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	<ul> <li>Associate's degree program</li> <li>Bachelor's program</li> <li>Master's program</li> <li>PhD</li> </ul>							
INSTRUCTION LANGUAGE OF THE COURSE		TURKISH	<ul><li>English</li><li>German</li><li>French</li></ul>					
TYPE OF COURSE		ORY 🗌 ELE	CTIVE 🗌 D	EPARTMENTAL	NON-DEPA	RTMENTAL		
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	Q&A         Case Problem Solving/ Drama- Role/ Case Management         Laboratory         Quantitative Problem Solving         Fieldwork         Group Study / Assignment         Individual Assignment         WEB-based Learning         Internship         Project Preparation         Report Writing         Seminar         Supervision         Social Activity         Occupational Activity         Occupational Trip         Application (Modelling, Design, Model, Simulation, Experiment et.)         Reading         Thesis Preparation         Field Study							

COURSE COORDINATOR (S)		Prof. M.D. Ayşe Cansu Başeğmez				
	INFORMATION (It is arranged according to theoretical and / or factual information classification)	<ol> <li>Students explain the definition of Science and the basis of scientific approach.</li> <li>Students know the approaches of scientific research.</li> <li>Students understand the ethics of science.</li> </ol>				
LEARNING OUTCOMES	SKILL (As cognitive and / or application skills)	<ol> <li>Students plan a research, turns it into an article, and designs it as a successful presentation for a scientific meeting.</li> <li>Students design scientific projects.</li> <li>Students convert scientific knowledge into publication.</li> </ol>				
	COMPETENCE	<ol> <li>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.</li> </ol>				
	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				
(year/semester)	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.					
RESOURCES	** Eğitimde Bilims ** Bilimsel Araştıı ** Bilimsel Araştıı	sel Araştırma Yöntemleri, Şener Büyüköztürk, Pegem Akademi Yayınevi, 2019. mnın Mantığı, Karl R. Popper, Yapıkredi Yayınları, 2018. ma ve Yayın Etiği, Editör: Yalçın Karagöz, Akademisyen Kitabevi, 2019.				

	YEAR / SEMESTER STUDIES	NUMBER	CONTRIBUTION RATE %		
	Attendance / Participation %				
	Laboratory		a	/_	
	Practice		C	), )/_	
	Practice Exemination		/0		
	Practice Examination		%		
	Quiz	%			
	Homework		Q	%	
	Presentation		0	%	
	Projects	%			
				0/_	
	Course-specific internship		,	/o	
	Fieldwork		u ,	%	
	Article Critique		%		
	Article Writing		%		
	Module Group Study	%			
EVALUATION SYSTEM	Breinsterming	0/			
	Brainstorning	%			
	Role Playing + Dramatization	%			
	Studying outside of the Classroom	%			
	Preparatory Work, Enhancement,	0/_			
	Practice Repetition etc.	76			
	Homework (reading, writing, watching movies		%		
	etc.)				
	Project Preparation + Presentation				
	Report Preparation + Presentation		a	%	
	Presentation / Seminar Preparation +		/0		
	Presentation		10%		
	Oral Exam		C	<i>V</i> <sub>0</sub>	
	MIDTERM		78		
			30%		
	FINAL		60%		
			τοτλι % 10	0	
		Number	Duration	Tetel Werk	
	Activities	Number	Duration	Total Work	
	Activities	Number (week)	Duration (hour)	Total Work Load	
	Activities Course Duration	Number (week) 14	Duration (hour) 2	Total Work Load 28	
	Activities Course Duration Laboratory	Number (week) 14 0	Duration (hour) 2 0	Total Work Load 28 0	
	Activities Course Duration Laboratory Practice	Number (week) 14 0 0	Duration (hour) 2 0 0	Total Work Load 28 0 0	
	Activities Course Duration Laboratory Practice Practice Examination	Number (week) 14 0 0 0	Duration (hour) 2 0 0 0	Total Work Load 28 0 0 0	
	Activities Course Duration Laboratory Practice Practice Examination Course-specific Internship	Number (week) 14 0 0 0	Duration (hour) 2 0 0 0 0	Total Work Load 28 0 0 0 0	
	Activities Course Duration Laboratory Practice Practice Examination Course-specific Internship Fieldwork	Number (week) 14 0 0 0 0	Duration (hour) 2 0 0 0 0	Total Work Load 28 0 0 0 0 0	
	Activities Course Duration Laboratory Practice Practice Examination Course-specific Internship Fieldwork Article Critique	Number (week) 14 0 0 0 0 0	Duration (hour) 2 0 0 0 0 0 0	Total Work Load 28 0 0 0 0 0 0	
