Doğuş Üniversitesi
MÜHENDİSLİK FAKÜLTESİ
BİLİŞİM SİSTEMLERİ MÜHENDİSLİĞİ (İNGİLİZCE)
BİLİŞİM SİSTEMLERİ MÜHENDİSLİĞİ (İNGİLİZCE)

1.Yarıyıl Ders Planı

Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
COME 001	Internship I	0+0+0	Zorunlu	1
COME 107	Algorithms and Programming I	3+0+2	Zorunlu	5
CRP 101	Career Planning	1+0+0	Zorunlu	2
DOU 101	Understanding University and Critical Thinking	1+0+0	Zorunlu	1
ENG 201	Critical Reading and Writing in English	4+0+0	Zorunlu	4
MATH 111	Calculus I	2+2+0	Zorunlu	6
MATH 213	Linear Algebra	3+0+0	Zorunlu	5
PHYS 101	Physics I	2+0+2	Zorunlu	6
			Toplam AKTS	30

2.Yarıyıl Ders Planı

Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
COME 002	Internship II	0+0+0	Zorunlu	2
COME 108	Algorithms and Programming II	2+0+2	Zorunlu	6
EEE 102	Logic Circuits	2+0+2	Zorunlu	6
ENG 400	Business English	2+0+0	Zorunlu	4
MATH 112	Calculus II	2+2+0	Zorunlu	6
PHYS 102	Physics II	2+0+2	Zorunlu	6
			Toplam AKTS	30

3.Yarıyıl Ders Planı

Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
COME 207	Advanced Object Oriented Programming	2+0+2	Zorunlu	5
COME 211	Discrete Computational Structures	3+0+0	Zorunlu	5
EEE 201	Electrical Circuits	3+0+2	Zorunlu	5
EEE 231	Digital Design	2+0+2	Zorunlu	5
MATH 214	Differential Equations	2+2+0	Zorunlu	6
TÜRK 103	Critical Reading and Writing in Turkish	4+0+0	Zorunlu	4
			Toplam AKTS	30

4.Yarıyıl Ders Planı

Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
COME 003	Internship III	0+0+0	Zorunlu	3
COME 214	Programming Language Concepts	2+0+2	Zorunlu	5
COME 218	Data Structures and Algorithms	2+0+2	Zorunlu	6
COME 226	Computer Organization and Architecture	2+0+2	Zorunlu	5
EEE 222	Electronic Circuits I	3+0+2	Zorunlu	5
STAT 208	Basic Engineering Probability and Statistics	2+2+0	Zorunlu	6
			Toplam AKTS	30

5.Yarıyıl Ders Planı

Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
COME 004	Internship IV	0+0+0	Zorunlu	3
COME 327	Microprocessors and Microcontrollers	2+0+2	Zorunlu	5
COME 361	Operating Systems	2+0+2	Zorunlu	6
COME 381	Database Systems	2+0+2	Zorunlu	5
EF 403	Ethics and Occupational Safety in Engineering	0+2+0	Zorunlu	1
SEC I	Departmental Elective	-	Seçmeli	5
SEC II	Faculty Elective	-	Seçmeli	5
			Toplam AKTS	30
	Gruplu Dersler			
COME 305	Multimedia Systems	2+0+2	Seçmeli	5
COME 311	Linux System Administration and Programming	2+0+2	Seçmeli	5
COME 313	Distributed Databases	2+0+2	Seçmeli	5
COME 317	Engineering Applications with MATLAB	2+0+2	Seçmeli	5
COME 319	Decision Making Analysis	3+0+0	Seçmeli	5
COME 335	Mobile Application Development	2+0+2	Seçmeli	5
COME 339	Advanced Java Applications	2+0+2	Seçmeli	5
COME 347	Software Requirements Management	3+0+2	Seçmeli	5

