CURRICULUM OF UNDERGRADUATE PROGRAMS

	First Semester
PHYS 101	Physics I
MATH 103	Linear Algebra
MATH 101	Calculus I
CNG 103	Introduction to Programming
TURK 101	Turkish I
CNG 101	Introduction to Computer Engineering
ENG 101	Academic English I
CARP 101	Career Planning

Second Semester			
PHYS 102	Physics II		
MATH 102	Calculus II		
EEE 102 Cir	cuit Theory I		
TURK 102	Turkish II		
CNG 104	Programming		
ENG 102	Academic English II		

	Third Semester
CNG 201	Data Structures
CNG 203	Object Oriented Programming
CNG 205	Discrete Mathematics
MATH 201	Probability and Statistics
MATH 203	Differential Equations
HIST 101	Atatürk's Principles and History of Turkish Revolution I
OHS 201	Occupational Health And Safety - I
XXXXX	Social Elective



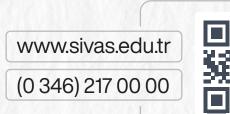


UNDERGRADUATE CURRICULUM

Fourth Semester			
EEE 204Dig	gital System Design		
EEE 206	Microprocessors		
CNG 212	Programming Languages		
OHS 202	Occupational Health And Safety - II		
CNG 244	Operating Systems		
HIST 102	Atatürk's Principles and History of Turkish Revolution II		

	Fifth Semester
CNG 311	Database Systems
CNG 361	Web Programming
CNG 335	Algorithms
CNG 371	Software Engineering
CNG 381	Computer Organization
CNG 301	Summer Practice I

Sixth Semester		
CNG 342	Data Communication and Computer Networks	
CNG 344	Information Security	
CNG 346	Mobile Programming	
XXXXXX	Technical Elective	
XXXXXX	Technical Elective	
CNG 304	Computer Engineering Design I	











UNDERGRADUATE CURRICULUM

	Seventh Semester
CNG 401	Embedded Systems
CNG 403	Automata Theory
XXXXXX	Technical Elective
XXXXXX	Technical Elective
XXXXXX	Social Elective
CNG 405	Computer Engineering Design Project II
CNG 407	Summer Practice II

	Sixth Semester Technic Elective Courses
CNG 352	Introduction to Parallel Programming
CNG 354	Visual Programming
CNG 356	Natural Language Processing
CNG 358	Data Mining
CNG 360	Cyber Security
CNG 362	Cryptology
CNG 364	Fuzzy Logic
CNG 366	Optimization
CNG 368	Biodefense
CNG 370	Bioinformatics
EEE 304	Digital Signal Processing
CNG 372	Internet of Things
CNG 374	Advanced Java Programming
CNG 376	Multimedia Systems
CNG 378	Real-Time Operating System
CNG 380	Distributed Operating System

	Seventh Semester Technic Elective
CNG 451	Big Data
CNG 453	High Performance Computing
EEE 413	Robotic Design
CNG 455	R&D and Technology in Defense Industry
CNG 457	Machine Learning
CNG 459	Image Processing
CNG 461	Network Administration
CNG 463	System Administration
CNG 465	Blockchain Technology
CNG 467	Cloud Computing
CNG 469	Computer Graphics
CNG 459	Image Processing
EEE 409	Radar Systems
EEE 411	Electronic Warfare Systems
EEE 411	Electronic Warfare Systems
EEE 415	System Engineering



CNG 498 Sectoral Experience





UNDERGRADUATE CURRICULUM

Social Elective Courses				
SOC 101	Introduction to Business	SOC 112	Personal Development	
SOC 102	Current Topics in Psychology	SOC 113	Creative Thinking Methods and Techniques	
SOC 103	Guitar I	SOC 114	Effective Public Speaking	
SOC 104	Special Topics in Economics, Industry and Development	SOC 115	Speed Reading	
SOC 105	Foreign Languages: Basic French	SOC 116	Public Relations	
SOC 106	Foreign Languages: Basic German	SOC 117	Business Law and Ethics	
SOC 107	Foreign Languages: Basic Spanish	SOC 118	WEB Design	
SOC 108	History of War	SOC 119	Entrepreneurship and Business Plan Preparation	
SOC 109	Media Literacy	SOC 120	History of Science	
SOC 110	Communication skills	SOC 199	Volunteering Studies	
SOC 111	Basic Photography			



