

Course Description

Department: Medical Rehabilitation Sciences

1439-1440 H Academic Year – Semester-II

Office: Tel: **017241** Ext: E-mail: gibrahim@kku.edu.sa

Course name	ORTHOTICS & PROSTHETICS
Course number	(PTH 325)
Credit Hours (teaching units)	15(30 contact)
College	College of Applied Medical Sciences
Targeted Students	Year19 (level 6)
Pre-requisite	----
Name of Coordinator	Dr/Ghada Koura

Course Description

The **course** is designed to assess the students to acquire the knowledge of the normal physiology of human body and understand the alteration in the physiology for the fabrication of the **prosthesis** and **orthosis**.

Main Textbook

Orthotics and Prosthetics in Rehabilitation, Michelle M.Lusardi, 3rd Ed., 2013 Elsevier

Mark Distribution

Assessment Tasks for Students During the course

#	Assessment task*	Week Due	Proportion of Total Assessment
1	Mid Exam-Theory	6 th /12 th	45
2	Discussions and assignments	Every week	5
3	Final Theory Exam	16 & 17	50
	Total		100

Distribution of Course Lectures and Practical Classes

Topics to be covered

List of Topics		Contact Hours
1.	Introduction Prosthetics and Orthotics	2
2.	Introduction Prosthetics and Orthotics(continue)	2
3.	Rehabilitation of Amputee	2
4.	Gait and Balance Training with Prosthesis	2
5.	Types of Prosthesis used in Lower Extremity	2
6.	1 st Continuous Assessment	2
7.	Gait Deviations With Prosthesis	2
8.	Revision	2
9.	Types of Upper Extremity Prosthesis	2
10	Types of Orthosis used in Lower Extremity	2
11	Types of Orthosis used in Upper Extremity	2
12	2 nd Continuous Assessment	2
13	Spinal Orthosis	2
14	Mobility and Rehabilitation aids - Crutches, Walker frames and Wheel chairs	2
15	Functional Training for lower limb and Upper Limb with Prosthesis and Orthosis	2
16	Revision	2
	Total	30