PORSUK VOCATIONAL SCHOOL

Porsuk Vocational School offers programs in Computer Technology and Programming (normal and evening education), Highway Transportation and Traffic, Design and Printing - Publishing (normal and evening education), Radio-Television Technique (normal and evening education), Railroad Construction, Railroad Electric and Electronic Technology, Railroad Machine Technology and Railroad Transportation Management. Besides Automotive, Child Development, Electric, Furniture and Interior Design, Handcrafts, Industrial Automation, Industrial Electronics, Industrial Moulding, Mechanics, Mechanics Drawing Construction and Textile Technology programs have opened and accepted students in evening education 2002-2003 educational term. Porsuk Vocational School serves in restored building for education by university that is in Porsuk Campus on Basın Şehitleri Street. Vocational school trains well equipped, skilled technicians to serve industry. All programs consist of 4 terms of both theory and laboratory studies. Laboratories are designed to serve both technological and physical needs of each program.

Director	: Prof. Dr. Süleyman KAYTAKOĞLU
Deputy Director	: Dr. Lecturer Asuman KAYA
Deputy Director	: Lecturer Zeynep Nazlı ÖZTOPCU
Secretary to the school	: Hülya DİKMEN ÖZÖĞÜT

STAFF

Professors:
Hüseyin KOCA, Özlem ONAY, Ensar TAÇYILDIZ, Gülgün YILMAZ

Associate Professors:
Esra Pınar UÇA GÜNEŞ, Burak IŞIKDAĞ, Burçin YERSEL, Nuray GEDİK, Hakkı Ulaş ÜNAL

Faculty Members:
Birsen AÇIKEL, Şükrü ARDALI, Elif AYBAR, Mehmet BAY, Dilek ÇUKUL, Ali Haydar ERCAN, İhsan GÜNEŞ, Başak KALKAN, Asuman KAYA, Hüseyin Selçuk KIRAY, Elif KORUYUCU, Emre Aytuğ ÖZSOY, Kadir GÜNGÖR

Lecturers:
Fatma Nur ALADA, Aytekin ATASOYU, Alper BAYRAKTAR, Esengül ÇAVDAR, Arzu ÇELEN ÖZER, Altan ÇETİNKAYA, Özlem Emine DOĞAN, Fatih FIRAT, Semih GÖLCÜK, Sinan GÜVEN, Firdevs Diğdem GÜVEN, Sezen ÇINAL, Roza KOÇKAR, Barış KÖK, Merve MUSLU YILMAZ, Hasan Candan ÖTEYAKA, Emre ÖZBEK, Nurcihan ÖZKAN, Zeynep Nazlı ÖZTOPCU KİRAZ, Hülya SÖKER, Ercan SÜNGER, Sevgi TAÇYILDIZ, Yiğit TÜRE, Atakan UĞRAŞ, Aysel ULUKAN KORUL, Okan AKSU

DEPARTMENT OF COMPUTER TECHNOLOGIES

COMPUTER PROGRAMMING

Usage of computers at homes and in offices spread wide due to recent developments in IT technologies. Computer networks, software development for web, office and specific purposes, hardware, maintenance and back office, system administration are concepts of Computer Technology and Programming. Graduated students who will have computer technician title are well trained in theoretical and application fields.

PROGRAM

	I.Semester				II.Semester		
BTP 101	Algorithms and Introduction to Programming	3+1	5,0	BİL 181	Internet Programming I	3+1	4,0
BTP 103	Integrated Office	3+1	4,0	BTP 102	Database and ManagementSystems I	3+1	4,0

Code		Course	T+P	ECTS	Code		Course	T+P	ECTS
ELO 103		Digital Electronics	3+1	4,0	BTP 104		Data Structures and Programming	3+1	4,0
EMAT 101		Calculus I	3+0	4,0	BTP 146		Python Programming I	2+1	2,0
İNG 187	(Eng)	English I	3+0	3,0	EMAT 102		Calculus II	3+0	4,0
TAR 165		Atatürk's Principles and History of Turkish Revolution I	2+0	2,0	İNG 188	(Eng)	English II	3+0	3,0
TEK 107		Scientific Principles of Technology	3+1	4,0	İSG 401		Occupational Health and Safety I	2+0	2,0
TÜR 125		Turkish Language I	2+0	2,0	TAR 166		Atatürk's Principles andHistory of Turkish Revolution II	2+0	2,0
		Elective Courses		*2,0*	TÜR 126		Turkish Language II	2+0	2,0
							Elective Courses		*3,0*
				30,0					**30,0**

	III.Semester					**IV.Semester**			
BİL 284		Object Oriented Programming	3+1	4,0	BİL 812		Visual Programming	3+1	4,0
BTP 203		Database and OperationSystems II	3+1	4,0	BTP 201		Operating Systems	3+1	4,0
BTP 239		Computer Hardware	2+1	4,0	BTP 204		Microcomputer Systems and Assembler	3+1	4,0
BTP 241		Computer Network Systems	2+1	3,0	**BTP 211**	(Eng)	**Technical English I**	**1+1**	**3,0**
		Area Elective Courses		*15,0*	BTP 299		Internship	0+2	5,0
							Area Elective Courses		*10,0*
				30,0					**30,0**

Area Elective Courses

Code		Course	T+P	ECTS	Code	Course	T+P	ECTS
BİL 182		Internet Programming II	3+1	4,0	ESTÜ 401	Introduction to Professional Life	1+1	2,0
BTP 202		System Analysis and Design	2+2	4,0	ETK 211	Professional Ethics	2+0	3,0
BTP 212	(Eng)	Technical English II	1+1	2,0	GRA 110	Graphic and Animation	3+1	4,0

Code	Course	Hours	Credits	Code	Course	Hours	Credits
BTP 215	C Programming I	3+1	4,0	İLT 105	General and Technical Communication	2+0	2,0
BTP 216	C Programming II	3+1	4,0	**İME 201**	**Vocational Training in Workplace I**	**5+10**	**15,0**
BTP 246	Python Programlama II	2+1	3,0	**İME 202**	**Vocational Training in Workplace II**	**5+10**	**15,0**
DJT 203	Digital Electronic	3+1	4,0	İŞL 209	Business Management	2+0	2,0
ELO 106	Digital Design	3+1	4,0	İŞL 421	Entrepreneurship	2+0	3,0
ELO 211	Microprocessors / Microcontrollers	3+1	5,0	KGS 104	Quality Assurance and Standards	2+0	2,0
ESTÜ 201	Turkish Sign Language	3+0	3,0				

