

PROSTHETICS AND REHABILITATION

1	Course Title:	PROSTHETICS AND REHABILITATION
2	Course Code:	FTR3009
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	5
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç. Dr. Özden ÖZKAL
15	Course Lecturers:	-
16	Contact information of the Course Coordinator:	Dr. Öğr. Üyesi Özden ÖZKAL e-posta:ozdenozkal@uludag.edu.tr tel:0224-2942450/55372 Adres: Bursa Uludağ Üniversitesi Sağlık Bilimleri Fakültesi Fizyoterapi ve Rehabilitasyon Bölümü Görükle Kampüsü-Bursa
17	Website:	
18	Objective of the Course:	To give information about prostheses, indications, applications, modifications and possible complications; to provide an understanding of amputee rehabilitation. To gain the ability to plan and implement the appropriate treatment program for amputees.
19	Contribution of the Course to Professional Development:	Within the scope of this course, students are given the ability to prepare a personalized prosthesis rehabilitation program by choosing appropriate evaluation methods for amputees.
20	Learning Outcomes:	
	1	Recognize the parts that make up the prosthesis and have information about the production processes.
	2	Decides the appropriate prosthesis for the patient with amputated or congenital limb deficiency.
	3	Plans and applies the necessary evaluations according to the rehabilitation stages in patients with prosthesis indications.
	4	Checks the fit of the prosthesis in patients using prosthesis, makes the necessary biomechanical adjustments and analyzes the results.
	5	Gain awareness of advanced technological applications in the field of prosthesis and rehabilitation.
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice

1	Introduction to prosthesis, History of lower extremity prostheses	
2	Causes and levels of lower extremity prostheses	
3	Prosthetic feet	
4	Partial foot and Syme Prostheses	
5	Below Knee Prosthesis	
6	Knee Disarticulation Prosthesis	
7	Above Knee Prostheses	
8	Hip Disarticulation and Hemipelvectomy prostheses	
9	Congenital Anomalies and Prosthesis Applications	
10	Early Prosthetic Applications	
11	History of Upper Extremity Prostheses, Causes and levels of amputation	
12	Components of Upper Extremity Prostheses	
13	Myoelectric Prostheses	
14	New Developments in Prosthesis	

Activities			Number	Duration (hour)	Total Work Load (hour)
Theoretical			51	14.00	714.00
Practicals/Labs			0	0.00	0.00
Self study and preparation			14	4.00	56.00
Homeworks			0	0.00	0.00
Mid-term Exam	1	40.00		0.00	0.00
Field Studies			0	0.00	0.00
Minor work project	0	0.00		1.00	1.00
Others			0	0.00	0.00
Final Exams	2	100.00		1.00	1.00
Total Work Load					86.00
Total work load/ 30 hr					2.87
ECTS Credit of the Course					3.00
Total			100.00		
Measurement and Evaluation Techniques Used in the Course			Relative evaluation		

[illegible]

ÖK3	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	5	5	3	0	0	3	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	4	0	0	4	0	3	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			