

**Vocational School of Health Services / Medical Imaging Techniques**

**2024 - 2025 Academic Year**

**RESEARCH METHOD & TECHNIQUES**

**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>
RESEARCH METHOD & TECHNIQUES	TGT1225100	Spring Semester	2+0	2	2
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>	Information Technology and Tools				
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	Short Cycle (Associate's Degree)				
<b>Course Type</b>	Elective				
<b>Course Coordinator</b>	Lect. SEMİHA MERVENUR EVREN				
<b>Name of Lecturer(s)</b>	Lect. SEMİHA MERVENUR EVREN				
<b>Assistant(s)</b>	None				
<b>Aim</b>	The aim is to teach students to conduct research competence.				
<b>Course Content</b>	This course contains; Select Research Topics,Select Research Topics,Making Resource Research,Making Resource Research,Making Resource Research,Evaluating Research Results,Evaluating Research Results,Reporting the Results of Research convert it into,Reporting the Results of Research convert it into,Basis of preparation to do,Basis of preparation to do,Presentation,Presentation.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
1. Defines a scientific research subject.			10, 13, 14, 9	A, E	
1.1. Tells the basic concepts of the study.			10, 13, 14, 9	A, E	
1.2. Lists the need and importance of the study.			10, 13, 14, 9	A, E	
1.3. Identifies the problems related to the research topic.			10, 13, 14, 9	A, E	
2. Reports the scientific research resources.			10, 13, 14, 9	A, E	
2.1. Identifies the resources.			10, 13, 14, 9	A, E	
2.2. Expresses the purpose of the study.			10, 13, 14, 9	A, E	
2.3. Identifies the limits of the study.			10, 13, 14, 9	A, E	
2.4. Explains the underlying assumptions of the study.			10, 13, 14, 9	A, E	
3. Expresses the research findings.			10, 13, 14, 9	A, E	
3.1. Explains the research findings by scientific methods.			10, 13, 14, 9	A, E	
3.2. Reports the results of analysis.			10, 13, 14, 9	A, E	
4. Reports the results of research.			10, 13, 14, 9	A, E	
4.1. Explains the research by summarizing technics.			10, 13, 14, 9	A, E	
4.2. Reports the research by writing technics.			10, 13, 14, 9	A, E	
4.3. Summarizes research results.			10, 13, 14, 9	A, E	
<b>Teaching Methods</b>	10: Discussion Method, 13: Case Study Method, 14: Self Study Method, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam, E: Homework				
<b>Lecture Schedule</b>					
<b>Sequenc e</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Select Research Topics	Preliminary research on the subject of the presentation should be conducted.			
2	Select Research Topics	Preliminary research on the subject of the presentation should be conducted.			
3	Making Resource Research	Preliminary research on the subject of the presentation should be conducted.			
4	Making Resource Research	Preliminary research on the subject of the presentation should be conducted.			
5	Making Resource Research	Preliminary research on the subject of the presentation should be conducted.			
6	Evaluating Research Results	Preliminary research on the subject of the presentation should be conducted.			
7	Evaluating Research Results	Preliminary research on the subject of the presentation should be conducted.			
8	Reporting the Results of Research convert it into	Preliminary research on the subject of the presentation should be conducted.			
9	Reporting the Results of Research convert it into	Preliminary research on the subject of the presentation should be conducted.			
10	Reporting the Results of Research convert it into	Preliminary research on the subject of the presentation should be conducted.			
11	Basis of preparation to do	Preliminary research on the subject of the presentation should be conducted.			
12	Basis of preparation to do	Preliminary research on the subject of the presentation should be conducted.			
13	Presentation	The situation of the research subject on the literature and the samples should be prepared by establishing a causal relationship.			
14	Presentation	The situation of the research subject on the literature and the samples should be prepared by establishing a causal relationship.			
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

<b>Resources</b>	
Powerpoint notes will be given to students. Research Methods and Techniques for Vocational Schools Dr. Zeki Kaya; Asst. Dr. Example: Mehmet Şahin	