

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
OME 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
			•	5
COME 439	Computer Graphics	2+0+2	Seçmeli	
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	•	3+0+0	•	6
	Enterprise Resource Planning		Seçmeli	
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
WE 100	Modification of the second of	0.0.0	Coşmon	Ü
	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
SEC III	Departmental Elective (2 Pieces)	-	Seçmeli Toplam AKTS	10 30
SEC III	Departmental Elective (2 Pieces) Gruplu Dersler	-	<u> </u>	
	Gruplu Dersler	2+0+2	Toplam AKTS	30
COME 302	Gruplu Dersler Information and Data Analysis	- 2+0+2 3+0+0	Toplam AKTS Seçmeli	30 5
COME 302 COME 304	Gruplu Dersler Information and Data Analysis Numerical Methods	3+0+0	Toplam AKTS Seçmeli Seçmeli	5 5
COME 302 COME 304 COME 316	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies	3+0+0 2+0+2	Toplam AKTS Seçmeli Seçmeli Seçmeli	5 5 5
COME 302 COME 304 COME 316 COME 320	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL	3+0+0 2+0+2 2+0+2	Seçmeli Seçmeli Seçmeli Seçmeli	5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework	3+0+0 2+0+2 2+0+2 2+0+2	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	5 5 5 5 5
COME 302 COME 304 COME 316 COME 320	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2	Seçmeli Seçmeli Seçmeli Seçmeli	5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework	3+0+0 2+0+2 2+0+2 2+0+2	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	5 5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	5 5 5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	5 5 5 5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 346 COME 412	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	5 5 5 5 5 5 5 5 5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 346 COME 412 COME 414	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2 3+0+0	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 450	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2 3+0+0	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 448 COME 450 COME 472	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2 3+0+0 2+0+2	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 448 COME 472 COME 472 CONT 212 CONT 322	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 346 COME 412 COME 414 COME 436 COME 444 COME 448 COME 450 COME 472 COMT 212 CONT 212 CONT 322 CONT 422	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 3+0+0	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 450 COME 472 CONT 212 CONT 212 CONT 322 CONT 422	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0	Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli Seçmeli	5 5 5 5 5 5 5 5 5 5 5 6 6 6 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 450 COME 472 CONT 212 CONT 212 CONT 322 CONT 422 CONT 428 IE 252	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology Work Study and Ergonomics	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 2+0+2 2+0+2 3+0+0 2+0+2 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 2+2+0	Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 414 COME 448 COME 444 COME 450 COME 472 CONT 212 CONT 212 CONT 322 CONT 422 CONT 428 IE 252 IE 302	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology Work Study and Ergonomics Operations Research II	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 2+0+2 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 2+2+0 2+2+0	Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 450 COME 472 CONT 212 CONT 212 CONT 322 CONT 422 CONT 428 IE 252 IE 302 IE 304	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology Work Study and Ergonomics Operations Research II Applications in Data Analysis	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0	Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 414 COME 448 COME 444 COME 450 COME 472 CONT 212 CONT 212 CONT 322 CONT 422 CONT 428 IE 252 IE 302	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology Work Study and Ergonomics Operations Research II	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2 3+0+0 2+0+2 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 2+2+0 3+0+0 3+0+0 3+0+0	Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 450 COME 472 CONT 212 CONT 212 CONT 322 CONT 422 CONT 428 IE 252 IE 302 IE 304	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology Work Study and Ergonomics Operations Research II Applications in Data Analysis	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0	Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 450 COME 472 CONT 212 CONT 212 CONT 322 CONT 422 CONT 428 IE 252 IE 302 IE 304 IE 402	Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology Work Study and Ergonomics Operations Research II Applications in Data Analysis Introduction to Multicriteria Decision Making	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2 3+0+0 2+0+2 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 2+2+0 3+0+0 3+0+0 3+0+0	Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 450 COME 472 CONT 212 CONT 212 CONT 322 CONT 422 CONT 422 IE 302 IE 304 IE 402 IE 405	Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology Work Study and Ergonomics Operations Research II Applications in Data Analysis Introduction to Multicriteria Decision Making Stochastic Models Computer Integrated Manufacturing	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2 3+0+0 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0	Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 450 COME 472 CONT 212 CONT 212 CONT 322 CONT 422 CONT 422 IE 302 IE 304 IE 402 IE 405 IE 425 IE 434	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology Work Study and Ergonomics Operations Research II Applications in Data Analysis Introduction to Multicriteria Decision Making Stochastic Models Computer Integrated Manufacturing Entrepreneurship and Innovation	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0	Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 448 COME 472 CONT 212 CONT 212 CONT 322 CONT 422 CONT 422 CONT 428 IE 252 IE 302 IE 304 IE 405 IE 405 IE 425 IE 434 IE 436	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology Work Study and Ergonomics Operations Research II Applications in Data Analysis Introduction to Multicriteria Decision Making Stochastic Models Computer Integrated Manufacturing Entrepreneurship and Innovation Supply Chain Management	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0	Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 448 COME 472 CONT 212 CONT 212 CONT 322 CONT 422 CONT 422 IE 302 IE 304 IE 402 IE 405 IE 425 IE 434 IE 436 IE 436 IE 452	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology Work Study and Ergonomics Operations Research II Applications in Data Analysis Introduction to Multicriteria Decision Making Stochastic Models Computer Integrated Manufacturing Entrepreneurship and Innovation Supply Chain Management Industrial Psychology	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0	Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 450 COME 472 CONT 212 CONT 212 CONT 322 CONT 422 CONT 422 IE 302 IE 304 IE 402 IE 405 IE 425 IE 434 IE 436 IE 452 IE 454	Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology Work Study and Ergonomics Operations Research II Applications in Data Analysis Introduction to Multicriteria Decision Making Stochastic Models Computer Integrated Manufacturing Entrepreneurship and Innovation Supply Chain Management Industrial Psychology Strategic and Technological Planning	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 2+2+0 2+2+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0	Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 450 COME 472 CONT 212 CONT 212 CONT 322 CONT 422 CONT 422 CONT 428 IE 252 IE 302 IE 304 IE 402 IE 405 IE 425 IE 434 IE 436 IE 452 IE 436 IE 452 IE 454	Gruplu Dersler Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology Work Study and Ergonomics Operations Research II Applications in Data Analysis Introduction to Multicriteria Decision Making Stochastic Models Computer Integrated Manufacturing Entrepreneurship and Innovation Supply Chain Management Industrial Psychology Strategic and Technological Planning Environmental Studies	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+2 2+0+2 3+0+0 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 2+2+0 2+2+0 3+0+0	Seçmeli Seçmeli	30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6
COME 302 COME 304 COME 316 COME 320 COME 334 COME 336 COME 345 COME 345 COME 412 COME 414 COME 436 COME 444 COME 448 COME 450 COME 472 CONT 212 CONT 212 CONT 322 CONT 422 CONT 422 IE 302 IE 304 IE 402 IE 405 IE 425 IE 434 IE 436 IE 452 IE 454	Information and Data Analysis Numerical Methods GUI Development with .NET Technologies Computer Graphics with Open GL Rapid Application Devel. with Microsoft .NET Framework Interface Design for Software Engineers Information Systems Analysis and Design Business Information Systems Data Communications Systems Electronic Business and Commerce Systems Digital Image Processing Artificial Intelligence Data Mining and Knowledge Discovery Distributed Systems Internet and Web Technologies Electrical Measurements and Sensors Process Control Building Automation Robot Technology Work Study and Ergonomics Operations Research II Applications in Data Analysis Introduction to Multicriteria Decision Making Stochastic Models Computer Integrated Manufacturing Entrepreneurship and Innovation Supply Chain Management Industrial Psychology Strategic and Technological Planning	3+0+0 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 2+0+2 3+0+0 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 2+0+2 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 2+2+0 2+2+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0 3+0+0	Seçmeli Seçmeli	30 5555555555555555666666666666666666666