COME 355	Analysis of Algorithms	2+0+2	Seçmeli	5
COME 373	Web Programming	2+0+2	Seçmeli	5
COME 401	Data Warehousing and Mining	2+0+2	Seçmeli	6
COME 439	Computer Graphics	2+0+2	Seçmeli	5
COME 441	Object Oriented System Development	2+0+2	Seçmeli	5
COME 447	Knowledge Based Systems	2+0+2	Seçmeli	5
COME 493	Fuzzy-System and Neural-Network Computing	3+0+2	Seçmeli	5
CONT 315	Motion Control Systems	3+0+0	Seçmeli	6
CONT 317	Modelling and Simulation in Control Engineering	3+0+0	Seçmeli	5
CONT 323	Fundamentals of Adaptive Control Theory	3+0+0	Seçmeli	6
CONT 411	Introduction to Robotics	3+0+0	Seçmeli	5
EEE 313	Signals and Systems	2+2+0	Seçmeli	5
IE 301	Operations Research I	2+2+0	Seçmeli	6
IE 303	Game Theory for Engineers	3+0+0	Seçmeli	6
IE 333	Production Planning and Control I	3+0+0	Seçmeli	5
IE 335	Total Quality Management	3+0+0	Seçmeli	5
IE 351	Productivity Analysis	0+0+0	Seçmeli	6
IE 401	Mathematical Modeling	3+0+0	Seçmeli	6
IE 403	Network Theory	3+0+0	Seçmeli	6
IE 406	Systems Simulation	2+2+0	Seçmeli	6
IE 433	Enterprise Resource Planning	3+0+0	Seçmeli	6
IE 438	Product and Process Development	3+0+0	Seçmeli	6
ME 103	Computer Aided Engineering Graphics	2+0+2	Seçmeli	5
ME 241	Statics	2+2+0	Seçmeli	5
ME 301	Experimental Engineering I	1+0+4	Seçmeli	5
ME 345	Strength of Materials	3+1+0	Seçmeli	5
ME 351	Fluid Mechanics I	3+1+0	Seçmeli	5
ME 435	Mechatronics	3+0+0	Seçmeli	6

6.Yarıyıl Ders Planı				
Ders Kodu	**Ders Adı**	**T+U+L**	**Zorunlu/Seçmeli**	**AKTS**
COME 342	Introduction to Software Engineering	2+0+2	Zorunlu	6
EEE 232	Discrete Time Signals and Systems	3+0+0	Zorunlu	5
TAR 203	Principles of Atatürk and Formation of Modern Turkey	4+0+0	Zorunlu	4
SEC IV	Faculty Elective	-	Seçmeli	5
SEC III	Departmental Elective (2 Pieces)	-	Seçmeli	10
			Toplam AKTS	**30**
Gruplu Dersler				
COME 302	Information and Data Analysis	2+0+2	Seçmeli	5
COME 304	Numerical Methods	3+0+0	Seçmeli	5
COME 316	GUI Development with .NET Technologies	2+0+2	Seçmeli	5
COME 320	Computer Graphics with Open GL	2+0+2	Seçmeli	5
COME 334	Rapid Application Devel. with Microsoft .NET Framework	2+0+2	Seçmeli	5
COME 336	Interface Design for Software Engineers	2+0+2	Seçmeli	5
COME 345	Information Systems Analysis and Design	2+0+2	Seçmeli	5
COME 346	Business Information Systems	2+0+2	Seçmeli	5
COME 412	Data Communications Systems	3+0+0	Seçmeli	5
COME 414	Electronic Business and Commerce Systems	3+0+0	Seçmeli	5
COME 436	Digital Image Processing	2+0+2	Seçmeli	5
COME 444	Artificial Intelligence	3+0+2	Seçmeli	5
COME 448	Data Mining and Knowledge Discovery	2+0+2	Seçmeli	5
COME 450	Distributed Systems	3+0+0	Seçmeli	5
COME 472	Internet and Web Technologies	2+0+2	Seçmeli	5
CONT 212	Electrical Measurements and Sensors	2+0+2	Seçmeli	5
CONT 322	Process Control	3+0+0	Seçmeli	6
CONT 422	Building Automation	3+0+0	Seçmeli	6
CONT 428	Robot Technology	3+0+0	Seçmeli	6
IE 252	Work Study and Ergonomics	2+2+0	Seçmeli	6
IE 302	Operations Research II	2+2+0	Seçmeli	6
IE 304	Applications in Data Analysis	3+0+0	Seçmeli	6
IE 402	Introduction to Multicriteria Decision Making	3+0+0	Seçmeli	6
IE 405	Stochastic Models	3+0+0	Seçmeli	6
IE 425	Computer Integrated Manufacturing	2+0+2	Seçmeli	6
IE 434	Entrepreneurship and Innovation	2+2+0	Seçmeli	6
IE 436	Supply Chain Management	3+0+0	Seçmeli	6
IE 452	Industrial Psychology	3+0+0	Seçmeli	6
IE 454	Strategic and Technological Planning	3+0+0	Seçmeli	6
IE 476	Environmental Studies	3+0+0	Seçmeli	6
ME 212	Materials Science	3+0+1	Seçmeli	5

Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
ME 264	Thermodynamics I	3+1+0	Seçmeli	5
ME 302	Experimental Engineering II	1+0+4	Seçmeli	5
ME 322	Machine Elements I	3+1+0	Seçmeli	5
ME 332	Manufacturing Technology	3+0+0	Seçmeli	5

7.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
COME 411	Computer Networks	3+0+0	Zorunlu	5
COME 435	Control Systems Engineering	2+0+2	Zorunlu	4
COME 491	Research Project	1+2+0	Zorunlu	5
SEC V	University Elective	-	Seçmeli	5
SEC VI	Science Elective	-	Seçmeli	6
SEC VII	Departmental Elective	-	Seçmeli	5
			Toplam AKTS	**30**

Gruplu Dersler				
BA 211	General Accounting	3+0+0	Seçmeli	5
BA 241	Management and Organization	3+0+0	Seçmeli	5
BA 353	Consumer Behavior	3+0+0	Seçmeli	5
BA 455	Human Resource Management	3+0+0	Seçmeli	6
BA 463	Innovation Management	2+1+0	Seçmeli	5
CHEM 101	Chemistry	2+0+2	Seçmeli	5
CHEM 300	Nanoscience and Technology	2+0+2	Seçmeli	6
CHN 101	Chinese I	2+2+0	Seçmeli	5
COME 305	Multimedia Systems	2+0+2	Seçmeli	5
COME 311	Linux System Administration and Programming	2+0+2	Seçmeli	5
COME 313	Distributed Databases	2+0+2	Seçmeli	5
COME 317	Engineering Applications with MATLAB	2+0+2	Seçmeli	5
COME 319	Decision Making Analysis	3+0+0	Seçmeli	5
COME 335	Mobile Application Development	2+0+2	Seçmeli	5
COME 339	Advanced Java Applications	2+0+2	Seçmeli	5
COME 347	Software Requirements Management	3+0+2	Seçmeli	5
COME 355	Analysis of Algorithms	2+0+2	Seçmeli	5
COME 373	Web Programming	2+0+2	Seçmeli	5
COME 401	Data Warehousing and Mining	2+0+2	Seçmeli	6
COME 404	Automata Theory and Formal Languages	3+0+0	Seçmeli	6
COME 439	Computer Graphics	2+0+2	Seçmeli	5
COME 441	Object Oriented System Development	2+0+2	Seçmeli	5
COME 447	Knowledge Based Systems	2+0+2	Seçmeli	5
COME 493	Fuzzy-System and Neural-Network Computing	3+0+2	Seçmeli	5
ECON 101	Introduction to Economics	3+0+0	Seçmeli	5
ECON 211	Microeconimics	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 365	Decision Making Techniques	2+1+0	Seçmeli	5
INTR 213	International Logistics	3+0+0	Seçmeli	5
IR 261	International Relations Theory	3+0+0	Seçmeli	6
ITA 101	Italian I	2+2+0	Seçmeli	5
JAP 101	Japanese I	2+2+0	Seçmeli	5
PHIL 313	Professional Ethics	3+0+0	Seçmeli	5
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 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 Science	2+0+0	Seçmeli	6
RUS 101	Russian I	2+2+0	Seçmeli	5
SMR 400	Seminar	2+0+0	Seçmeli	2

