

Course in Curriculum		Substitutions		
IE_F	Free Elective	BIO150	Introduction to Genetics	
		CSE101	Introduction to Programming	
		CSE110	Discrete Computational Structures	
		CSE200	Programming Workshop	
		CSE202	Data Structures and Algorithms	
		CSE252	Human Computer Interaction	
		CSE300	Internet and Web Programming	
		CSE302	Java Programming	
		CSE304	Principles of Programming Languages	
		CSE312	Analysis of Algorithms	
		CSE322	Database Systems	
		CSE330	Operating Systems	
		CSE335	Systems Programming	
		CSE341	Computer Organization	
		CSE342	Microprocessors	
		CSE344	Computer Architecture	
		CSE380	Special Project in Computer Engineering	
		CSE400	Software Engineering	
		CSE415	Theory of Computation	
		CSE425	Multimedia Techniques and Applications	
		CSE431	Computer Networks	
		CSE436	Communication Network Applications.	
		CSE450	Computer Graphics	
		CSE452	Human Computer Interaction	
		CSE460	Artificial Intelligence	
		CSE485	Special Topics (Data Mining)	
		CSE486	Special Topics (Introduction to Wireless Sensor Networks)	
		CSE488	Special Topics (Robotics)	
		CSE501	Advanced Software Engineering	
		CSE513	Advanced Algorithms	
		CSE530	Information Systems Security and Cryptography	
		CSE561	Advanced Natural Language Processing	
		CSE566	Machine Learning	
CSE567	Image Processing			

	CSE582	Special Topics (Bioinformatics)	
	ECO201	Microeconomics	
	ECO202	Macroeconomics	
	ECO301	Econometrics I	
	ECO311	International Economics	
	ECO312	Monetary Economics	
	ECO314	Economic Growth and Development	
	ECO316	Global Economic Issues	
	ECO321	Public Finance	
	ECO330	Game Theory	
	ECO331	INTERMEDIATE ECONOMETRICS	
	ECO352	Environmental Economics	
	ECO360	Political Economy of Privatization	
	ECO363	Social Policy	
	ECO370	LABOR ECONOMICS	
	ECO401	Economics of EU	
	ECO411	Economic Policy	
	ECO415	Current Economic Issues	
	ECO419	History of Economic Thought	
	ECO420	Turkish Economy	
	ECO422	Economics of Local Governments	
	ECO470	Economics of East Asia	
	ECO485	Special Topics (Economics of Gender)	
	EE203	Simulation Tools	
	EE221	Circuit Theory I	
	EE222	Circuit Theory II	
	EE224	Electrical Circuits Laboratory	
	EE225	Electrical Circuits	
	EE230	Electronics I	
	EE240	Logic Design	
	EE242	Logic Design Lab	
	EE331	Electronics II	
	EE335	Electronics	
	EE350	Signals and Systems	
	EE352	System Dynamics and Control	
	EE361	Electromagnetic Theory	
	EE362	Electromagnetic Waves	
	EE441	Digital Electronics	
	EE451	Digital Signal Processing	

	EE453	Introduction to Image Processing	
	EE461	Microwave Engineering	
	EE470	Digital Communication Systems	
	EE471	Communication Engineering I	
	EE472	Communication Engineering II	
	EE473	Communication Electronics	
	EE474	Communication Simulation Tech & Lab	
	EE476	Wireless Communications	
	EE482	Special Topics (Introduction to Biomedical Engineering)	
	EE484	Special Topics (Multimedia Processing & Communications)	
	EE486	Special Topics (Microcontroller Based System Design and Control)	
	EE501	Probability and Stochastic Processes	
	EE584	Special Topics (Digital Video Processing)	
	EE585	Special Topics (DSP Architecture, Programming and Applications)	
	EE586	Special Topics (Speech and Audio Signal Processing)	
	ENG201	Academic English I	
	ENG202	English IV	
	ENG301	Advance English Skills	
	FRE101	Elementary French	
	FRE102	Elementary French II	
	GER101	Elementary German	
	GER102	Elementary German II	
	HSS101	History of Civilization I	
	HSS102	History of Civilization II	
	HSS103	History of Art	
	HSS104	Mythology	
	HSS105	History of Modern Europe	
	HSS106	History of Modern Europe	
	HSS121	History of Civilization I	
	HSS140	Introduction to Sociology	
	HSS204	The Rise of Modern Science	
	HSS212	Cultural Origins of Theater	
	HSS220	Cultural Studies	
	HSS221	Eurasian Civilization and Stepe	

