

SAĞLIK BİLİMLERİ ÜNİVERSİTESİ										
FAKÜLTE		Hamidiye Sağlık Hizmetleri Meslek Yüksekokulu (İstanbul)								
PROGRAM		Biyomedikal Cihaz Teknolojisi								
1.Dönem/Yıl										
Dönem	Türü(Z/S)	Dersin Kodu	Dersin Türkçe Adı	Dersin İng. Adı	T	U	L	K	AKTS	
1	Z	AIIT 00 001 01 0	ATATÜRK İLKELERİ VE İNKILAP TARİHİ I	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION I	2	0	0	2	2	
1	Z	TRDL 00 004 01 0	TÜRK DİLİ I	TURKISH LANGUAGE I	2	0	0	2	2	
1	Z	INGL 00 005 01 0	İNGİLİZCE I	ENGLISH I	2	0	0	2	2	
1	Z	MATE 04 006 01 0	MATEMATİK I	MATHEMATICS I	2	0	0	2	2	
1	Z	BCTG 04 006 00 1	BİYOMEDİKAL CİHAZ TEKNOLOJİSİNE GİRİŞ	INTRODUCTION TO BIOMEDICAL DEVICE TECHNOLOGY	2	0	0	2	2	
1	Z	DADA 04 006 00 1	DOĞRU AKIM DEVRE ANALİZİ	DIRECT CURRENT CIRCUIT ANALYSIS	3	1	0	3	4	
1	Z	EEOT 04 006 00 0	ELEKTRİK ELEKTRONİK ÖLÇME TEKNİĞİ	ELEKTRICAL ELECTRONIC MEASUREMENT TECHNICS	2	2	0	3	4	
1	Z	ELKT 04 006 00 1	ELEKTRONİK	ELECTRONICS	3	1	0	3	4	
1	S	SECD 04 006 01 0	SEÇMELİ DERS I	ELECTIVE COURSE I	2	0	0	2	2	
1	S	MSEC 04 006 01 0	MESLEKİ SEÇMELİ DERS I	PROFESSIONAL ELECTIVE COURSE I	3	0	0	3	3	
1	S	ANFZ 04 006 00 2	ANATOMİ VE FİZYOLOJİ	ANATOMY AND PHYSIOLOGY	3	0	0	3	3	
1	S	TILK 04 006 00 0	TEMEL İLK YARDIM	BASIC FIRST AID	2	0	0	2	3	
1	S	TTER 04 006 00 0	TIBBİ TERMİNOLOJİ	MEDICAL TERMINOLOGY	2	0	0	2	3	
1	S	TBIL 04 006 00 0	TIBBİ BİLİŞİM	MEDICAL INFORMATICS	2	0	0	2	3	
1	S	BDDT 04 006 00 1	BİLGİSAYAR DESTEKLİ DEVRE TASARIMI	COMPUTER AIDED CIRCUIT DESIGN	2	2	0	3	3	
1	S	ALGO 04 006 00 1	ALGORİTMA	ALGORITHM	2	0	0	2	3	
1	S	MSEC 04 006 02 0	MESLEKİ SEÇMELİ DERS II	PROFESSIONAL ELECTIVE COURSE II	3	0	0	3	3	
1	S	ANFZ 04 006 00 2	ANATOMİ VE FİZYOLOJİ	ANATOMY AND PHYSIOLOGY	3	0	0	3	3	
1	S	TILK 04 006 00 0	TEMEL İLK YARDIM	BASIC FIRST AID	2	0	0	2	3	
1	S	TTER 04 006 00 0	TIBBİ TERMİNOLOJİ	MEDICAL TERMINOLOGY	2	0	0	2	3	
1	S	TBIL 04 006 00 0	TIBBİ BİLİŞİM	MEDICAL INFORMATICS	2	0	0	2	3	
1	S	BDDT 04 006 00 1	BİLGİSAYAR DESTEKLİ DEVRE TASARIMI	COMPUTER AIDED CIRCUIT DESIGN	2	2	0	3	3	
1	S	ALGO 04 006 00 1	ALGORİTMA	ALGORITHM	2	0	0	2	3	
					26	4	0	27	30	
2.Dönem/Yıl										
Dönem	Türü(Z/S)	Dersin Kodu	Dersin Türkçe Adı	Dersin İng. Adı	T	U	L	K	AKTS	
2	Z	AIIT 00 001 02 0	ATATÜRK İLKELERİ VE İNKILAP TARİHİ II	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II	2	0	0	2	2	
2	Z	TRDL 00 004 02 0	TÜRK DİLİ II	TURKISH LANGUAGE II	2	0	0	2	2	
2	Z	INGL 00 005 02 0	İNGİLİZCE II	ENGLISH II	2	0	0	2	2	
2	Z	MATE 04 006 02 0	MATEMATİK II	MATHEMATICS II	2	0	0	2	2	
2	Z	AADA 04 006 00 1	ALTERNATİF AKIM DEVRE ANALİZİ	ALTERNATING CURRENT CIRCUIT ANALYSIS	3	1	0	3	4	
2	Z	SAEL 04 006 00 1	SAYISAL ELEKTRONİK	DIGITAL ELECTRONICS	3	1	0	3	4	
2	Z	FISC 04 006 00 1	FİZYOLOJİK SİNYALLER VE CİHAZLARI	PHYSIOLOGICAL SIGNALS AND DEVICES	3	0	0	3	4	
2	S	SECD 04 006 02 1	SEÇMELİ DERS II	ELECTIVE COURSE II	2	0	0	2	2	
2	S	SECD 04 006 03 0	SEÇMELİ DERS III	ELECTIVE COURSE III	2	0	0	2	2	
2	S	MSEC 04 006 03 0	MESLEKİ SEÇMELİ DERS III	PROFESSIONAL ELECTIVE COURSE III	3	0	0	3	3	

