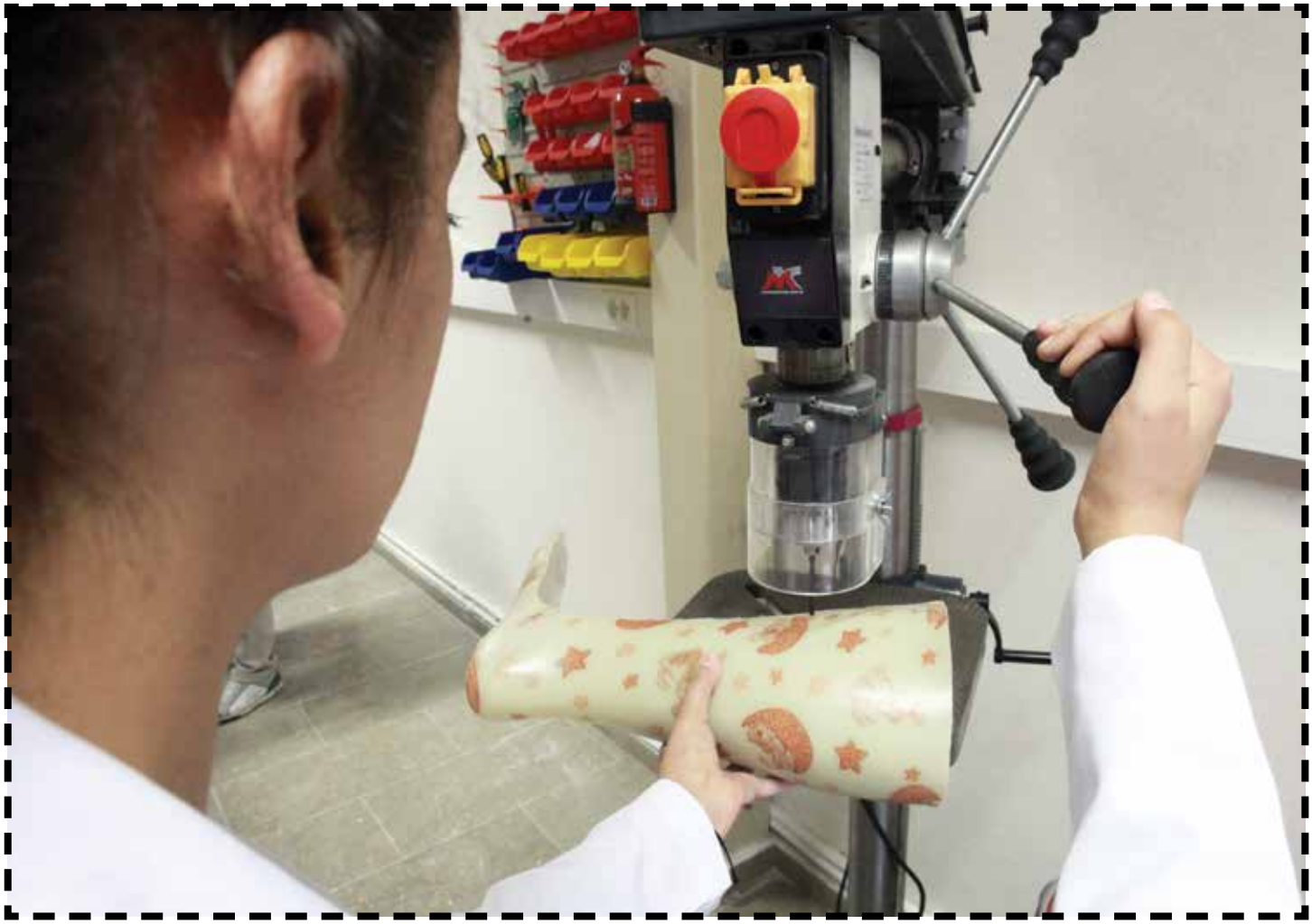
Türkiye's Brain Base

ORTHOPEDIC PROSTHETICS AND ORTHOTICS PROGRAM

Instructor Language: Turkish English Preparatory Year: Optional Score Type: TYT



A prosthesis is an artificial organ made in the loss of an organ or limb. Orthoses are assistive devices applied to body parts that need to be supported, protected, fixed or corrected for any reason. Orthopedic Prosthesis and Orthotics Technician worksl in the construction of artificial organs (prostheses) that will partially fulfill the functions of these organs or auxiliary devices (orthoses) applied to the parts of the body that need to be supported, protected and corrected n case of loss of hands, feet and similar organs.

Features required by the Profession

Those who want to be an Orthopedic Prosthesis and Orthotics Technician, they should be meticulous and careful people who have hand and finger dexterity, the ability to perceive shape and space relations. Individual who will work in this profession should not have allergies to dust and chemicals.