Elective Courses

Code	Course	Hours	Credits	Code	Course	Hours	Credits
BEÖ 155	Physical Education	2+0	2,0	ESTÜ 122	Guitar	3+1	3,0
ESTÜ 101	Introduction to University Life	0+1	2,0	ESTÜ 123	Gender Equality in Work Life	2+0	3,0
ESTÜ 103	Ceramic Design Processes	2+1	3,0	ESTÜ 125	Philosophy of Science	3+0	3,0
ESTÜ 104	Academic and Life Skills	2+1	3,0	ESTÜ 127	Diction	1+2	3,0
ESTÜ 106	Project Management	2+1	3,0	ESTÜ 129	Turkish as a Foreign Language I	2+0	2,0
ESTÜ 111	Volunteering Works	1+2	4,0	ESTÜ 130	Turkish as a Foreign Language II	2+0	2,0
ESTÜ 112	Cyber Security for Everyone	2+0	2,0	ESTÜ 203	Introduction to Sociology	3+0	3,0
ESTÜ 113	Design Thinking	3+0	3,0	ESTÜ 301	Science Communication	2+0	3,0
ESTÜ 114	Visual Thinking	3+0	3,0	**ESTÜ 307**	**Children Rights and Family Education**	**2+0**	**2,0**
ESTÜ 115	Photographic Viewpoint	2+1	3,0	ESTÜ 402	Coaching and Leadership	3+0	3,0
ESTÜ 116	Computer Aided Design I	3+0	3,0	ESTÜ 403	Basic Computer Utilization	3+0	4,0
ESTÜ 117	Computer Aided Design II	3+0	3,0	ESTÜ 405	Computer Programming	3+0	5,0
ESTÜ 118	Visual Thinking with Concepts	3+0	3,0	PMYO 198	Optional Internship	0+2	5,0
ESTÜ 119	Flute	3+1	3,0	SAN 155	Hall Dances	0+2	2,0
ESTÜ 120	Solfege	3+1	3,0	THU 203	Community Services	0+2	3,0

| ESTÜ 121 | Piano | 3+1 | 3,0 |

DEPARTMENT OF ELECTRICITY AND ENERGY

PROGRAM IN GENERATION. TRANSMISSION AND DISTRIBUTION OF ELECTRICITY

Due to the limited energy resources in our developing and rapidly growing country, the energy problem is constantly on the agenda. Especially in industry, electrical energy is of great importance as it is easy to use, portable and has entered many areas of human life. In order to meet the need for well-trained intermediate staff to serve in the fields of electricity generation, distribution, measurement and maintenance and repair of electrical machines used in our country, theoretical and practical training is provided in the Program.

PROGRAM

I.Semester					II.Semester			
EEÜ 204		Energy Analysis and Savings	2+0	3,0	EEÜ 106	Traditional Sources of Energy	2+1	2,0
ELE 103		Electrical and Electronical Measurements	3+1	5,0	EEÜ 108	Renewable Sources of Energy	2+1	3,0
ELE 105		Direct Current Circuit Analysis	3+1	5,0	ELE 104	Alternative Current Circuit Analysis	3+1	5,0
EMAT 101		Calculus I	3+0	4,0	ELO 104	Analog Electronics	3+1	4,0
İNG 187	(Eng)	English I	3+0	3,0	EMAT 102	Calculus II	3+0	4,0
TAR 165		Atatürk's Principles and History of Turkish Revolution I	2+0	2,0	İNG 188 (Eng)	English II	3+0	3,0
TEK 107		Scientific Principles of Technology	3+1	4,0	İSG 401	Occupational Health and Safety I	2+0	2,0
TÜR 125		Turkish Language I	2+0	2,0	TAR 166	Atatürk's Principles and History of Turkish Revolution II	2+0	2,0
		Elective Courses		2,0	TÜR 126	Turkish Language II	2+0	2,0
						Elective Courses		3,0
				30,0				30,0

III.Semester

Code	Course		
EEÜ 104	High Voltage Technics	1+1	2,0
ELE 212	Electricity Installation Plans	3+1	4,0
ELO 103	Digital Electronics	3+1	4,0
ELO 205	Power Electronics	3+1	5,0
	Area Elective Courses		*15,0*
			30,0

IV.Semester

Code	Course		
EEÜ 210	Contract, Discovery and Planning	**2+1**	**4,0**
EEÜ 252	**Workshop Practices**	**1+2**	**3,0**
EEÜ 299	Internship	0+2	5,0
ELE 209	**Electric Generation, Transmission and Distribution**	**3+1**	**4,0**
ELE 227	**Electrical Machines**	**3+1**	**4,0**
	Area Elective Courses		*10,0*
			30,0

Area Elective Courses

Code	Course			Code	Course		
EEÜ 202	Electricity and Energy Project	2+2	4,0	ELE 215	Electromechanical Control Systems	3+1	4,0
EEÜ 205	Energy and Environment	2+0	2,0	ELE 222	Related Electrical Service and Systems	1+1	3,0
EEÜ 232	Hydrojen Energy and Usage	3+1	3,0	**ELO 211**	**Microprocessors / Microcontrollers**	**3+1**	**5,0**
EEÜ 234	Solar Energy Systems	3+1	3,0	ENO 210	Microcontroller Based Control	3+1	4,0
EEÜ 240	Thermal Power Plant	3+1	3,0	ESTÜ 201	Turkish Sign Language	3+0	3,0
EEÜ 244	Energy Plant Management	3+1	4,0	ESTÜ 401	Introduction to Professional Life	1+1	2,0
EEÜ 246	Technical English	3+1	3,0	ETK 211	Professional Ethics	2+0	3,0
EEÜ 248	Fuels and Combustion Technology	3+1	3,0	**İME 201**	**Vocational Training in Workplace I**	**5+10**	**15,0**
EEÜ 254	Vocational Mathematics with MATLAB	3+1	3,0	**İME 202**	**Vocational Training in Workplace II**	**5+10**	**15,0**
EEÜ 256	Digital Signal Processing Fundamentals and MATLAB Applications	3+1	3,0	MAK 221	Computer Aided Design I	3+1	4,0
ELE 106	Electric Systems (Networks) and Foundations	1+1	3,0	MAK 251	Energy Management	3+1	4,0
ELE 207	Electrical Maintenance and Troubleshooting	1+1	3,0				

Elective Courses

Code	Course	Hours	Credit	Code	Course	Hours	Credit
BEÖ 155	Physical Education	2+0	2,0	ESTÜ 122	Guitar	3+1	3,0
ESTÜ 101	Introduction to University Life	0+1	2,0	ESTÜ 123	Gender Equality in Work Life	2+0	3,0
ESTÜ 103	Ceramic Design Processes	2+1	3,0	ESTÜ 125	Philosophy of Science	3+0	3,0
ESTÜ 104	Academic and Life Skills	2+1	3,0	ESTÜ 127	Diction	1+2	3,0
ESTÜ 106	Project Management	2+1	3,0	ESTÜ 129	Turkish as a Foreign Language I	2+0	2,0
ESTÜ 111	Volunteering Works	1+2	4,0	ESTÜ 130	Turkish as a Foreign Language II	2+0	2,0
ESTÜ 112	Cyber Security for Everyone	2+0	2,0	ESTÜ 203	Introduction to Sociology	3+0	3,0
ESTÜ 113	Design Thinking	3+0	3,0	ESTÜ 301	Science Communication	2+0	3,0
ESTÜ 114	Visual Thinking	3+0	3,0	**ESTÜ 307**	**Children Rights and Family Education**	**2+0**	**2,0**
ESTÜ 115	Photographic Viewpoint	2+1	3,0	ESTÜ 402	Coaching and Leadership	3+0	3,0
ESTÜ 116	Computer Aided Design I	3+0	3,0	ESTÜ 403	Basic Computer Utilization	3+0	4,0
ESTÜ 117	Computer Aided Design II	3+0	3,0	ESTÜ 405	Computer Programming	3+0	5,0
ESTÜ 118	Visual Thinking with Concepts	3+0	3,0	PMYO 198	Optional Internship	0+2	5,0
ESTÜ 119	Flute	3+1	3,0	SAN 155	Hall Dances	0+2	2,0
ESTÜ 120	Solfege	3+1	3,0	THU 203	Community Services	0+2	3,0
ESTÜ 121	Piano	3+1	3,0				