2	S	BSIG 04 006 00 1	BİYOMEDİKAL SERVİSLERİNDE İŞ GÜVENLİĞİ	OCCUPATIONAL SAFETY IN BIOMEDICAL SERVICES	2	0	0	2	3
2	S	BIPR 04 006 00 1	BİLGİSAYAR PROGRAMLAMA	COMPUTER PROGRAMMING	2	2	0	3	3
2	S	METİ 04 006 00 1	MESLEK ETİĞİ	PROFESSIONAL ETHICS	2	0	0	2	3
2	S	FZTC 04 006 00 1	FİZİK TEDAVİ CİHAZLARI	PHYSICS TREATMENT DEVICES	3	0	0	3	3
2	S	MESI 04 006 00 1	MESLEKİ İNGİLİZCE	PROFESSIONAL ENGLISH	2	0	0	2	3
2	S	TEEL 04 006 00 1	TEMEL ELEKTRİK LABORATUVARI	BASIC ELECTRICAL LABORATORY	2	2	0	3	3
2	S	MSEC 04 006 04 0	MESLEKİ SEÇMELİ DERS IV	PROFESSIONAL ELECTIVE COURSE IV	3	0	0	3	3
2	S	BSIG 04 006 00 1	BİYOMEDİKAL SERVİSLERİNDE İŞ GÜVENLİĞİ	OCCUPATIONAL SAFETY IN BIOMEDICAL SERVICES	2	0	0	2	3
2	S	BIPR 04 006 00 1	BİLGİSAYAR PROGRAMLAMA	COMPUTER PROGRAMMING	2	2	0	3	3
2	S	METİ 04 006 00 1	MESLEK ETİĞİ	PROFESSIONAL ETHICS	2	0	0	2	3
2	S	FZTC 04 006 00 1	FİZİK TEDAVİ CİHAZLARI	PHYSICS TREATMENT DEVICES	3	0	0	3	3
2	S	MESI 04 006 00 1	MESLEKİ İNGİLİZCE	PROFESSIONAL ENGLISH	2	0	0	2	3
2	S	TEEL 04 006 00 1	TEMEL ELEKTRİK LABORATUVARI	BASIC ELECTRICAL LABORATORY	2	2	0	3	3
					27	2	0	27	30

