

Vocational School of Health Services / Opticianry
2023 - 2024 Academic Year
OPTICIANRY II
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
OPTICIANRY II	OPT2110894	Fall Semester	2+3	3,5	12
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)	Lect. Senanur BİRADLI BAL				
Assistant(s)					
Aim	To be able to choose the appropriate glass and frame, prismatic recipe analysis				
Course Content	This course contains; Selection of optical glass frame for face type,Installation of organic glass in full frame according to the distance and mounting height between the pupils,Pupillary measurement with pupillameter, learning to use nile grooving machine,Assemble organic glass into the nylon frame by taking pupilla size with pupillameter,Installation of organic glass in the nile frame according to the pupil data indicated on the prescription,Learning prismatic effect, determination of prism base direction and calculation of amount of descent,Prismatic recipe analysis, determination of the amount and base direction of the optical center,Full-frame organic glass assembly suitable for prismatic recipe,Mounting of organic glass in accordance with prismatic prescription,Decentrating the optical center and mounting organic glass to the nylon frame,Determination of prismatic effect and base direction on the assembled glasses,Pupillameter and pupil size, organic glass mounting to nylon frame,Detection of prism base direction in places other than optical center on mounted nil frame,Prismatic lens ordering procedure, measuring the dioptric axis of the lens if any, prism dioptry and mounting the glass according to the base direction to the frame.				
Course Learning Outcomes				Teaching Methods	Assessment Methods
At the end of this course, the student will be able to recognize the selection of appropriate glasses for the 1st person. 1.1. Identify the frame suitable for the face shape. 1.2. Determines the choice of optical glass suitable for the person's usage areas. 2. will be able to recognize nylon frame. 2.1. Explains the installation of glass to the nylon frame.3. will be able to explain prismatic prescription analysis.			16, 8, 9	A	
Teaching Methods	16: Question - Answer Technique, 8: Flipped Classroom Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Selection of optical glass frame for face type	Pre-Reading			
2	Installation of organic glass in full frame according to the distance and mounting height between the pupils	Pre-Reading			
3	Pupillary measurement with pupillameter, learning to use nile grooving machine	Pre-Reading			
4	Assemble organic glass into the nylon frame by taking pupilla size with pupillameter	Pre-Reading			
5	Installation of organic glass in the nile frame according to the pupil data indicated on the prescription	Pre-Reading			
6	Learning prismatic effect, determination of prism base direction and calculation of amount of descent	Pre-Reading			
7	Prismatic recipe analysis, determination of the amount and base direction of the optical center	Pre-Reading			
8	Full-frame organic glass assembly suitable for prismatic recipe	Pre-Reading			
9	Mounting of organic glass in accordance with prismatic prescription	Pre-Reading			
10	Decentrating the optical center and mounting organic glass to the nylon frame	Pre-Reading			
11	Determination of prismatic effect and base direction on the assembled glasses	Pre-Reading			
12	Pupillameter and pupil size, organic glass mounting to nylon frame	Pre-Reading			
13	Detection of prism base direction in places other than optical center on mounted nil frame	Pre-Reading			
14	Prismatic lens ordering procedure, measuring the dioptric axis of the lens if any, prism dioptry and mounting the glass according to the base direction to the frame	Pre-Reading			
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources	
1) Aksak,E.-Küçükler, T. (2005) Gözlükçülük .Eskişehir	
2) Onur Yazar, Erdoğan Özdemir. Basic Opticianry, Güneş Tıp Kitabevleri, 2016, Ankara.	
3) Saniye Tekerek. Opticianry with Solved Examples, Nobel Academic Publishing, 2022, Ankara.	