

Vocational School of Health Services / Opticianry
2024 - 2025 Academic Year
INTRODUCTION to OPTICIANRY
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
INTRODUCTION to OPTICIANRY	OPT1110892	Fall Semester	3+0	3	8
Prerequisites Courses					
Recommended Elective Courses	Occupational health and Safety				
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator	Lect. Hüseyin DEMİR				
Name of Lecturer(s)	Lect. Hüseyin DEMİR				
Assistant(s)					
Aim	Expression of law, regulation, deontology profession history and development of optician profession, all professional arguments (prescription,glass, frame, lens, etc ..) to explain the basic information, the theoretical description of laboratory tools and equipment				
Course Content	This course contains; Course description, scope, rationale, importance, rule and necessity,The history and development of the profession in Turkey opticianry,History of glasses and lenses,Optician profession, duties and responsibilities of optician,Terminological terms and professional definitions,Transpose,Types of glasses and frames,Refraction defects and correction techniques of lenses,Dioptric forces of glasses in different meridian,Properties of concave and convex lenses,Physical and chemical properties of organic and mineral lenses,Anti-reflection coatings on spectacle lenses,Frame selection according to face type and considerations when choosing a frame,Phocometer introduction and usage technique.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Have knowledge about the importance of optician profession and development process.			16, 9	A	
To have the knowledge and usage skills required by the profession about basic vision devices (glasses, contact lenses, low vision aids) and other optical devices.			16, 9	A	
It provides the selection, sale and preparation of basic vision devices according to the prescription and their adaptation to the user.			16, 9	A	
Use the necessary professional equipment and devices for the maintenance and repair of eyeglasses and other optical instruments.			16, 9	A	
Teaching Methods	16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequenc e	Topics	Preliminary Preparation			
1	Course description, scope, rationale, importance, rule and necessity	Pre-Reading			
2	The history and development of the profession in Turkey opticianry	Pre-Reading			
3	History of glasses and lenses	Pre-Reading			
4	Optician profession, duties and responsibilities of optician	Pre-Reading			
5	Terminological terms and professional definitions	Pre-Reading			
6	Transpose	Pre-Reading			
7	Types of glasses and frames	Pre-Reading			
8	Refraction defects and correction techniques of lenses	Pre-Reading			
9	Dioptric forces of glasses in different meridian	Pre-Reading			
10	Properties of concave and convex lenses	Pre-Reading			
11	Physical and chemical properties of organic and mineral lenses	Pre-Reading			
12	Anti-reflection coatings on spectacle lenses	Pre-Reading			
13	Frame selection according to face type and considerations when choosing a frame	Pre-Reading			
14	Phocometer introduction and usage technique	Pre-Reading			
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources	
1) Aksak, E., Küçüker, T., "Opticianry", Eskişehir, 2005. 2) Özdemir, E., Yazar, O., "Basic Opticianry", Güneş Tıp Kitapevi, Ankara, 2016.	