

Vocational School of Health Services / Opticianry
2023 - 2024 Academic Year
CONTACT LENS
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
CONTACT LENS	OPT2126640	Fall Semester	2+0	2	2
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator	Lect. Hüseyin DEMİR				
Name of Lecturer(s)	Assist.Prof. Ayşe ÖZPINAR				
Assistant(s)					
Aim	Knowledge about the production, use of contact lenses.				
Course Content	This course contains; Contact lens, basic terminology,Soft contact lens materials,Gas passable hard lens materials,Soft contact lens designs,Gas passable hard lens designs,Electric contact lenses, Prostatic contact lenses,Types and designs of toric contact lenses,Types and designs of presbyopic contact lenses,Types and designs of pediatric contact lenses,The definition of the lens, its properties and designs,Definition of keratoconus, properties and designs of related lenses,Properties and advantages of UV blocking lenses>Contact lens care systems and complications,Recognition of lenses belonging to the contact lens prescription.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
3.Will be able to express the definition of the lens and its properties and designs.			16, 9	A	
1. They will be able to express contact lens and contact lens terminology.			16, 9	A	
1.1. Explain soft contact lens materials and designs.			16, 9	A	
1.2. Explains hard contact lens materials and designs.			16, 9	A	
2. Classify contact lenses according to their refraction defects.			12, 9	A	
Teaching Methods	12: Problem Solving Method, 16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Contact lens, basic terminology	Pre-Reading			
2	Soft contact lens materials	Pre-Reading			
3	Gas passable hard lens materials	Pre-Reading			
4	Soft contact lens designs	Pre-Reading			
5	Gas passable hard lens designs	Pre-Reading			
6	Electric contact lenses, Prostatic contact lenses	Pre-Reading			
7	Types and designs of toric contact lenses	Pre-Reading			
8	Types and designs of presbyopic contact lenses	Pre-Reading			
9	Types and designs of pediatric contact lenses	Pre-Reading			
10	The definition of the lens, its properties and designs	Pre-Reading			
11	Definition of keratoconus, properties and designs of related lenses	Pre-Reading			
12	Properties and advantages of UV blocking lenses	Pre-Reading			
13	Contact lens care systems and complications	Pre-Reading			
14	Recognition of lenses belonging to the contact lens prescription	Pre-Reading			
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			
Resources					
1) İskeleli G., "Contact Lens," Esen Ofset Matbaacılık 2) Zeleda, A. J., Kayın, N., "Optician's Handbook", Ankara, 2008.					