VIE 204	rnermodynamics i	3+1+0	Seçmen	Э
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
VII. 002	manadamig roomology	0.0.0	Coşmon	Ū
	7 Variud Dare Bland			
	7.Yarıyıl Ders Planı			
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKT
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
	•	1.2.0		5
SEC V	University Elective	-	Seçmeli	
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
	•		•	5
BA 353	Consumer Behavior	3+0+0	Seçmeli	
BA 455	Human Resource Management	3+0+0	Seçmeli	6
3A 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
		2+0+2	•	5
COME 439	Computer Graphics		Seçmeli	
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
	~		-	
E 365	Decision Making Techniques	2+1+0	Seçmeli	5
NTR 213	International Logistics	3+0+0	Seçmeli	5
R 261	International Relations Theory	3+0+0	Seçmeli	6
TA 101	Italian I	2+2+0	Seçmeli	5
			•	
IAP 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				6
	Classical Mechanics I	3+0+0	Seçmeli	
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	AKT
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

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3+1+0

Seçmeli

ME 264

Thermodynamics I

DA 202	December Mathada fay Casial Caianasa	2.4.0	Caamali	6
BA 202 BA 242	Research Methods for Social Sciences Organizational Behavior	2+1+0 2+1+0	Seçmeli Seçmeli	6 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 3+0+0	Seçmeli	6 5
INTR 312 INTR 354	E-Commerce and E-Business International Marketing	3+0+0	Seçmeli Seçmeli	5
INTR 334 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 2+0+2	Seçmeli Seçmeli	6 5
CHEM 101	Chemistry Nanoscience and Technology	2+0+2 2+0+2	Seçmeli Secmeli	5 6
CHEM 300 CHN 101	Nanoscience and Technology Chinese I	2+0+2 2+2+0	Seçmeli Seçmeli	5
CHN 101 CHN 102	Chinese II	2+2+0 2+2+0	Seçmeli Seçmeli	5
CHN 102 COME 302	Union of the Information and Data Analysis	2+2+0 2+0+2	Seçmeli Seçmeli	5
COME 302	Numerical Methods	3+0+0	Seçmeli	5
COME 305	Multimedia Systems	2+0+2	Seçmeli	5
COME 303	Linux System Administration and Programming	2+0+2	Seçmeli	5
COME 311	Distributed Databases	2+0+2	Seçmeli	5
33E 010		L · V · L		J

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		2+0+2	•	5
	Computer Graphics with Open GL		Seçmeli	
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+0	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
		J J . U		J

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