	Activities Course Duration Laboratory Practice Practice Examination Course-specific Internship Fieldwork Article Critique	Number (week) 14 0 0 0 0 0 0 2	Duration (hour) 2 0 0 0 0 0 0 2	Total Work Load 28 0 0 0 0 0 0 4	
	Activities Course Duration Laboratory Practice Practice Examination Course-specific Internship Fieldwork Article Critique Article Writing	Number (week) 14 0 0 0 0 0 2 7	Duration (hour) 2 0 0 0 0 0 2 1	Total Work Load 28 0 0 0 0 0 0 4 7	
	Activities Course Duration Laboratory Practice Practice Examination Course-specific Internship Fieldwork Article Critique Article Writing Module Group Study	Number (week) 14 0 0 0 0 0 2 7 7 0	Duration (hour) 2 0 0 0 0 0 2 1 1 0	Total Work Load 28 0 0 0 0 0 0 4 7 0	
	Activities Course Duration Laboratory Practice Practice Examination Course-specific Internship Fieldwork Article Critique Article Writing Module Group Study Brainstorming	Number (week) 14 0 0 0 0 0 2 7 7 0 0	Duration (hour) 2 0 0 0 0 0 2 1 1 0 0	Total Work Load 28 0 0 0 0 0 0 4 7 0 0 0	
COURSE ECTS	Activities Course Duration Laboratory Practice Practice Examination Course-specific Internship Fieldwork Article Critique Article Writing Module Group Study Brainstorming Role Playing + Dramatization	Number (week) 14 0 0 0 0 0 2 7 7 0 0 0 0 0	Duration (hour) 2 0 0 0 0 0 2 1 0 2 1 0 0 0	Total Work           Load           28           0	
COURSE ECTS	Activities         Course Duration         Laboratory         Practice         Practice Examination         Course-specific Internship         Fieldwork         Article Critique         Article Writing         Module Group Study         Brainstorming         Role Playing + Dramatization	Number (week) 14 0 0 0 0 0 2 7 0 2 7 0 0 0 0	Duration (hour) 2 0 0 0 0 0 2 1 0 2 1 0 0 0	Total Work Load 28 0 0 0 0 0 0 4 7 0 0 0 0 0	
COURSE ECTS	Activities Course Duration Laboratory Practice Practice Examination Course-specific Internship Fieldwork Article Critique Article Writing Module Group Study Brainstorming Role Playing + Dramatization Studying outside of Classroom (Preparatory Work,	Number (week) 14 0 0 0 0 0 2 7 0 0 0 0 0 0	Duration (hour) 2 0 0 0 0 0 2 1 0 2 1 0 0 0 0	Total Work Load 28 0 0 0 0 0 4 7 0 0 0 0 0	
COURSE ECTS European Credit Transfer System	Activities Course Duration Laboratory Practice Practice Examination Course-specific Internship Fieldwork Article Critique Article Critique Article Writing Module Group Study Brainstorming Role Playing + Dramatization Studying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)	Number (week) 14 0 0 0 0 0 2 7 0 0 0 0 0 0 14	Duration (hour) 2 0 0 0 0 0 2 1 0 0 0 0 0 1	Total Work           Load           28           0           0           0           0           0           0           0           0           0           0           0           0           0           14	
COURSE ECTS European Credit Transfer System -Student Workload-	Activities Course Duration Laboratory Practice Practice Examination Course-specific Internship Fieldwork Article Critique Article Writing Module Group Study Brainstorming Role Playing + Dramatization Studying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)	Number (week) 14 0 0 0 0 0 2 7 0 0 0 0 0 0 14	Duration (hour) 2 0 0 0 0 0 2 1 0 0 0 0 1	Total Work Load 28 0 0 0 0 0 4 7 0 0 0 0 0 14	
COURSE ECTS European Credit Transfer System -Student Workload-	ActivitiesCourse DurationLaboratoryPracticePractice ExaminationCourse-specific InternshipFieldworkArticle CritiqueArticle WritingModule Group StudyBrainstormingRole Playing + DramatizationStudying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)Homework (reading, writing, watching movies etc.)	Number (week) 14 0 0 0 0 0 2 7 7 0 0 0 0 0 14 0	Duration (hour) 2 0 0 0 0 0 2 1 0 0 0 0 1 1 0	Total Work           Load           28           0           0           0           0           0           0           0           0           14           0	