DEPARTMENT OF ELECTRONICS AND AUTOMATION

UNMANNED AERIAL VEHICLE TECHNOLOGY AND OPERATORS PROGRAM

PROGRAM

I.Semester

Code	Course	Hrs	ECTS
ELO 103	Digital Electronics	3+1	4,0
EMAT 101	Calculus I	3+0	4,0
İHA 101	Introduction to UnmannedAerial Vehicle Technology and Regulations	3+0	3,5
İHA 103	Aviation Terminology and Ethics	3+0	4,0
İNG 115 (Eng)	English Speaking Skills I	1+1	2,5
MTR 102	Measurement Techniques	1+1	2,0
TAR 165	Atatürk's Principles andHistory of Turkish Revolution I	2+0	2,0
TEK 107	Scientific Principles ofTechnology	3+1	4,0
TÜR 125	Turkish Language I	2+0	2,0
	Elective Courses		2,0
			30,0

II.Semester

Code	Course	Hrs	ECTS
BİL 129	Information and Communication Technologies	2+1	3,0
EMAT 102	Calculus II	3+0	4,0
İHA 102	Unmanned Aerial VehicleMaterials	3+1	3,0
İHA 104	Unmanned Aerial Vehicle Propulsion Systems	2+0	2,0
İHA 106	Theory of Flight	3+0	4,5
İHA 108	Technical English	2+0	2,0
İNG 116 (Eng)	English Speaking Skills II	1+1	2,5
İSG 401	Occupational Health andSafety I	2+0	2,0
TAR 166	Atatürk's Principles and History of Turkish Revolution II	2+0	2,0
TÜR 126	Turkish Language II	2+0	2,0
	Elective Courses		3,0
			30,0

III.Semester

Code	Course	Hrs	ECTS
ELO 211	Microprocessors / Microcontrollers	3+1	5,0
İHA 201	Unmanned Aerial VehicleControl Methods and Simulations	3+1	4,0
İHA 203	Unmanned Aerial Vehicle Structures and SystemsDesign	3+0	3,0
İHA 205	Aerodynamics	2+0	2,0
İHA 207	Meteorology	3+0	2,0
MTR 207	Sensors and Transducers	1+1	3,0

IV.Semester

Code	Course	Hrs	ECTS
İHA 202	Flight Mission Planning and Programming	2+2	4,0
İHA 204	Unmanned Aerial Vehicle Manufacture and Assembly Workshop	2+2	3,0
İHA 206	Unmanned Aerial Vehicle Electrical Systems	2+1	3,0
İHA 208	Unmanned Aerial Vehicle Operations, Ground Controland Communications	3+0	3,0
İHA 218	Flight Practices	1+3	4,0
İHA 299	Internship	0+2	5,0

	Area Elective Courses	*11,0*			Area Elective Courses	*8,0*
		30,0				30,0

Area Elective Courses

ELE 215	Electromechanical Control Systems	3+1	4,0	İHA 212	Computer Aided Design	2+1	4,0
ESTÜ 201	Turkish Sign Language	3+0	3,0	İHA 213	Unmanned Aerial Vehicle Communication Technologies and Cyber Security	2+2	4,0
ESTÜ 401	Introduction to Professional Life	1+1	2,0	İHA 214	Composite Materials and Manufacture Methods	3+1	4,0
FOT 107	Photography	2+1	3,0	İHA 216	Piston-prop Engines	3+0	4,0
İHA 209	Model Aircraft Manufacture	1+2	3,0	İŞL 209	Business Management	2+0	2,0
İHA 210	Sustainable Aviation Technologies	2+0	3,0	İŞL 421	Entrepreneurship	2+0	3,0
İHA 211	Unmanned Aerial Vehicle Maintenance and Reliability Management	3+0	4,0	KGS 104	Quality Assurance and Standards	1+2	2,0

Elective Courses

BEÖ 155	Physical Education	2+0	2,0	ESTÜ 122	Guitar	3+1	3,0
ESTÜ 101	Introduction to University Life	0+1	2,0	ESTÜ 123	Gender Equality in Work Life	2+0	3,0
ESTÜ 103	Ceramic Design Processes	2+1	3,0	ESTÜ 125	Philosophy of Science	3+0	3,0
ESTÜ 104	Academic and Life Skills	2+1	3,0	ESTÜ 127	Diction	1+2	3,0
ESTÜ 106	Project Management	2+1	3,0	ESTÜ 129	Turkish as a Foreign Language I	2+0	2,0
ESTÜ 111	Volunteering Works	1+2	4,0	ESTÜ 130	Turkish as a Foreign Language II	2+0	2,0
ESTÜ 112	Cyber Security for Everyone	2+0	2,0	ESTÜ 203	Introduction to Sociology	3+0	3,0
ESTÜ 113	Design Thinking	3+0	3,0	ESTÜ 301	Science Communication	2+0	3,0
ESTÜ 114	Visual Thinking	3+0	3,0	**ESTÜ 307**	**Children Rights and Family Education**	**2+0**	**2,0**

ESTÜ 115	Photographic Viewpoint	2+1	3,0	ESTÜ 402	Coaching and Leadership	3+0	3,0
ESTÜ 116	Computer Aided Design I	3+0	3,0	ESTÜ 403	Basic Computer Utilization	3+0	4,0
ESTÜ 117	Computer Aided Design II	3+0	3,0	ESTÜ 405	Computer Programming	3+0	5,0
ESTÜ 118	Visual Thinking with Concepts	3+0	3,0	PMYO 198	Optional Internship	0+2	5,0
ESTÜ 119	Flute	3+1	3,0	SAN 155	Hall Dances	0+2	2,0
ESTÜ 120	Solfege	3+1	3,0	THU 203	Community Services	0+2	3,0
ESTÜ 121	Piano	3+1	3,0				

PROGRAM IN MECHATRONICH

Mechatronic structural elements, mechanical systems, mechanical system design, electronic systems, automation systems, informatic systems, process systems, mechatronic systems and design etc. With the Mechatronics Program, which provides training on the subjects of education, it is aimed to meet the qualified workforce need in the sector.