8.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
COME 005	Internship V	0+0+0	Zorunlu	1
COME 492	Graduation Project	0+6+0	Zorunlu	7
SEC IX	Science Elective (2 Pieces)	-	Seçmeli	6
SEC VIII	Departmental Elective	-	Seçmeli	5
SEC X	University Elective	-	Seçmeli	5
			Toplam AKTS	**24**

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
BIO 102	Introduction to Biology	3+0+0	Seçmeli	6
CHEM 300	Nanoscience and Technology	2+0+2	Seçmeli	6
CHN 102	Chinese II	2+2+0	Seçmeli	5
COME 302	Information and Data Analysis	2+0+2	Seçmeli	5
COME 304	Numerical Methods	3+0+0	Seçmeli	5
COME 316	GUI Development with .NET Technologies	2+0+2	Seçmeli	5
COME 320	Computer Graphics with Open GL	2+0+2	Seçmeli	5
COME 334	Rapid Application Devel. with Microsoft .NET Framework	2+0+2	Seçmeli	5
COME 336	Interface Design for Software Engineers	2+0+2	Seçmeli	5
COME 345	Information Systems Analysis and Design	2+0+2	Seçmeli	5
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
COME 436	Digital Image Processing	2+0+2	Seçmeli	5
COME 444	Artificial Intelligence	3+0+2	Seçmeli	5
COME 448	Data Mining and Knowledge Discovery	2+0+2	Seçmeli	5
COME 450	Distributed Systems	3+0+0	Seçmeli	5
COME 472	Internet and Web Technologies	2+0+2	Seçmeli	5
ECON 212	Macroeconomics	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
IE 304	Applications in Data Analysis	3+0+0	Seçmeli	6
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 212	Diplomatic History	3+0+0	Seçmeli	5
ITA 102	Italian II	2+2+0	Seçmeli	5
JAP 102	Japanese II	2+2+0	Seçmeli	5
MATH 172	Introductory Geometry	3+0+0	Seçmeli	6
MATH 250	Complex Calculus	3+0+0	Seçmeli	6
MATH 258	Partial Differential Equations	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
POLS 102	Introduction to Political Science	2+0+0	Seçmeli	6
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

	SEÇMELİ DERSLER HAVUZU			
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 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 455	Human Resource Management	3+0+0	Seçmeli	6
BA 463	Innovation Management	2+1+0	Seçmeli	5
BIO 102	Introduction to Biology	3+0+0	Seçmeli	6
CHEM 101	Chemistry	2+0+2	Seçmeli	5
CHEM 300	Nanoscience and Technology	2+0+2	Seçmeli	6
CHN 101	Chinese I	2+2+0	Seçmeli	5
CHN 102	Chinese II	2+2+0	Seçmeli	5
COME 302	Information and Data Analysis	2+0+2	Seçmeli	5
COME 304	Numerical Methods	3+0+0	Seçmeli	5
COME 305	Multimedia Systems	2+0+2	Seçmeli	5
COME 311	Linux System Administration and Programming	2+0+2	Seçmeli	5
COME 313	Distributed Databases	2+0+2	Seçmeli	5