		Culture	
		HSS222 Culture and Communication	
		HSS223 Science, Technology and Society	
		HSS224 Human Development, and Culture	
		HSS226 Popular Culture and the USA	
		HSS240 Community Involvement : Theory and Practice	
		HSS251 Creativity and Short Story Writing	
		HSS300 Ethics, Science and Social Responsibility	
		HSS310 Contemporary Cinema	
		HSS311 Music History and Appreciation I	
		HSS312 Music History and Appreciation II	
		HSS313 The Road in American Film	
		HSS315 Interpreting Renaissance and Modern Art	
		HSS317 Literature and Cinema	
		HSS320 Science Technology and Society	
		HSS321 Technological Change, Popular Culture and Media	
		HSS322 Text Analysis and Argumentation	
		HSS323 History of Computing (Hesaplamanın Tarihi)	
		HSS325 Formations of Modernity	
		HSS331 Introduction to Cultural Anthropology	
		HSS332 Antropology of Consumption	
		HSS350 Public Speaking and Presentation	
		HSS351 Highlights of American Literature	
		HSS413 Popular Music: A Reflection of Politics and Society	
		HSS414 Musics of the World	
		HSS421 Information Technology and Social Life	
		HSS422 Technology and Development	
		HSS423 Cultural Memory	
		HSS425 Globalization and Cultural Identity	
		HSS450 Approaches to Narratives	
		HSS481 Special Topics:(Nation State and Literature)	
		HSS482 Special Topics (Human Rights	

			and Cinema)	
		HSS484	Special Topics (City and Culture:İstanbul)	
		IE_F-I	Special Topics (City and Culture:İstanbul)	
		IE306	Fundamentals of Operations Research	
		IE402	Operations Research III	
		IE412	Facilities Design Planning	
		IE413	Supply Chain Management	
		IE481	Special Topics (Reliability)	
		IE482	Special Topics (Pricing and Revenue Optimization)	
		IE483	Special Topics (Logistics Systems)	
		IE484	Special Topics (Decision Support Systems)	
		IT202	Data Structures and Algorithms	
		IT204	Logic Design	
		IT213	Internet and Web Programming	
		IT235	Server Side Programming	
		IT302	Database Systems	
		IT304	Operating Systems	
		IT305	Computer Organization	
		IT313	Object Oriented Programming with Java	
		IT321	Management Information Systems	
		IT322	Information Systems Analysis and Design	
		IT407	Fundamentals of Computer Networks	
		IT421	Current Issues in Information System Analysis and Design	
		IT422	Information Security	
		IT423	Human Computer Interaction	
		IT425	Multimedia Systems & Applications	
		IT432	Medical Informatics	
		IT433	Data Warehousing and Data Mining	
		IT434	Fundamentals of E-Commerce	
		IT480	Special Term Project	
		IT482	Special Topics (Agent Based	

		Programming)	
IT483		Special Topics (Advanced Server Side Programming-JSP)	
IT485		Special Topics (Mobile Application Development Using Java)	
IT487		Special Topics (Business Process Engineering)	
IT535		Advanced Data Warehousing and Data Mining	
ITA101		Elementary Italian	
ITA102		Elementary Italian II	
JAP101		Elementary Japanese I	
JAP102		Elementary Japanese II	
MAN101		Introduction to Business	
MAN102		Principles of Management	
MAN202		International Business	
MAN211		Financial Accounting	
MAN212		Managerial Accounting	
MAN231		Introduction to Law	
MAN232		Business Law	
MAN301		Industrial Relations	
MAN321		Business Finance	
MAN322		Corporate Finance	
MAN326		Risk Management and Insurance	
MAN331		Organizational Behavior	
MAN332		Human Resources Management	
MAN341		Principles of Marketing	
MAN342		New Product Development	
MAN352		Management Information systems	
MAN361		Business Over Internet	
MAN362		Research Methods	
MAN371		Strategic Management	
MAN381		Business Strategies	
MAN386		International Transportation and Logistics	
MAN391		Multinational Corporations	
MAN392		Management Consultancy	
MAN401		Business Ethics	
MAN402		Business Communication	
MAN411		B2b Marketing	
MAN412		Portfolio Management	

		MAN422	International Finance	
		MAN432	Sales Management	
		MAN451	Cur. Issues in Social Security	
		MAN471	Labor Law	
		MAN473	Business Project Management	
		MAN476	Strategic Management of Technology	
		MAN478	Seminars in International Trade	
		MAN481	Special Topics (Consumer Behavior)	
		MAN482	Business Project Management	
		MAN485	Special Topics (New Venture Creation)	
		MAN486	Special Topics (Entrepreneurship and Small Business Management)	
		MAN487	Special Topics (Services Marketing)	
		MAN488	Special Topics (Obligations Law)	
		MAN489	Special Topics (International Factoring)	
		MAN491	Special Topics (Knowledge Management)	
		MAN492	Special Topics (Management for Engineers)	
		MAN493	Special Topics (International Business Law)	
		MAN494	Special Topics (History of Management Thought)	
		MAN495	Special Topics (Advertising)	
		MAN496	Special Topics (E-Commerce)	
		MAN501	Contemporary Management	
		MAN502	Research Methods for Management	
		MAN503	Strategic Marketing Management	
		MAN504	Financial Analysis and Tools for Managers	
		MAN505	Strategic Managerial Accounting	
		MAN507	Contemporary Issues in Work and Business Ethics	
		MAN509	Economics for Management	
		MAN514	International Management	
		MAN524	Competitive Marketing Strategies	
		MAN581	Special Topic in Business	