PROGRAM

I.Semester				II.Semester			
EMAT101	Calculus I	3+0	4,0	ELO 104	Analog Electronics	3+1	4,0
İNG 187 (Eng)	English I	3+0	3,0	EMAT 102	Calculus II	3+0	4,0
MTR 101	Circuit Analysis	3+0	4,0	İNG 188 (Eng)	English II	3+0	3,0
MTR 102	Measurement Techniques	1+1	2,0	İSG 401	Occupational Health andSafety I	2+0	2,0
MTR 105	Mechatronic System Fundamentals	3+0	3,0	MAK 105	Production and Manufacturing Technology I	3+1	4,0
TAR 165	Atatürk's Principles and History of Turkish Revolution I	2+0	2,0	MEK 209	Mechanics of Materials(Dynamics)	3+0	3,0
TEK 107	Scientific Principles of Technology	3+1	4,0	MLZ 112	Materials Knowledge	3+0	3,0
TRS 104	Technical Drawing	2+2	4,0	TAR 166	Atatürk's Principles andHistory of Turkish Revolution II	2+0	2,0
TÜR 125	Turkish Language I	2+0	2,0	TÜR 126	Turkish Language II	2+0	2,0
	Elective Courses		*2,0*		Elective Courses		*3,0*
			30,0				30,0

III.Semester

ELO 103	Digital Electronics	3+1	4,0
MAK 229	Mechanical Science and Elements	3+1	4,0
MAK 263	Material and Mechanical Testing	3+1	4,0
MTR 220	Process Control	3+0	3,0
	Area Elective Courses		**15,0**
			30,0

IV.Semester

ELE 228	Electrical Machines and Drivers	3+1	4,0
ENO 204	Data Addition and Controlwith Computers	3+1	4,0
MAK 240	Hydraulic and Pneumatic Systems	3+1	4,0
MTR 214	**Mechatronics Applications in Industry**	**1+1**	**3,0**
MTR 299	Internship	0+2	5,0
	Area Elective Courses		**10,0**
			30,0

Area Elective Courses

ELE 215	Electromechanical Control Systems	3+1	4,0
ELO 211	**Mikroişlemciler/Mikrodenetley iciler**	**3+1**	**5,0**
ENO 208	Robot Technology	3+1	4,0
ENO 210	Microcontroller Based Control	3+1	4,0
ESTÜ 201	Turkish Sign Language	3+0	3,0
ESTÜ 401	Introduction to Professional Life	1+1	2,0
ETK 211	Professional Ethics	2+0	3,0
İME 201	**Vocational Training in Workplace I**	**5+10**	**15,0**
İME 202	**Vocational Training in Workplace II**	**5+10**	**15,0**
İŞL 209	Business Management	2+0	2,0
İŞL 421	Entrepreneurship	2+0	3,0
KGS 104	Quality Assurance and Standards	2+0	2,0
MAK 221	Computer Aided Design I	3+1	4,0

MAK 242	Administrating Management and Manufacturing Control	1+1	3,0
MAK 251	Energy Management	3+1	4,0
MAK 272	Computer Aided Design II	2+1	3,0
MAK 274	Computer Aided Machine Tools	2+1	4,0
MTR 204	Electro hydraulics/Electro pneumatics	2+1	4,0
MTR 207	Sensors and Transducers	1+1	3,0
MTR 208	Mechatronic System Design	1+1	3,0
MTR 210 (Eng)	Technical English	2+0	3,0
MTR 212	Process Measurements	3+1	3,0
MTR 218	Fuzzy Logic	3+1	4,0
MTR 222	Semicoductor Device Technology	3+1	4,0
TER 201	Thermodynamics	2+0	4,0

Elective Courses

BEÖ 155	Physical Education	2+0	2,0	ESTÜ 122	Guitar	3+1	3,0
ESTÜ 101	Introduction to University Life	0+1	2,0	ESTÜ 123	Gender Equality in Work Life	2+0	3,0
ESTÜ 103	Ceramic Design Processes	2+1	3,0	ESTÜ 125	Philosophy of Science	3+0	3,0
ESTÜ 104	Academic and Life Skills	2+1	3,0	ESTÜ 127	Diction	1+2	3,0
ESTÜ 106	Project Management	2+1	3,0	ESTÜ 129	Turkish as a Foreign Language I	2+0	2,0
ESTÜ 111	Volunteering Works	1+2	4,0	ESTÜ 130	Turkish as a Foreign Language II	2+0	2,0
ESTÜ 112	Cyber Security for Everyone	2+0	2,0	ESTÜ 203	Introduction to Sociology	3+0	3,0
ESTÜ 113	Design Thinking	3+0	3,0	ESTÜ 301	Science Communication	2+0	3,0
ESTÜ 114	Visual Thinking	3+0	3,0	**ESTÜ 307**	**Children Rights and Family Education**	**2+0**	**2,0**
ESTÜ 115	Photographic Viewpoint	2+1	3,0	ESTÜ 402	Coaching and Leadership	3+0	3,0
ESTÜ 116	Computer Aided Design I	3+0	3,0	ESTÜ 403	Basic Computer Utilization	3+0	4,0
ESTÜ 117	Computer Aided Design II	3+0	3,0	ESTÜ 405	Computer Programming	3+0	5,0
ESTÜ 118	Visual Thinking with Concepts	3+0	3,0	PMYO 198	Optional Internship	0+2	5,0
ESTÜ 119	Flute	3+1	3,0	SAN 155	Hall Dances	0+2	2,0
ESTÜ 120	Solfege	3+1	3,0	THU 203	Community Services	0+2	3,0
ESTÜ 121	Piano	3+1	3,0				

PROGRAM IN RADIO AND TELEVISION TECHNOLOGY

The maintenance and application of all the electronic equipments of audio and video production and editing in radio and television studios and broadcast centres, are thought. The workshops are provided by the Open Educational Faculty Radio and TV Production Center Studios located in campus. The latest technology is applied in studios for educational purposes. Our students have an opportunity to practise their theoric knowledge and to be integrated to business life by getting training in important enterprises about Radio and Television industry (TRT and Private Televisions). Students have to get training total 30 working days. The graduates get Radio & TV Technician title.

DERS PROGRAMI

I.Semester

II.Semester

ELO 111	Basic Electronic	2+1	3,0	İNG 188 (İng.)	English II	3+0	3,0
EMAT 101	Calculus I	3+0	3,0	İSG 401	Occupational Health and Safety I	2+0	2,0

Code	Course	Hours	ECTS	Code	Course	Hours	ECTS
FOT 107	Photography	2+1	4,0	RTV 114	General Communication	3+0	3,0
İNG 187 (İng.)	English I	3+0	3,0	RTV 116	Radyo Programming	2+2	4,0
RTV 121	Measurement and Maintenance at RTV	2+1	4,0	RTV 122	Camera and Lighting Technics	2+2	4,0
RTV 129	Image Technique	3+1	4,0	RTV 131	Radio-Television Broadcast Systems	2+2	4,0
RTV 133	Audio Technique	3+1	3,0	RTV 135	Studio Equipment and Usage	2+2	3,0
TAR 165	Atatürk's Principles and History of Turkish Revolution I	2+0	2,0	TAR 166	Atatürk's Principles and History of Turkish Revolution II	2+0	2,0
TÜR 125	Turkish Language I	2+0	2,0	TÜR 126	Turkish Language II	2+0	2,0
	Elective Courses		2,0		Elective Courses		*3,0*
			30,0				30,0

III.Semester				**IV.Semester**			
RTV 247	Digital Recording and Archiving	2+2	4,0	RTV 274	Interactive Television Applications	2+2	4,0
RTV 249	Video Editing Technics	2+2	4,0	RTV 280	TV Program Production Applications	2+3	5,0
RTV 259	Television Program Production Techniques	2+2	4,0	RTV 299	Internship	0+2	5,0
RTV 261	Text and Scenario Writing	2+2	4,0		Area Elective Courses		*16,0*
	Area Elective Courses		*14,0*				
			30,0				30,0