COURSE ECTS European Credit Transfer System -Student Workload-	ActivitiesCourse DurationLaboratoryPracticePractice ExaminationCourse-specific InternshipFieldworkArticle CritiqueArticle WritingModule Group StudyBrainstormingRole Playing + DramatizationStudying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)Homework (reading, writing, watching movies etc.)Project Preparation + Presentation	Number (week) 14 0 0 0 0 0 2 7 0 0 0 0 0 14 0 0	Duration (hour) 2 0 0 0 0 2 1 0 0 0 1 0 0 1 0 0 0	Total Work           Load           28           0           0           0           0           0           0           0           0           14           0           0           0	
COURSE ECTS European Credit Transfer System -Student Workload-	ActivitiesCourse DurationLaboratoryPracticePractice ExaminationCourse-specific InternshipFieldworkArticle CritiqueArticle WritingModule Group StudyBrainstormingRole Playing + DramatizationStudying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)Homework (reading, writing, watching movies etc.)Project Preparation + PresentationReport Preparation + Presentation	Number (week) 14 0 0 0 0 0 2 7 0 0 0 0 0 0 14 0 0 0 0	Duration (hour) 2 0 0 0 0 2 1 0 0 0 1 0 0 1 0 0 0 0 1	Total Work           Load           28           0           0           0           0           0           0           0           0           14           0           0           0           0	
COURSE ECTS European Credit Transfer System -Student Workload-	ActivitiesCourse DurationLaboratoryPracticePractice ExaminationCourse-specific InternshipFieldworkArticle CritiqueArticle WritingModule Group StudyBrainstormingRole Playing + DramatizationStudying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)Homework (reading, writing, watching movies etc.)Project Preparation + PresentationReport Preparation + PresentationPresentation / Seminar Preparation + 1	Number (week) 14 0 0 0 0 2 7 0 0 2 7 0 0 0 0 0 14 0 0 0 0	Duration (hour) 2 0 0 0 0 2 1 0 0 0 0 1 0 0 0 1 0 0 0 0	Total Work           Load           28           0           0           0           0           4           7           0           0           14           0           0           0           0	
COURSE ECTS European Credit Transfer System -Student Workload-	ActivitiesCourse DurationLaboratoryPracticePractice ExaminationCourse-specific InternshipFieldworkArticle CritiqueArticle WritingModule Group StudyBrainstormingRole Playing + DramatizationStudying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)Homework (reading, writing, watching movies etc.)Project Preparation + PresentationReport Preparation + PresentationPresentation / Seminar Preparation + Presentation	Number (week) 14 0 0 0 0 2 7 0 0 2 7 0 0 0 0 14 0 0 0 0 0 0 0 0 0 0 0	Duration (hour) 2 0 0 0 0 2 1 0 0 0 1 0 0 1 0 0 0 1 0 0 0 0	Total Work           Load           28           0           0           0           0           0           0           0           0           14           0	
COURSE ECTS European Credit Transfer System -Student Workload-	ActivitiesCourse DurationLaboratoryPracticePractice ExaminationCourse-specific InternshipFieldworkArticle CritiqueArticle WritingModule Group StudyBrainstormingRole Playing + DramatizationStudying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)Homework (reading, writing, watching movies etc.)Project Preparation + PresentationReport Preparation + PresentationPresentation / Seminar Preparation + PresentationOral Exam	Number (week) 14 0 0 0 0 2 7 0 0 2 7 0 0 0 0 0 14 0 0 0 0 0 0 0 0 0 0 0 0 0	Duration (hour) 2 0 0 0 0 2 1 0 0 2 1 0 0 0 1 0 0 0 0 0	Total Work           Load           28           0	
COURSE ECTS European Credit Transfer System -Student Workload-	ActivitiesCourse DurationLaboratoryPracticePractice ExaminationCourse-specific InternshipFieldworkArticle CritiqueArticle WritingModule Group StudyBrainstormingRole Playing + DramatizationStudying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)Homework (reading, writing, watching movies etc.)Project Preparation + PresentationReport Preparation + PresentationPresentation / Seminar Preparation + PresentationOral ExamPreparation for Midterm Exams	Number (week) 14 0 0 0 0 2 7 0 0 2 7 0 0 0 0 0 0 14 0 0 0 0 0 0 0 0 0 0 0 0	Duration (hour) 2 0 0 0 2 1 0 2 1 0 0 0 1 0 0 0 0 0 0 0	Total Work           Load           28           0	