			Administration (Foreign Investment and Investment Environment)	
		MAN582	Special Topics (Strategic Management Case Studies)	
		MATH142	Discrete Mathematics	
		MATH201	Calculus III	
		MATH203	Multivariable Calculus and Differential Equations	
		MATH212	Complex Analysis I	
		MATH214	Introduction to Mathematical Analysis	
		MATH252	Introduction to Mathematical Engineering	
		MATH302	Numerical Methods	
		MATH311	Introduction to Real Analysis	
		MATH321	Partial Differential Equations	
		MATH323	Calculus of Variations	
		MATH324	Methods of Applied Mathematics I	
		MATH352	Math. Theory of Elasticity	
		MATH441	Introduction to Modern Algebra	
		MATH451	Math. Theory of Fluids	
		MATH462	Differential Geometry	
		ME120	Engineering Graphics	
		ME224	Design and Manufacturing	
		ME242	Dynamics	
		ME264	Thermodynamics	
		ME302	Experimental Engineering	
		ME324	Machine Design I	
		ME336	Modeling and Control of Dynamic Systems	
		ME362	Heat Transfer	
		MES501	Political Economy of the Middle East	
		MES502	Regional Cooperation in the Middle East	
		MES503	History and Politics in the Middle East	
		MES504	Politics and Government in the Middle East	
		MES505	Peoples and Cultures of the Middle East	



	MES506	Contemporary Middle East Conflicts	
	MES511	Economics of Energy and Oil	
	MES513	International Political Economy and Globalization	
	MES521	Elementary Arabic	
	MES523	Elementary Hebrew	
	MES524	Intermediate Hebrew	
	MES582	Special Topics (Political Change and Modernization in the Middle East)	
	MES584	Special Topics (Political Modernisation)	
	PHYS142	Science and Nature II	
	PHYS203	General Physics III	
	PHYS212	Modern Physics	
	PHYS333	Quantum Mechanics I	
	PHYS334	Quantum Mechanics II	
	PHYS343	Classical Mechanics	
	PHYS344	Statistical and Thermal Physics	
	PHYS453	Nuclear Physics	
	PHYS454	Solid State Physics	
	PHYS471	Applied Modern Physics I	
	PHYS472	Applied Modern Physics I	
	PHYS474	Spectroscopy	
	PHYS475	Methods in Experimental Physics	
	PHYS485	Photonics	
	PHYS486	Special Topics (Intro Plasma Physics)	
	PHYS487	Special Topics	
	PHYS494	Project	
	POLS101	Introduction to Political Science	
	POLS201	Introduction to International Politics	
	POLS203	Political Change And Modernization	
	POLS204	Comparative Politics	
	POLS205	Diplomatic History I	
	POLS206	Diplomatic History II	
	POLS207	Political Ideologies	
	POLS222	Social Science Research Methods	
	POLS237	Dynamics of Geopolitics and Geostrategy	

	POLS260	European Union Politics	
	POLS263	Women, Gender and World Politics	
	POLS301	International Law I	
	POLS302	International Law II	
	POLS303	Theory of International Relations	
	POLS305	Political Theory I	
	POLS306	Political Theory II	
	POLS308	International Organization	
	POLS309	Research Techniques and Writing Skills	
	POLS337	Political Parties and Interest Groups	
	POLS338	American Foreign Policy	
	POLS339	Politics of Terrorism	
	POLS342	Turkey & EU Relations	
	POLS344	Current International Issues	
	POLS346	Middle East in International Politics	
	POLS401	Turkish Politics	
	POLS402	Turkish Foreign Policy	
	POLS431	Central Asia and Caucasus in World Politics	
	POLS433	War and Peace Studies	
	POLS434	Diplomacy and Conduct of Foreign Policy	
	POLS435	National Security	
	POLS436	Civil-Military Relations	
	POLS438	Turkish American Relations	
	POLS439	Russian Foreign Policy	
	POLS442	Conflict Resolution and Management	
	PSY101	Introduction to Psychology	
	RUS101	Elementary Russian I	
	RUS102	Elementary Russian II	
	SPA101	Elementary Spanish I	
	SPA102	Elementary Spanish II	
	STS304	Philosophy of Science	
	STS306	Sociology of Science and Technology	
	STS312	Science and Technology in Movies	
	STS331	Environment, Technology and	

			Society	
		STS444	Knowledge and Knowledge Management in the Information Age	
		STS476	Strategic Management of Technology	
		STS481	Special Topics (Innovation Management)	
		STS482	Special Topics (Humankind and the Sea)	
		STS484	Special Topics (From Creativity to Entrepreneurship)	