COME 316	GUI Development with .NET Technologies	2+0+2	Seçmeli	5
COME 317	Engineering Applications with MATLAB	2+0+2	Seçmeli	5
COME 319	Decision Making Analysis	3+0+0	Seçmeli	5
COME 320	Computer Graphics with Open GL	2+0+2	Seçmeli	5
COME 334	Rapid Application Devel. with Microsoft .NET Framework	2+0+2	Seçmeli	5
COME 335	Mobile Application Development	2+0+2	Seçmeli	5
COME 336	Interface Design for Software Engineers	2+0+2	Seçmeli	5
COME 339	Advanced Java Applications	2+0+2	Seçmeli	5
COME 345	Information Systems Analysis and Design	2+0+2	Seçmeli	5
COME 346	Business Information Systems	2+0+2	Seçmeli	5
COME 347	Software Requirements Management	3+0+2	Seçmeli	5
COME 355	Analysis of Algorithms	2+0+2	Seçmeli	5
COME 373	Web Programming	2+0+2	Seçmeli	5
COME 401	Data Warehousing and Mining	2+0+2	Seçmeli	6
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
COME 436	Digital Image Processing	2+0+2	Seçmeli	5
COME 439	Computer Graphics	2+0+2	Seçmeli	5
COME 441	Object Oriented System Development	2+0+2	Seçmeli	5
COME 444	Artificial Intelligence	3+0+2	Seçmeli	5
COME 447	Knowledge Based Systems	2+0+2	Seçmeli	5
COME 448	Data Mining and Knowledge Discovery	2+0+2	Seçmeli	5
COME 450	Distributed Systems	3+0+0	Seçmeli	5
COME 472	Internet and Web Technologies	2+0+2	Seçmeli	5
COME 493	Fuzzy-System and Neural-Network Computing	3+0+2	Seçmeli	5
CONT 212	Electrical Measurements and Sensors	2+0+2	Seçmeli	5
CONT 315	Motion Control Systems	3+0+0	Seçmeli	6
CONT 317	Modelling and Simulation in Control Engineering	3+0+0	Seçmeli	5
CONT 322	Process Control	3+0+0	Seçmeli	6
CONT 323	Fundamentals of Adaptive Control Theory	3+0+0	Seçmeli	6
CONT 411	Introduction to Robotics	3+0+0	Seçmeli	5
CONT 422	Building Automation	3+0+0	Seçmeli	6
CONT 428	Robot Technology	3+0+0	Seçmeli	6
ECON 101	Introduction to Economics	3+0+0	Seçmeli	5
ECON 211	Microeconimics	3+0+0	Seçmeli	5
ECON 212	Macroeconomics	3+0+0	Seçmeli	5
ECON 321	International Economics	3+0+0	Seçmeli	5
EEE 313	Signals and Systems	2+2+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
GER 102	German II	2+2+0	Seçmeli	5
GRD 361	User Interface Design I	3+0+0	Seçmeli	5
GRD 362	User Interface Design II	3+0+0	Seçmeli	5
IE 252	Work Study and Ergonomics	2+2+0	Seçmeli	6
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 333	Production Planning and Control I	3+0+0	Seçmeli	5
IE 335	Total Quality Management	3+0+0	Seçmeli	5
IE 351	Productivity Analysis	0+0+0	Seçmeli	6
IE 365	Decision Making Techniques	2+1+0	Seçmeli	5
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	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 433	Enterprise Resource Planning	3+0+0	Seçmeli	6
IE 434	Entrepreneurship and Innovation	2+2+2	Seçmeli	6
IE 436	Supply Chain Management	3+0+0	Seçmeli	6
IE 438	Product and Process Development	3+0+0	Seçmeli	6
IE 452	Industrial Psychology	3+0+0	Seçmeli	6
IE 454	Strategic and Technological Planning	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 212	Diplomatic History	3+0+0	Seçmeli	5
IR 261	International Relations Theory	3+0+0	Seçmeli	6
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 172	Introductory Geometry	3+0+0	Seçmeli	6
MATH 250	Complex Calculus	3+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
ME 212	Materials Science	3+0+1	Seçmeli	5
ME 241	Statics	2+2+0	Seçmeli	5
ME 264	Thermodynamics I	3+1+0	Seçmeli	5
ME 301	Experimental Engineering I	1+0+4	Seçmeli	5
ME 302	Experimental Engineering II	1+0+4	Seçmeli	5
ME 322	Machine Elements I	3+1+0	Seçmeli	5
ME 332	Manufacturing Technology	3+0+0	Seçmeli	5
ME 345	Strength of Materials	3+1+0	Seçmeli	5
ME 351	Fluid Mechanics I	3+1+0	Seçmeli	5
ME 435	Mechatronics	3+0+0	Seçmeli	6
PHIL 313	Professional Ethics	3+0+0	Seçmeli	5
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 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 Science	2+0+0	Seçmeli	6
POLS 102	Introduction to Political Science	2+0+0	Seçmeli	6
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