COURSE ECTS European Credit Transfer System -Student Workload-	ActivitiesCourse DurationLaboratoryPracticePractice ExaminationCourse-specific InternshipFieldworkArticle CritiqueArticle WritingModule Group StudyBrainstormingRole Playing + DramatizationStudying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)Homework (reading, writing, watching movies etc.)Project Preparation + PresentationPresentation / Seminar Preparation + PresentationOral ExamPreparation for Midterm ExamsMIDTERM	Number (week) 14 0 0 0 0 2 7 0 0 0 2 7 0 0 0 0 0 0 0 0 0	Duration (hour) 2 0 0 0 2 1 0 0 2 1 0 0 0 1 0 0 0 0 0 0	Total Work           Load           28           0	
COURSE ECTS European Credit Transfer System -Student Workload-	ActivitiesCourse DurationLaboratoryPracticePractice ExaminationCourse-specific InternshipFieldworkArticle CritiqueArticle WritingModule Group StudyBrainstormingRole Playing + DramatizationStudying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)Homework (reading, writing, watching movies etc.)Project Preparation + PresentationPresentation / Seminar Preparation + PresentationOral ExamPreparation for Midterm ExamsMIDTERMPreparation for Einel Exame	Number (week) 14 0 0 0 0 2 7 0 0 2 7 0 0 0 0 0 0 0 0 0 0	Duration (hour) 2 0 0 0 0 2 1 0 0 2 1 0 0 0 1 0 0 0 0 0	Total Work           Load           28           0           14	
COURSE ECTS European Credit Transfer System -Student Workload-	ActivitiesCourse DurationLaboratoryPracticePractice ExaminationCourse-specific InternshipFieldworkArticle CritiqueArticle WritingModule Group StudyBrainstormingRole Playing + DramatizationStudying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)Homework (reading, writing, watching movies etc.)Project Preparation + PresentationPresentation / Seminar Preparation + PresentationOral ExamPreparation for Midterm ExamsMIDTERMPreparation for Final Exams	Number (week) 14 0 0 0 0 2 7 0 0 0 2 7 0 0 0 0 0 0 0 0 0	Duration (hour) 2 0 0 0 0 2 1 0 0 2 1 0 0 0 1 0 0 0 0 0	Total Work           Load           28           0           14	
COURSE ECTS European Credit Transfer System -Student Workload-	ActivitiesCourse DurationLaboratoryPracticePractice ExaminationCourse-specific InternshipFieldworkArticle CritiqueArticle WritingModule Group StudyBrainstormingRole Playing + DramatizationStudying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)Homework (reading, writing, watching movies etc.)Project Preparation + PresentationPresentation / Seminar Preparation + PresentationOral ExamPreparation for Midterm Exams MIDTERMPreparation for Final Exams FINAL	Number (week) 14 0 0 0 2 7 0 0 2 7 0 0 0 0 0 14 0 0 0 0 0 0 0 0 0 0 0 0 0	Duration (hour) 2 0 0 0 2 1 1 0 0 2 1 1 0 0 0 1 0 0 0 0	Total Work           28           0           1	
COURSE ECTS European Credit Transfer System -Student Workload-	ActivitiesCourse DurationLaboratoryPracticePractice ExaminationCourse-specific InternshipFieldworkArticle CritiqueArticle WritingModule Group StudyBrainstormingRole Playing + DramatizationStudying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)Project Preparation + PresentationReport Preparation + PresentationPresentation / Seminar Preparation + PresentationOral ExamPreparation for Midterm Exams MIDTERMPreparation for Final Exams FINAL	Number (week) 14 0 0 0 0 2 7 0 0 0 2 7 0 0 0 0 0 0 0 0 0	Duration (hour) 2 0 0 0 0 2 1 0 0 2 1 0 0 0 1 0 0 0 0 0	Total Work           28           0           1           14           1	
COURSE ECTS European Credit Transfer System -Student Workload-	ActivitiesCourse DurationLaboratoryPracticePractice ExaminationCourse-specific InternshipFieldworkArticle CritiqueArticle WritingModule Group StudyBrainstormingRole Playing + DramatizationStudying outside of Classroom (Preparatory Work, Enhancement, Practice Repetition etc.)Project Preparation + PresentationReport Preparation + PresentationReport Preparation + PresentationPresentation / Seminar Preparation + PresentationOral ExamPreparation for Midterm Exams MIDTERMPreparation for Final Exams FINAL	Number (week)           14           0           1           14           1           Total ECTS           30 hours = 1 ECTS	Duration (hour) 2 0 0 0 0 2 1 1 0 0 0 1 0 0 0 1 0 0 0 0	Total Work           28           0           14           0           0           0           0           0           14           1	