

**Graduate School of Health Sciences / Orthosis-Prosthesis M.S.**

**2024 - 2025 Academic Year**

**SEMINAR**

**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>
SEMINAR	OPZY1234730	Spring Semester	0+0	0	2
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	Second Cycle (Master's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Assist.Prof. Sena ÖZDEMİR GÖRGÜ				
<b>Name of Lecturer(s)</b>	Assist.Prof. Sena ÖZDEMİR GÖRGÜ				
<b>Assistant(s)</b>					
<b>Aim</b>	To evaluate Orthosis -prosthesis in different subjects.				
<b>Course Content</b>	This course contains; Research and planning, literature review and topic selection, Selection of the research method, the analytical methods and ethical issues, Evaluation and discussion of the results of the research data, Considered issues when writing the article, Principles to follow in writing the thesis, Current orthosis-prosthesis approaches, Evidence-based suspension methods, Evidence-based amputee rehabilitation practices, Citation Metrics, Technological approaches in orthotics, Virtual reality in Orthotics Prosthetics, Problem-based Prosthesis practices, Problem-based Prosthesis practices, Case assessment, determining the treatment program and presentation.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
Scans the literature in accordance with research methods.			12, 14, 18	E	
The article complies with the writing rules.			12, 14, 18	E	
Recognizes the evidence value of evidence-based studies.			12, 14, 4	E	
Orthosis follows technological approaches in prosthetics.			12, 14, 5	E	
<b>Teaching Methods</b>	12: Problem Solving Method, 14: Self Study Method, 18: Micro Teaching Technique, 4: Inquiry-Based Learning, 5: Cooperative Learning				
<b>Assessment Methods</b>	E: Homework				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Research and planning, literature review and topic selection	TUBİTAK, PUBMED, WEB of SCIENCE			
2	Selection of the research method, the analytical methods and ethical issues	TUBİTAK, PUBMED, WEB of SCIENCE			
3	Evaluation and discussion of the results of the research data	Learning the usage of SPSS statistics program			
4	Considered issues when writing the article	The Writing Center-University of Wisconsin			
5	Principles to follow in writing the thesis	Medipol University Thesis Writing Guide, YÖK Thesis Center			
6	Current orthosis-prosthesis approaches	ISPO Journal-Sage, Journal Of Prosthetics Orthotics, Türkiye Klinikleri			
7	Evidence-based suspension methods	TUBİTAK, PUBMED, WEB of SCIENCE			
8	Evidence-based amputee rehabilitation practices	TUBİTAK, PUBMED, WEB of SCIENCE			
9	Citation Metrics	TUBİTAK, PUBMED, WEB of SCIENCE, Google Academic			
10	Technological approaches in orthotics	OPEDGE			
11	Virtual reality in Orthotics Prosthetics	Create Orthotics develops virtual reality O&P software-HEALIO			
12	Problem-based Prosthesis practices	ISPOINT			
13	Problem-based Prosthesis practices	ISPOINT			
14	Case assessment, determining the treatment program and presentation	TUBİTAK, PUBMED, WEB of SCIENCE, SCOPUS			
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		50			
General Exam		50			

<b>Resources</b>
Students will be given research assignments on topics TUBİTAK, PUBMED, WEB of SCIENCE, SCOPUS