

**Vocational School of Health Services / Opticianry**  
**2024 - 2025 Academic Year**  
**CONTACT LENS**  
**Syllabus**

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
CONTACT LENS	OPT2126640	Fall Semester	2+0	2	2
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	Short Cycle (Associate's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Lect. Hüseyin DEMİR				
<b>Name of Lecturer(s)</b>	Assist.Prof. Ayşe ÖZPINAR				
<b>Assistant(s)</b>					
<b>Aim</b>	Knowledge about the production, use of contact lenses.				
<b>Course Content</b>	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.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
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	
<b>Teaching Methods</b>	12: Problem Solving Method, 16: Question - Answer Technique, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
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			
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			
<b>Resources</b>					
1) İskeleli G., "Contact Lens," Esen Ofset Matbaacılık 2) Zeleda, A. J., Kayın, N., "Optician's Handbook", Ankara, 2008.					