3.Dönem/Yıl

Dönem	Türü(Z/S)	Dersin Kodu	Dersin Türkçe Adı	Dersin İng. Adı	T	U	L	K	AKTS
3	Z	ISME 04 006 01 1	İŞLETMEDE MESLEKİ EĞİTİM I	PROFESSIONAL TRAINING IN THE BUSINESS I	0	16	0	8	9
3	Z	BPRO 04 006 00 0	BİYOMEKANİK VE PROTEZLER	BIOMECHANIC AND PROSTHESIS	3	0	0	3	4
3	Z	SALC 04 006 00 0	SAĞLIK LABORATUAR VE CİHAZLARI	HEALTHCARE LABORATORY AND DEVICES	3	0	0	3	4
3	Z	TGCI 04 006 00 1	TIBBİ GÖRÜNTÜLEME VE CİHAZLARI	MEDICAL IMAGING AND DEVICES	3	0	0	3	4
3	S	MSEC 04 006 05 0	MESLEKİ SEÇMELİ DERS V	PROFESSIONAL ELECTIVE COURSE V	3	0	0	3	3
3	S	TCKY 04 006 00 1	TIBBİ CİHAZLARDA KALİTE YÖNETİM SİSTEMİNİN KURULMASI	ESTABLISHMENT OF QUALITY MANAGEMENT SYSTEM IN MEDICAL DEVICES	3	0	0	3	3
3	S	BCAB 04 006 00 2	BİYOMEDİKAL CİHAZLARDA ARIZA BULMA VE BAKIM	TROUBLESHOOTING AND MAINTENANCE IN BIOMEDICAL DEVICES	3	0	0	3	3
3	S	BUBT 04 006 00 1	BİLGİSAYAR DESTEKLİ ÜÇ BOYUTLU TASARIM	COMPUTER AIDED THREE DIMENSIONAL DESIGN	2	2	0	3	3
3	S	MKRD 04 006 00 1	MİKRODENETLEYİCİLER	MICROCONTROLLERS	2	2	0	3	3
3	S	GUEL 04 006 00 1	GÜÇ ELEKTRONİĞİ	POWER ELECTRONICS	3	0	0	3	3
3	S	YADC 04 006 00 1	YAŞAM DESTEK CİHAZLARI	LIFE SUPPORT DEVICES	3	0	0	3	3
3	S	EMVK 04 006 00 1	ELEKTRİK MAKİNELERİ VE KUMANDA	ELECTRICAL MACHINES AND CONTROL	3	0	0	3	3
3	S	SVST 04 006 00 1	SİSTEMLER VE SİSTEM TASARIMI	SYSTEMS AND SYSTEM DESIGN	3	0	0	3	3
3	S	MSEC 04 006 06 0	MESLEKİ SEÇMELİ DERS VI	PROFESSIONAL ELECTIVE COURSE VI	3	0	0	3	3
3	S	TCKY 04 006 00 1	TIBBİ CİHAZLARDA KALİTE YÖNETİM SİSTEMİNİN KURULMASI	ESTABLISHMENT OF QUALITY MANAGEMENT SYSTEM IN MEDICAL DEVICES	3	0	0	3	3
3	S	BCAB 04 006 00 2	BİYOMEDİKAL CİHAZLARDA ARIZA BULMA VE BAKIM	TROUBLESHOOTING AND MAINTENANCE IN BIOMEDICAL DEVICES	3	0	0	3	3
3	S	BUBT 04 006 00 1	BİLGİSAYAR DESTEKLİ ÜÇ BOYUTLU TASARIM	COMPUTER AIDED THREE DIMENSIONAL DESIGN	2	2	0	3	3
3	S	MKRD 04 006 00 1	MİKRODENETLEYİCİLER	MICROCONTROLLERS	2	2	0	3	3
3	S	GUEL 04 006 00 1	GÜÇ ELEKTRONİĞİ	POWER ELECTRONICS	3	0	0	3	3
3	S	YADC 04 006 00 1	YAŞAM DESTEK CİHAZLARI	LIFE SUPPORT DEVICES	3	0	0	3	3
3	S	EMVK 04 006 00 1	ELEKTRİK MAKİNELERİ VE KUMANDA	ELECTRICAL MACHINES AND CONTROL	3	0	0	3	3
3	S	SVST 04 006 00 1	SİSTEMLER VE SİSTEM TASARIMI	SYSTEMS AND SYSTEM DESIGN	3	0	0	3	3
3	S	MSEC 04 006 07 0	MESLEKİ SEÇMELİ DERS VII	PROFESSIONAL ELECTIVE COURSE VII	3	0	0	3	3
3	S	TCKY 04 006 00 1	TIBBİ CİHAZLARDA KALİTE YÖNETİM SİSTEMİNİN KURULMASI	ESTABLISHMENT OF QUALITY MANAGEMENT SYSTEM IN MEDICAL DEVICES	3	0	0	3	3