Area Elective Courses

Code	Course	Hours	ECTS	Code	Course	Hours	ECTS
ANİ 216	Graphic Animation at TV	2+1	3,0	RTV 269	Digital Broadcasting	2+1	4,0
BYT 218	Visual Narration	2+1	4,0	RTV 270	Sound Application	2+2	4,0
BYT 221	Types of Newspaper Articles	2+2	4,0	RTV 271	Social Media Content Production and Managament	2+2	4,0
ELO 103	Digital Electronics	3+1	4,0	RTV 273	Media Management	2+2	3,0
ESTÜ 201	Turkish Sign Language	3+0	3,0	RTV 275	Web TV Broadcasting	2+2	4,0
ESTÜ 401	Introduction to Professional Life	1+1	2,0	RTV 277	Digital Corporate Communication	2+1	3,0

Code	Course	Hours	Credit	Code	Course	Hours	Credit
ETK 211	Professional Ethics	2+0	3,0	RTV 279	Digital Culture and New Media	2+1	3,0
İŞL 421	Entrepreneurship	2+0	3,0	RTV 281	Digital Literacy	2+2	4,0
RTV 234	Working Life in Media	2+1	3,0	RTV 282	News Gathering and Writing Techniques	2+2	4,0
RTV 242	Video Editing Applications	1+2	3,0	RTV 283	Radio Program Preparation and Application	2+2	4,0
RTV 243	Kamera-Lighting Applications	2+2	3,0	RTV 284	Creative Writing	2+2	4,0
RTV 248	Television Advertising	2+1	3,0	RTV 285	Audio Description Practices	2+2	4,0
RTV 263	Short Film	2+2	4,0	RTV 286	Announcer and Iterviev Techniques	2+1	3,0
RTV 265	Media Literacy	2+1	3,0	RTV 287	News Analysis	2+2	4,0
RTV 267	Digital Communication Technologies	2+2	4,0	RTV 289	Digital Advertising	3+1	4,0

Elective Courses

Code	Course	Hours	Credit	Code	Course	Hours	Credit
BEÖ 155	Physical Education	2+0	2,0	ESTÜ 122	Guitar	3+1	3,0
ESTÜ 101	Introduction to University Life	0+1	2,0	ESTÜ 123	Gender Equality in Work Life	2+0	3,0
ESTÜ 103	Ceramic Design Processes	2+1	3,0	ESTÜ 125	Philosophy of Science	3+0	3,0
ESTÜ 104	Academic and Life Skills	2+1	3,0	ESTÜ 127	Diction	1+2	3,0
ESTÜ 106	Project Management	2+1	3,0	ESTÜ 129	Turkish as a Foreign Language I	2+0	2,0
ESTÜ 111	Volunteering Works	1+2	4,0	ESTÜ 130	Turkish as a Foreign Language II	2+0	2,0
ESTÜ 112	Cyber Security for Everyone	2+0	2,0	ESTÜ 203	Introduction to Sociology	3+0	3,0
ESTÜ 113	Design Thinking	3+0	3,0	ESTÜ 301	Science Communication	2+0	3,0
ESTÜ 114	Visual Thinking	3+0	3,0	**ESTÜ 307**	**Children Rights and Family Education**	**2+0**	**2,0**
ESTÜ 115	Photographic Viewpoint	2+1	3,0	ESTÜ 402	Basic Computer Utilization	3+0	3,0
ESTÜ 116	Computer Aided Design I	3+0	3,0	ESTÜ 403	Computer Programming	3+0	4,0
ESTÜ 117	Computer Aided Design II	3+0	3,0	ESTÜ 405	Coaching and Leadership	3+0	5,0
ESTÜ 118	Visual Thinking with Concepts	3+0	3,0	PMYO 198	Optional Internship	0+2	5,0
ESTÜ 119	Flute	3+1	3,0	SAN 155	Hall Dances	0+2	2,0
ESTÜ 120	Solfege	3+1	3,0	THU 203	Community Services	0+2	3,0

ESTÜ 121	Piano	3+1	3,0

DEPARTMENT OF AUDIO-VISUAL TECHNIQUES AND MEDIA PRODUCTION

PROGRAM IN PRINTING AND PUBLISHING TECHNOLOGIES

The printing industry, which started as one of the oldest professions in the world, continues to be up-to-date and valid in parallel with the development of information technologies. Today, rapid developments in printing technologies have increased the need for trained technical personnel. Our training program has been prepared to meet the qualified workforce needed by the sector. Our students graduate with the ability to bring together the necessary equipment for the design, printing and publication of all kinds of materials and turn them into products, as well as marketing and advertising. In order to train individuals who can work as managers and intermediate staff in printing-publishing businesses, the Department offers courses with experienced academic staff and up-to-date content.

PROGRAM

I.Semester				II.Semester				
BYT 101	Printing Equipment	2+1	3,0	BYT 104		Reproduction and Color Theory	3+0	4,0
BYT 103	Fonts and Typography	2+1	3,0	BYT 106		Computerized Page Design I	2+1	4,0
BYT 107	Printing and Publishing	2+1	3,0	BYT 108		Printing Management and Entrepreneurship llustration	2+0	3,0
BYT 109	Visual Culture	2+2	5,0	GTS 112			2+1	3,0
EMAT 101	Calculus I	3+0	4,0	İNG 188	(Eng)	English II	3+0	3,0
EST 101	Aesthetics and Design	2+1	3,0	İSG 401		Occupational Health and Safety I	2+0	2,0
İNG 187	(Eng) English I	3+0	3,0	TAR 166		Atatürk's Principles andHistory of Turkish Revolution II	2+0	2,0
TAR 165	Atatürk's Principles and History of TurkishRevolution I	2+0	2,0	TKY 102		Quality Management Systems in Production	2+1	4,0
TÜR 125	Turkish Language I	2+0	2,0	TÜR 126		Turkish Language II	2+0	2,0
	Elective Courses		*2,0*			Elective Courses		*3,0*
			30,0					30,0

		III.Semester				**IV.Semester**		
BYT 205		Binding and Cardboard Packing Production	2+2	4,0	BYT 202	Digital Printing Technology	2+2	4,0
BYT 207		Offset Printing Technology	2+2	4,0	BYT 210	Other Printing Techniques	3+1	4,0
BYT 209		Cost Calculation	2+2	4,0	BYT 299	Internship	0+2	5,0
BYT 211		Computerized Page DesignII	2+2	4,0	GRA 211	Web Design	1+1	3,0
GTS 212		Desktop Publishing	2+2	3,0		Area Elective Courses		*14*
		Area Elective Courses		*11,0*				
				30,0				30,0

Area Elective Courses

BYT 201	(Eng)	Technical English	3+0	3,0	BYT 221	Types of Newspaper Articles	2+2	4,0
BYT 213		Total Quality Management in Printing Industry	2+2	4,0	ESTÜ 201	Turkish Sign Language	3+0	3,0
BYT 214		Information Technology in Printing Industry	2+2	4,0	ESTÜ 401	Introduction to Professional Life	1+1	2,0
BYT 215		Product Planning and Management in Printing Industry	2+2	4,0	ETK 211	Professional Ethics	2+0	3,0
BYT 216		Grabhic Design on TV	2+1	4,0	FOT 107	Photography	2+1	3,0
BYT 218		Visual Narration	2+1	4,0	RTV 245	Radio Broadcasting Systems and Applications	2+1	4,0
BYT 219		Main Concepts in Media	2+1	4,0	RTV 265	Media Literacy	2+1	3,0
BYT 220		Artificial Intelligence and Social Media Management	2+1	4,0	RTV 269	Digital Broadcasting	2+2	4,0

