

COURSE TITLE	COURSE CODE	SEMESTER	THEORETICAL (hours / week)	PRACTICE (hours / week)	CREDIT	ECTS
SCIENTIFIC RESEARCH AND PRESENTATION TECHNIQUES	DNT 115	1	2	0	2	2
LEVEL OF COURSE	<input type="checkbox"/> Associate's degree program <input checked="" type="checkbox"/> Bachelor's program <input type="checkbox"/> Master's program <input type="checkbox"/> PhD					
INSTRUCTION LANGUAGE OF THE COURSE	<input type="checkbox"/> TURKISH			<input checked="" type="checkbox"/> FOREIGN LANGUAGE		<input checked="" type="checkbox"/> English <input type="checkbox"/> German <input type="checkbox"/> French
TYPE OF COURSE	<input checked="" type="checkbox"/> COMPULSORY <input type="checkbox"/> ELECTIVE <input type="checkbox"/> DEPARTMENTAL <input type="checkbox"/> NON-DEPARTMENTAL					
PREREQUISITE OF THE COURSE	NONE					
PURPOSE OF THE COURSE	To conduct scientific research and obtain the ability to present a research topic.					
COURSE OBJECTIVE	To understand basic information about research methods and techniques, to be familiar with the application and transfer of this information.					
TEACHING METHOD	FACE-TO-FACE					
TEACHING AND LEARNING METHODS OF THE COURSE	<input checked="" type="checkbox"/> Q&A <input checked="" type="checkbox"/> Case Problem Solving/ Drama- Role/ Case Management <input checked="" type="checkbox"/> Laboratory <input type="checkbox"/> Quantitative Problem Solving <input type="checkbox"/> Fieldwork <input type="checkbox"/> Group Study / Assignment <input type="checkbox"/> Individual Assignment <input type="checkbox"/> WEB-based Learning <input type="checkbox"/> Internship <input type="checkbox"/> Practice in Field <input type="checkbox"/> Project Preparation <input type="checkbox"/> Report Writing <input type="checkbox"/> Seminar <input type="checkbox"/> Supervision <input type="checkbox"/> Social Activity <input type="checkbox"/> Occupational Activity <input type="checkbox"/> Occupational Trip <input type="checkbox"/> Application (Modelling, Design, Model, Simulation, Experiment et.) <input type="checkbox"/> Reading <input type="checkbox"/> Thesis Preparation <input type="checkbox"/> Field Study <input checked="" type="checkbox"/> Student Club and Council Activities					

**COURSE COORDINATOR
(S)**

Prof. M.D. Ayşe Cansu Başeğmez

LEARNING OUTCOMES

INFORMATION

(It is arranged according to theoretical and / or factual information classification)

1. Students explain the definition of Science and the basis of scientific approach.
2. Students know the approaches of scientific research.
3. Students understand the ethics of science.

SKILL

(As cognitive and / or application skills)

1. Students plan a research, turns it into an article, and designs it as a successful presentation for a scientific meeting.
2. Students design scientific projects.
3. Students convert scientific knowledge into publication.

COMPETENCE

1. By gaining the ability to work independently, along with the ability to question, and establishing a cause-and-effect relationship, students solve problems that they may face when making an effective presentation.

**COURSE FLOW
(year/semester)**

WEEKS

1. Scientific research and its importance-Fundamental concepts
2. Types of scientific research
3. Fundamental qualities of scientific method
4. Preparation of scientific project proposal
5. Scientific research methods
6. Literature review and samples
7. Online databases
8. Collection and analysis of data
9. Conversion of scientific knowledge into publication
10. Science Ethics
11. Scientific journals and indexes
12. Conference and paper preparation-visual materials
13. Types of presentations
14. Considerations for an effective presentation

RESOURCES

- ** Eğitimde Bilimsel Araştırma Yöntemleri, Şener Büyüköztürk, Pegem Akademi Yayınevi, 2019.
- ** Bilimsel Araştırmanın Mantığı, Karl R. Popper, Yapı kredi Yayınları, 2018.
- ** Bilimsel Araştırma ve Yayın Etiği, Editör: Yalçın Karagöz, Akademisyen Kitabevi, 2019.

EVALUATION SYSTEM

YEAR / SEMESTER STUDIES	NUMBER	CONTRIBUTION RATE %
Attendance / Participation		%
Laboratory		%
Practice		%
Practice Examination		%
Quiz		%
Homework		%
Presentation		%
Projects		%
Course-specific Internship		%
Fieldwork		%
Article Critique		%
Article Writing		%
Module Group Study		%
Brainstorming		%
Role Playing + Dramatization		%
Studying outside of the Classroom		%
Preparatory Work, Enhancement, Practice Repetition etc.		%
Homework (reading, writing, watching movies etc.)		%
Project Preparation + Presentation		%
Report Preparation + Presentation		%
Presentation / Seminar Preparation + Presentation		10%
Oral Exam		%
MIDTERM		30%
FINAL		60%
TOTAL		% 100

COURSE ECTS

 European Credit Transfer System
 -Student workload-

Activities	Number (week)	Duration (hour)	Total Work Load
Course Duration	14	2	28
Laboratory	0	0	0
Practice	0	0	0
Practice Examination	0	0	0
Course-specific Internship	0	0	0
Fieldwork	0	0	0
Article Critique	2	2	4
Article Writing	7	1	7
Module Group Study	0	0	0
Brainstorming	0	0	0
Role Playing + Dramatization	0	0	0
Studying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)	14	1	14
Homework (reading, writing, watching movies etc.)	0	0	0
Project Preparation + Presentation	0	0	0
Report Preparation + Presentation	0	0	0
Presentation / Seminar Preparation + Presentation	0	0	0
Oral Exam	0	0	0
Preparation for Midterm Exams	7	1	7
MIDTERM	1	1	1
Preparation for Final Exams	14	1	14
FINAL	1	1	1
Total ECTS			76
30 hours = 1 ECTS			ECTS: 2