Working Environment and Conditions

Orthopedic Prosthesis and Orthotics Technicians work in a workshop environment. The working environment may be contaminated with gypsum and gypsum dust. Work is usually carried out standing up.

Employment Opportunities

An Orthopedic Prosthesis and Orthotics Technician can be staffed personnel as Health Technician in hospitals. There is also a need for trained personnel in private workplaces operating in this field. In addition, professionals have the opportunity to open their own business. Since Orthopedic Prosthesis and Orthotics is a constantly developing branch, the need for personnel in this field is increasing.

Advancement in Career

If those who successfully complete the associate degree program are successful in the Vertical Transfer Exam conducted by ÖSYM, they can transfer to undergraduate programs such as Emergency Aid and Disaster Management, Biomedical Engineering, Occupational Therapy, Physiotherapy and Rehabilitation, Orthotics and Prosthesis, Health Management, as well as open education undergraduate programs such as Emergency and Disaster Management, Labor Economics and Industrial Relations, Economics, Public Administration, Finance, International Relations, Business, Public Relations and Advertising, Public Relations and Publicity, Political Science and Public Administration, Tourism Management, Health Management.

CURRICULUM

FIRST YEAR											
FALL SEMESTER (First Semester)						SPRING SEMESTER (Second Semester)					
Code	**Course Title**	**T**	**A**	**C**	**ECTS**	**Code**	**Course Title**	**T**	**A**	**C**	**ECTS**
MYO101	BASIC ANATOMY and PHYSIOLOGY	3	0	3	4	OPO116	INTRODUCTION TO PROSTHESIS*	2	2	3	5
OPO115	VOCATIONAL TECHNOLOGY I	2	0	2	4	OPO128	MATERIAL INFORMATION II	2	0	2	3
OPO101	MATERIAL INFORMATION I	2	0	2	3	FTP213	KINESIOLOGY	2	0	2	4
OPO119	PATTERN AND MODEL	2	0	2	4	OPO132	INTRODUCTION TO ORTHETICS*	2	2	3	6
RPSI209	POSITIVE PSYCHOLOGY AND COMMUNICATION SKILLS (UEC)	2	0	2	3	OPO134	PROFESSIONAL TECHNOLOGY II (DEC)	2	0	2	4
INGU101	ENGLISH I	3	0	3	3	INGU102	ENGLISH II	3	0	3	3
TURK101	TURKISH LANGUAGE I	2	0	2	3	TURK102	TURKISH LANGUAGE II	2	0	2	3
ATA101	ATATÜRK'S PRINCIPLES AND HISTORY OF REVOLUTION I	2	0	2	3	ATA102	ATATÜRK'S PRINCIPLES AND HISTORY OF REVOLUTION II	2	0	2	3
RKUL101	UNIVERSITY CULTURE I* (UEC)	0	2	1	1	RKUL102	UNIVERSITY CULTURE II* (UEC)	0	2	1	1
TOTAL		**18**	**2**	**19**	**28**	**TOTAL**		**17**	**6**	**20**	**32**

SECOND YEAR											
FALL SEMESTER (Third Semester)						SPRING SEMESTER (Fourth Semester)					
Code	**Course Title**	**T**	**A**	**C**	**ECTS**	**Code**	**Course Title**	**T**	**A**	**C**	**ECTS**
OPO207	PROSTHESIS I* (DEC)	2	4	4	8	OPO204	PROSTHESIS II*	2	4	4	8
MET101	PROFESSIONAL ETHICS *(DEC)	2	0	2	2	OPO208	PROSTHESIS ANALYSIS AND EVALUATION	2	0	2	3
OPO223	ORTHESIS I* (DEC)	2	4	4	8	OPO212	ORTHESIS II*	2	4	4	8
OPO221	ORTHESIS ANALYSIS AND EVALUATION	2	0	2	4	OPO224	BİYOMEDİKAL TEKNOLOJİ (DEC)	2	0	2	2
OPO229	CLINICAL DISEASES IN PROSTHETIC ORTHOSIS	2	0	2	3		BIOMEDICAL TECHNOLOGY (DEC)	2	0	2	2
ILK101	FIRST AID	2	0	2	3	OPO999	INTERNSHIP***	0	20 work days	0	9
TOTAL		**12**	**8**	**16**	**28**	**TOTAL**		**10**	**8**	**14**	**32**

(T) THEORETICAL HOUR (A) APPLICATION HOUR (C) LOCAL CREDIT (ECTS) EUROPEAN CREDIT TRANSFER SYSTEM

DEC: Departmental Elective Courses

UEC: University Elective Courses

CRITERIA REQUIRED FOR GRADUATION	
THEORETICAL HOUR	57
APPLICATION HOUR	24
LOCAL CREDIT	69
ECTS	120
TOTAL ECTS OF ELECTIVE COURSES (UNIVERSITY + DEPARTMENT + VS)	31
(25% of TOTAL ECTS)	30

* Applied Course

** Vocational Education in Business

***Internship