Elective Courses

BEÖ 155	Physical Education	2+0	2,0	ESTÜ 121	Piano	3+1	3,0
BYT 152	Written and Verbal Communication	2+1	3,0	ESTÜ 122	Guitar	3+1	3,0

ESTÜ 101	Introduction to University Life	0+1	2,0	ESTÜ 123	Gender Equality in Work Life	2+0	3,0
ESTÜ 103	Ceramic Design Processes	2+1	3,0	ESTÜ 125	Philosophy of Science	3+0	3,0
ESTÜ 104	Academic and Life Skills	2+1	3,0	ESTÜ 127	Diction	1+2	3,0
ESTÜ 106	Project Management	2+1	3,0	ESTÜ 129	Turkish as a Foreign Language I	2+0	2,0
ESTÜ 111	Volunteering Works	1+2	4,0	ESTÜ 130	Turkish as a Foreign Language II	2+0	2,0
ESTÜ 112	Cyber Security for Everyone	2+0	2,0	ESTÜ 203	Introduction to Sociology	3+0	3,0
ESTÜ 113	Design Thinking	3+0	3,0	ESTÜ 301	Science Communication	2+0	3,0
ESTÜ 114	Visual Thinking	3+0	3,0	**ESTÜ 307**	**Children Rights and Family Education**	**2+0**	**2,0**
ESTÜ 115	Photographic Viewpoint	2+1	3,0	ESTÜ 402	Coaching and Leadership	3+0	3,0
ESTÜ 116	Computer Aided Design I	3+0	3,0	ESTÜ 403	Basic Computer Utilization	3+0	4,0
ESTÜ 117	Computer Aided Design II	3+0	3,0	ESTÜ 405	Computer Programming	3+0	5,0
ESTÜ 118	Visual Thinking with Concepts	3+0	3,0	PMYO 198	Optional Internship	0+2	5,0
ESTÜ 119	Flute	3+1	3,0	SAN 155	Hall Dances	0+2	2,0
ESTÜ 120	Solfege	3+1	3,0	THU 203	Community Services	0+2	3,0

DEPARTMENT OF CONSTRUCTION DIVISION

PROGRAM IN BUILDING INSPECTION

The aim of the program is to ensure that the qualified intermediate manpower needed by the construction industry in both production and after-sales service levels is trained in accordance with the quality and service philosophy that will meet the expectations of the age. Graduates will have the qualifications to meet the need for qualified personnel between the manager/engineer and the worker in the production and after-sales service sector or to open and run a business on their own behalf. The education of the building inspection technician will enable him to know the contemporary trends in advanced technology and information technologies.

PROGRAM

I.Semester					**II.Semester**		
EMAT 101		Calculus I	3+0	4,0	BİL 129	Information and Communication Technologies	2+1	3,0
İNG 187	(Eng)	English I	3+0	3,0	EMAT 102	Calculus II	3+0	4,0

Code	Course	Hours	ECTS	Code	Course	Hours	ECTS
MEK 104	Statics Strength of Materials	3+0	4,5	İNG 188 (Eng)	English II	3+0	3,0
TAR 165	Atatürk's Principles and History of Turkish Revolution I	2+0	2,0	İSG 401	Occupational Health and Safety I	2+0	2,0
TOP 102	Surveying	2+2	4,5	ŞPL 201	City Admiration and Environment	3+0	3,0
TÜR 125	Turkish Language I	2+0	2,0	TAR 166	Atatürk's Principles and History of Turkish Revolution II	2+0	2,0
YPD 101	Building Inspection	2+1	3,0	TEK 107	Scientific Principles of Technology	3+1	4,0
YPD 103	Structural Design I	3+1	4,0	TÜR 126	Turkish Language II	2+0	2,0
YPD 105	Construction and Material	3+0	3,0	YPD 102	Guidelines for Earthquake Resistant Constuction	2+0	2,0
				YPD 108	Building Electrical Installation Knowledge	2+0	3,0
					Elective Courses		*2,0*
			30,0				**30,0**

III.Semester   IV.Semester

Code	Course	Hours	ECTS	Code	Course	Hours	ECTS
İNŞ 229	Reinforced Concrete Design	2+2	4,0	İNŞ 230	Soil Improvement Methods	3+0	4,0
MEK 211	Soil Mechanics	3+0	4,0	MİM 216	Architectural ProjectAnalysis	2+1	3,0
YPD 205	Application of Building Inspection	2+2	4,0	YPD 208	Building Inspection and Legal Aspects of Reconstruction	2+1	3,0
YPD 207	Introduction to Computer Aided Design	2+1	3,0	YPD 299	Internship	0+2	5,0
	Mesleki Seçmeli Dersler		12,0		Area Elective Courses		*15,0*
	Elective Courses		3,0				
			30,0				**30,0**

Area Elective Courses

Code	Course	Hours	ECTS	Code	Course	Hours	ECTS
ESTÜ 201	Turkish Sign Language	3+0	3,0	YPD 202	Damage in Buildings	3+0	3,0
ESTÜ 401	Introduction to Professional Life	1+1	2,0	YPD 203	Technical English	2+0	2,0
İLT 105	General and Technical Communication	2+0	2,0	YPD 204	Building Site Organization	2+0	2,0
İNŞ 232	Analyses of Concrete	3+0	3,0	YPD 206	Structures and Earthquake	2+0	3,0

Code	Course	Hrs	Cr	Code	Course	Hrs	Cr
İNŞ 235	Methods of Concrete Technology	2+2	3,0	YPD 209	Traditional Building Materials	3+0	4,0
İNŞ 237	Application of Geotechnics	2+1	3,0	YPD 213	Laboratory Experiments in Building Inspection I	3+1	4,0
KGS 104	Quality Assurance and Standards	2+0	2,0	YPD 214	Laboratory Experiments in Building Inspection I	3+1	4,0
ŞPL 202	Plans of Map and Expropriation	2+0	3,0	YPD 215	Converting Buildings to Sustainable Green Buildings	3+0	4,0
TRA 203	Bridges and Tunnels	3+0	4,0	YPD 216	Alternative Building Materials	3+0	4,0
TRA 220	Road Knowledge	2+1	3,0	YPD 217	Land Ownership and Real Estate Valuation in Building Inspection	3+0	4,0
TRA 223	Geotechnics for Roads	2+2	4,0	YPD 218	Urban Transformation and Urban Planning in Building Inspection	3+0	4,0
YPD 104	Structural Design II	2+0	2,0	YPD 220	Logic, Science and Ethics in Building Inspection	3+0	4,0
YPD 201	Repairs and Strengthening of Structures	2+0	2,0	YPD 222	Fundamental Disaster Knowledge in Building Inspection	3+0	4,0

