

**Vocational School / Physiotherapy**  
**2024 - 2025 Academic Year**  
**INTRODUCTION to PHYSIOTHERAPY II**  
**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>
INTRODUCTION to PHYSIOTHERAPY II	FZT1226660	Spring Semester	2+0	2	3
<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. Merve MANGA				
<b>Name of Lecturer(s)</b>	Assist.Prof. Sümeyye TUNÇ				
<b>Assistant(s)</b>					
<b>Aim</b>	To provide knowledge about surface heat agents, light modalities and hydrotherapy methods used in physiotherapy and their physiological effects and application ways.				
<b>Course Content</b>	This course contains; 1.Surface heat agents,2.Physical and physiological effects of surface heat agents,3.Indications and contraindications,4.Right usage technics and dangers,5.Laser, fluidotherapy,6.Infrared, ultraviolet,7.Case study,8.Appropriate modality selection to diseases,9.Infrared and ultraviolet applications,10.LAser and fluidotherapy applications,11.Radiation energy,12.Law of lightening,13.Physical effects of light and application methods,14.Examining neuromuscular and connective tissue effects.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
1.Tell the effects of surface heat agents, their indications and contraindications			16, 9	A	
2.Identify the neuromuscular and connective tissue effects of heat modalities			16, 9	A	
<b>Teaching Methods</b>	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	1.Surface heat agents	Mebis notes			
2	2.Physical and physiological effects of surface heat agents	Mebis notes			
3	3.Indications and contraindications	Mebis notes			
4	4.Right usage technics and dangers	Mebis notes			
5	5.Laser, fluidotherapy	Mebis notes			
6	6.Infrared, ultraviolet	Mebis notes			
7	7.Case study	Mebis notes			
8	8.Appropriate modality selection to diseases	Mebis notes			
9	9.Infrared and ultraviolet applications	Mebis notes			
10	10.LAser and fluidotherapy applications	Mebis notes			
11	11.Radiation energy	Mebis notes			
12	12.Law of lightening	Mebis notes			
13	13.Physical effects of light and application methods	Mebis notes			
14	14.Examining neuromuscular and connective tissue effects	Mebis notes			
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

<b>Resources</b>
Mebis notes,Kayıhan H,Tunalı Dolunay N. Fizyoterapide Isı Işık,Su HÜ. Fizik Tedavi ve Rehabilitasyon Yüksekokulu Yayını, 1992.