2+0	Seçmeli	6
IE 302	Operations Research II	2+2+0	Seçmeli	6
IE 303	Game Theory for Engineers	3+0+0	Seçmeli	6
IE 304	Applications in Data Analysis	3+0+0	Seçmeli	6
IE 335	Total Quality Management	3+0+0	Seçmeli	5
IE 362	Engineering Economy	3+0+0	Seçmeli	4
IE 401	Mathematical Modeling	3+0+0	Seçmeli	6
IE 405	Stochastic Models	3+0+0	Seçmeli	6
IE 406	Systems Simulation	2+2+0	Seçmeli	6
IE 425	Computer Integrated Manufacturing	2+0+2	Seçmeli	6

IE 438	Product and Process Development	3+0+0	Seçmeli	6
IE 476	Environmental Studies	3+0+0	Seçmeli	6
INTR 433	Maritime Business and Port Management	3+0+0	Seçmeli	6
IR 221	Diplomatic History of the Ottoman Empire	3+0+0	Seçmeli	6
IR 227	Terrorism	2+0+0	Seçmeli	5
IR 235	Politics of Poverty	3+0+0	Seçmeli	6
IR 303	Current Issues in World Politics	3+0+0	Seçmeli	6
IR 332	International Private Law	3+0+0	Seçmeli	6
IR 342	Perspective on Globalization	3+0+0	Seçmeli	6
IR 346	Problems of Post-Communism: Central/Eastern Europe	2+0+0	Seçmeli	5
IR 366	International Organizations	3+0+0	Seçmeli	5
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 407	World Politics and Middle East	3+0+0	Seçmeli	6
IR 413	Current Issues in Turkish Politics I	3+0+0	Seçmeli	6
IR 415	European Security	2+0+0	Seçmeli	5
IR 418	Current Issues in Turkish Politics II	3+0+0	Seçmeli	6
IR 423	Contemporary Political Ideologies	3+0+0	Seçmeli	6
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
IR 466	Pressure Groups and Lobbying in International Relations	3+0+0	Seçmeli	6
ISE 404	Electronic Business and Commerce Systems	3+0+0	Seçmeli	5
ISP 101	Spanish I	2+2+0	Seçmeli	5
ISP 102	Spanish II	2+2+0	Seçmeli	5
ISP 103	Spanish III	2+2+0	Seçmeli	5
ISP 104	Spanish IV	2+2+0	Seçmeli	5
ITA 101	Italian I	2+2+0	Seçmeli	5
ITA 102	Italian II	2+2+0	Seçmeli	5
ITA 103	Italian III	2+2+0	Seçmeli	5
ITA 104	Italian IV	2+2+0	Seçmeli	5
JAP 101	Japanese I	2+2+0	Seçmeli	5
JAP 102	Japanese II	2+2+0	Seçmeli	5
JAP 103	Japanese III	2+2+0	Seçmeli	5
JAP 104	Japanese IV	2+2+0	Seçmeli	5
MATH 134	Discrete Mathematics	3+0+0	Seçmeli	4
MATH 172	Introductory Geometry	3+0+0	Seçmeli	6
MATH 254	Complex Calculus	4+0+0	Seçmeli	8
MATH 256	Partial Differential Equations	4+0+0	Seçmeli	6
MATH 258	Partial Differential Equations	3+0+0	Seçmeli	6
ME 103	Computer Aided Engineering Graphics	2+0+2	Seçmeli	5
PHIL 311	Ethics	3+0+0	Seçmeli	5
PHIL 313	Professional Ethics	3+0+0	Seçmeli	5
PHYS 223	Light and Optics	2+1+1	Seçmeli	6
PHYS 325	Modern Physics II	4+0+0	Seçmeli	6
PHYS 371	Solid State Physics for Engineers	3+0+0	Seçmeli	6
POLS 101	Introduction to Social Sciences	2+0+0	Seçmeli	6
RUS 101	Russian I	2+2+0	Seçmeli	5
RUS 102	Russian II	2+2+0	Seçmeli	5
SOC 100	General Sociology	3+0+0	Seçmeli	5
SOC 242	Making of the Modern World	2+0+0	Seçmeli	6