Elective Courses

Code	Course	Hrs	Cr	Code	Course	Hrs	Cr
BEÖ 155	Physical Education	2+0	2,0	ESTÜ 122	Guitar	3+1	3,0
ESTÜ 101	Introduction to University Life	0+1	2,0	ESTÜ 123	Gender Equality in Work Life	2+0	3,0
ESTÜ 103	Ceramic Design Processes	2+1	3,0	ESTÜ 125	Philosophy of Science	3+0	3,0
ESTÜ 104	Academic and Life Skills	2+1	3,0	ESTÜ 127	Diction	1+2	3,0
ESTÜ 106	Project Management	2+1	3,0	ESTÜ 129	Turkish as a Foreign Language I	2+0	2,0
ESTÜ 111	Volunteering Works	1+2	4,0	ESTÜ 130	Turkish as a Foreign Language II	2+0	2,0
ESTÜ 112	Cyber Security for Everyone	2+0	2,0	ESTÜ 203	Introduction to Sociology	3+0	3,0
ESTÜ 113	Design Thinking	3+0	3,0	ESTÜ 301	Science Communication	2+0	3,0
ESTÜ 114	Visual Thinking	3+0	3,0	**ESTÜ 307**	**Children Rights and Family Education**	**2+0**	**2,0**
ESTÜ 115	Photographic Viewpoint	2+1	3,0	ESTÜ 402	Coaching and Leadership	3+0	3,0
ESTÜ 116	Computer Aided Design I	3+0	3,0	ESTÜ 403	Basic Computer Utilization	3+0	4,0
ESTÜ 117	Computer Aided Design II	3+0	3,0	ESTÜ 405	Computer Programming	3+0	5,0
ESTÜ 118	Visual Thinking with Concepts	3+0	3,0	PMYO 198	Optional Internship	0+2	5,0
ESTÜ 119	Flute	3+1	3,0	SAN 155	Hall Dances	0+2	2,0

ESTÜ 120	Solfege	3+1	3,0	THU 203	Community Services	0+2	3,0
ESTÜ 121	Piano	3+1	3,0				

DEPARTMENT OF MACHINES AND METAL TECHNOLOGIES

PROGRAM IN MECHANICAL DRAWING AND CONSTRUCTION

The Machinery Drawing and Construction program is one of the associate degree programs that will form the backbone of the industry in the future as it is today. The aim of the program is to give theoretical and practical information about machine training, to introduce new technologies suitable for the changing conditions of the day, to teach computer aided design and production methods, and to gain the ability to prepare a program for numerically controlled benches; to educate about work discipline, management and organization principles, production and planning techniques, to teach measurement, control techniques and destructive and non-destructive testing methods, to provide theoretical and practical information on machining and chipless manufacturing methods and machine tools, hydraulic-pneumatic control systems.

PROGRAM

I.Semester				II.Semester			
EMAT 101	Calculus I	3+0	4,0	EMAT 102	Calculus II	3+0	4,0
İNG 187 (Eng)	English I	3+0	3,0	İNG 188 (Eng)	English II	3+0	3,0
MAK 105	Production and Manufacturing Technology I	3+1	4,0	İSG 401	Occupational Health and Safety I	2+0	2,0
MLZ 112	Materials Knowledge	3+0	3,0	MAK 106	Production and Manufacturing Technology II	3+1	3,0
MRK 109	Basic Principles in Machine Construction	2+0	2,0	MAK 115	Mechanical Drawing I	3+1	4,0
TAR 165	Atatürk's Principles andHistory of Turkish Revolution I	2+0	2,0	MEK 209	Mechanics of Materials (Dynamics)	3+0	3,0
TEK 107	Scientific Principles of Technology	3+1	4,0	MRK 110	Computer Aided Drawing	3+1	4,0
TRS 104	Technical Drawing	2+2	4,0	TAR 166	Atatürk's Principles andHistory of Turkish Revolution II	2+0	2,0
TÜR 125	Turkish Language I	2+0	2,0	TÜR 126	Turkish Language II	2+0	2,0
	Elective Courses		2,0		Elective Courses		*3,0*
			30,0				*30,0*

III.Semester	IV.Semester

Code	Course	Hours	ECTS	Code	Course	Hours	ECTS
MAK 221	Computer Aided Design I	3+1	4,0	**KLP 220**	**Mold Design**	**2+1**	**4,0**
MAK 229	Mechanical Science and Elements	3+1	4,0	MAK 240	Hydraulic and Pneumatic Systems	3+1	4,0
MAK 259	Machine Drawing II	3+1	4,0	MAK 272	Computer Aided Design II	2+1	3,0
MRK 223	**Industrial Measurement Techniques**	**1+1**	**3,0**	MRK 226	Unconventional Production Methods	3+0	4,0
	Area Elective Courses		15,0	MRK 299	Imtership	0+2	5,0
					Area Elective Courses		*10,0*
			30,0				30,0

Area Elective Courses

Code	Course	Hours	ECTS	Code	Course	Hours	ECTS
BTP 202	System Analysis and Design	2+2	4,0	MAK 257	Non-Destructive Testings	2+2	4,0
ELE 102	Basics of Electricity	2+2	3,0	MAK 261	Application of Engineering Science	2+2	4,0
ESTÜ 106	Project Management	2+1	3,0	**MAK 263**	**Material and Mechanical Testing**	**3+1**	**4,0**
ESTÜ 201	Turkish Sign Language	3+0	3,0	MAK 265	Machine Drawing Applications	2+2	4,0
ESTÜ 401	Introduction to Professional Life	1+1	2,0	MAK 278	Heat Treatment Technology	2+2	4,0
ETK 211	Professional Ethics	2+0	3,0	MRK 213	Technical English	3+0	3,0
İLT 105	General and Technical Communication	2+0	2,0	MRK 221	Construction Applications	2+2	4,0
İME 201	**Vocational Training in Workplace I**	**5+10**	**15,0**	**MRK 222**	**Construction**	**2+1**	**3,0**
İME 202	**Vocational Training in Workplace II**	**5+10**	**15,0**	MRK 224	Basic Maintenance Management	2+0	2,0
İŞL 421	Entrepreneurship	2+0	3,0	MRK 225	Computer Aided Manufacturing	3+1	4,0
KGS 104	Quality Assurance and Standards	2+0	2,0	MRK 227	Industrial Products Design	2+2	4,0
KLP 222	Molding Practices	2+2	4,0	MRK 229	Reverse Engineering and Additive Manufacturing Technology	3+1	4,0
MAK 242	Administrating Management and Manufacturing Control	1+1	3,0	MRK 231	Office Programs and Digital Data Management	3+1	4,0
MAK 251	Energy Management	3+1	4,0	MRK 233	Polymer Technology and Mold Processing	2+2	4,0

Elective Courses

BEÖ 155	Physical Education	2+0	2,0	ESTÜ121	Piano	3+1	3,0
ESTÜ 101	Introduction to University Life	0+1	2,0	ESTÜ122	Guitar	3+1	3,0
ESTÜ 103	Ceramic Design Processes	2+1	3,0	ESTÜ123	Gender Equality in Work Life	2+0	3,0
ESTÜ 104	Academic and Life Skills	2+1	3,0	ESTÜ125	Philosophy of Science	3+0	3,0
ESTÜ 106	Project Management	2+1	3,0	ESTÜ127	Diction	1+2	3,0
ESTÜ 111	Volunteering Works	1+2	4,0	ESTÜ129	Turkish as a Foreign Language I	2+0	2,0
ESTÜ 112	Cyber Security for Everyone	2+0	2,0	ESTÜ130	Turkish as a Foreign Language II	2+0	2,0
ESTÜ 113	Design Thinking	3+0	3,0	ESTÜ203	Introduction to Sociology	3+0	3,0
ESTÜ 114	Visual Thinking	3+0	3,0	ESTÜ301	Science Communication	2+0	3,0
ESTÜ 115	Photographic Viewpoint	2+1	3,0	ESTÜ402	Coaching and Leadership	3+0	3,0
ESTÜ 116	Computer Aided Design I	3+0	3,0	ESTÜ403	Basic Computer Utilization	3+0	4,0
ESTÜ 117	Computer Aided Design II	3+0	3,0	ESTÜ405	Computer Programming	3+0	5,0
ESTÜ 118	Visual Thinking with Concepts	3+0	3,0	PMYO198	Optional Internship	0+2	5,0
ESTÜ 119	Flute	3+1	3,0	SAN155	Hall Dances	0+2	2,0
ESTÜ 120	Solfege	3+1	3,0	THU203	Community Services	0+2	3,0
ESTÜ 307	**Children Rights and Family Education**	**2+0**	**2,0**				