3	S	BCAB 04 006 00 2	BİYOMEDİKAL CİHAZLARDA ARIZA BULMA VE BAKIM	TROUBLESHOOTING AND MAINTENANCE IN BIOMEDICAL DEVICES	3	0	0	3	3
3	S	BUBT 04 006 00 1	BİLGİSAYAR DESTEKLİ ÜÇ BOYUTLU TASARIM	COMPUTER AIDED THREE DIMENSIONAL DESIGN	2	2	0	3	3
3	S	MKRD 04 006 00 1	MİKRODENETLEYİCİLER	MICROCONTROLLERS	2	2	0	3	3
3	S	GUEL 04 006 00 1	GÜÇ ELEKTRONİĞİ	POWER ELECTRONICS	3	0	0	3	3
3	S	YADC 04 006 00 1	YAŞAM DESTEK CİHAZLARI	LIFE SUPPORT DEVICES	3	0	0	3	3
3	S	EMVK 04 006 00 1	ELEKTRİK MAKİNELERİ VE KUMANDA	ELECTRICAL MACHINES AND CONTROL	3	0	0	3	3
3	S	SVST 04 006 00 1	SİSTEMLER VE SİSTEM TASARIMI	SYSTEMS AND SYSTEM DESIGN	3	0	0	3	3
					18	16	0	26	30

4.Dönem/Yıl

Dönem	Türü(Z/S)	Dersin Kodu	Dersin Türkçe Adı	Dersin İng. Adı	T	U	L	K	AKTS
4	Z	ISME 04 006 02 0	İŞLETMEDE MESLEKİ EĞİTİM II	PROFESSIONAL TRAINING IN THE BUSINESS II	0	24	0	12	12
4	Z	YAZS 04 006 00 0	YAZ STAJI	SUMMER INTERNSHIP	0	0	0	0	6
4	Z	PROJ 04 006 00 0	PROJE	PROJECT	0	3	0	1	3
4	Z	STEC 04 006 00 1	STERİLİZASYON VE CİHAZLARI	STERILIZATION AND DEVICES	3	0	0	3	3
4	Z	TCTK 04 006 00 0	TIBBİ CİHAZLARDA TEST, KONTROL VE KALİBRASYON	TEST, CONTROL AND CALIBRATION ON MEDICAL DEVICES	3	0	0	3	3
4	S	MSEC 04 006 08 0	MESLEKİ SEÇMELİ DERS VIII	PROFESSIONAL ELECTIVE COURSE VIII	3	0	0	3	3
4	S	BIMA 04 006 00 1	BİYOMALZEMELER	BIOMATERIALS	3	0	0	3	3
4	S	BIBT 04 006 00 1	BİLGİSAYAR DESTEKLİ İKİ BOYUTLU TASARIM	COMPUTER AIDED TWO DIMENSIONAL DESIGN	2	2	0	3	3
4	S	GRSM 04 006 00 1	GİRİŞİMCİLİK	ENTREPRENEURSHIP	2	0	0	2	3
4	S	MUVT 04 006 00 1	MALZEME ÜRETİMİ VE TEKNOLOJİLERİ	MATERIAL MANUFACTURING AND TECHNOLOGIES	3	0	0	3	3
4	S	SIIT 04 006 00 1	SİNYAL İŞLEME TEKNİKLERİ	SIGNAL PROCESSING TECHNIQUES	3	0	0	3	3
4	S	IYUY 04 006 00 1	İŞLEMSEL YÜKSELTEÇ UYGULAMALARI	OPERATIONAL AMPLIFIER APPLICATIONS	3	0	0	3	3
4	S	TCYD 04 006 00 1	TIBBİ CİHAZ YASAL DÜZENLEMELERİ VE SÜREÇLER	MEDICAL DEVICE REGULATIONS AND PROCESSES	3	0	0	3	3
					9	27	0	22	30