DEPARTMENT OF DESING

GRAPHIC DESING PROGRAM

Graphic Design, reflecting the mutual interaction of consumer culture and folk culture; As a result of the development of the market economy, it is used as the most important tool in creating a body of messages that eliminates the communication gap between the producer companies and the consumers. It is determined by the effective promotion and admiration of the products we interact with in newspapers, television, and the Internet in all kinds of mass media, in other words, reaching its goal. This requires knowing and using many design criteria and graphic principles, from the selection of the appropriate target audience to the customer requests, from the slogan to the images chosen, from the color used to the composition created. With the Graphic Design program, it is aimed to meet the need for qualified workforce in the field.

PROGRAM

I.Semester				II.Semester			
BİL 129	Information and Communication Technologies	2+1	3,0	EST 106	Aesthetics	2+1	2,0
EMAT 101	Calculus I	3+0	4,0	GTS 110	Introduction Graphic Design	2+1	3,0

FOT 107		Photography	2+1	3,0	GTS 112	Illustration	2+1	3,0
GTS 111		Pattern	2+1	3,5	İNG 188 (Eng)	English II	3+0	3,0
İNG 187 (Eng)		English I	3+0	3,0	İSG 401	Occupational Health andSafety I	2+0	2,0
SAN 111		Fundamental Art Education I	3+0	3,0	SAN 112	Fundamental Art Education II	3+0	3,0
SNT 111		History of Arts I	2+0	2,0	SNT 114	History of Art II	2+0	3,0
TAR 165		Atatürk's Principles and History of Turkish Revolution I	2+0	2,0	TAR 166	Atatürk's Principles and History of Turkish Revolution II	2+0	2,0
TİP 113		Typography	2+1	2,5	TRS 104	Technical Drawing	2+2	4,0
TÜR 125		Turkish Language I	2+0	2,0	TÜR 126	Turkish Language II	2+0	2,0
		Elective Courses		2,0		Elective Courses		*3,0*
				30,0				30,0

III.Semester

IV.Semester

ANI 225	Animation	2+1	3,0	GTS 212	Desktop Publishing	2+2	3,0
GRA 211	Web Design	1+1	3,0	GTS 218	Computer Aided Graphic Design II	2+1	3,0
GTS 217	Computer Aided Graphic Design I	2+1	3,0	GTS 220	Original Printmaking II	2+2	4,0
GTS 219	Original Printmaking I	2+1	3,0	GTS 222	Packing Design II	2+1	3,0
GTS 221	Packing Design I	2+1	3,0	GTS 226	Visual Communication and Advertising	2+1	3,0
	Area Elective Courses		15,0	GTS 299	Internship	0+2	5,0
					Area Elective Courses		*9,0*
				30,0				30,0

Area Elective Courses

ESTÜ 103	Ceramic Design Processes	2+1	3,0	GTS 213	Portfolio Design	3+0	4,0

ESTÜ 201	Turkish Sign Language	3+0	3,0	GTS 223	Plastic Arts	2+1	4,0
ESTÜ 401	Introduction to Professional Life	1+1	2,0	GTS 225	Critical Thinking and Creavity	3+0	4,0
ETK 211	Professional Ethics	2+0	3,0	GTS 232	Illustrator Graphic Applications	3+1	3,0
GTS 201	Visual Communication Design	2+2	5,0	GTS 236	3D Design	2+2	4,0
GTS 205	Printing Techniques	3+0	4,0	GTS 238	Design Culture	3+0	4,0
GTS 208	Technical English	3+0	3,0	GTS 240	Advanced Illustrator Graphic Applications	2+1	4,0
GTS 211	Graphic Applications	2+1	3,0	TİP 204	Typography Applications	1+1	3,0

Elective Courses

BEÖ 155	Physical Education	2+0	2,0	ESTÜ 122	Guitar	3+1	3,0
ESTÜ 101	Introduction to University Life	0+1	2,0	ESTÜ 123	Gender Equality in Work Life	2+0	3,0
ESTÜ 104	Academic and Life Skills	2+1	3,0	ESTÜ 125	Philosophy of Science	3+0	3,0
ESTÜ 106	Project Management	2+1	3,0	ESTÜ 127	Diction	1+2	3,0
ESTÜ 111	Volunteering Works	1+2	4,0	ESTÜ 129	Turkish as a Foreign Language I	2+0	2,0
ESTÜ 112	Cyber Security for Everyone	2+0	2,0	ESTÜ 130	Turkish as a Foreign Language II	2+0	2,0
ESTÜ 113	Design Thinking	3+0	3,0	ESTÜ 203	Introduction to Sociology	3+0	3,0
ESTÜ 114	Visual Thinking	3+0	3,0	ESTÜ 301	Science Communication	2+0	3,0
ESTÜ 115	Photographic Viewpoint	2+1	3,0	**ESTÜ 307**	**Children Rights and Family Education**	**2+0**	**2,0**
ESTÜ 116	Computer Aided Design I	3+0	3,0	ESTÜ 402	Coaching and Leadership	3+0	3,0
ESTÜ 117	Computer Aided Design II	3+0	3,0	ESTÜ 403	Basic Computer Utilization	3+0	4,0
ESTÜ 118	Visual Thinking with Concepts	3+0	3,0	ESTÜ 405	Computer Programming	3+0	5,0
ESTÜ 119	Flute	3+1	3,0	PMYO 198	Optional Internship	0+2	5,0
ESTÜ 120	Solfege	3+1	3,0	SAN 155	Hall Dances	0+2	2,0
ESTÜ 121	Piano	3+1	3,0	THU 203	Community Services	0+2	3,0

COURSE CONTENTS

İME 201   **Vocational Training in Workplace II**   **5+10 15,0**

Knowing the Workplaces: Organizational structure, Hierarchical position of the student, Work discipline and rules; Safety: Occupational health and safety, Working rules, Protective equipment; Production process: Observation and simple application of the production process, use of theoretical knowledge; Professional communication: The ability to communicate with personnel in horizontal and vertical positions in the workplace.

İME 202   **Vocational Training in Workplace II**   **5+10 15,0**

Workplaces Working Rules and Conditions: Occupational health and safety, Knowledge and use of protective equipment; Production System and Method: Monitoring the production process and being involved in the production process under the supervision of the management training officer; Use of Appropriate Equipment and Materials; Problem Solving; Professional communication: Written and verbal professional communication skills; Profession and Technology: Following, analyzing and evaluating technological developments in the field.

"The contents of the newly opened courses in the 2023-2024 Academic Year are available above. You can access other course contents from the 2022-2023 Academic Year course contents section."