

# ACADEMIC RESEARCH AND REPORTING TECHNIQUES

1	Course Title:	ACADEMIC RESEARCH AND REPORTING TECHNIQUES	
2	Course Code:	CEV3065	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	3	
6	Semester:	5	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	-	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç. Dr. Gizem EKER	
15	Course Lecturers:	-	
16	Contact information of the Course Coordinator:	geker@uludag.edu.tr Tel:0-224-2942116 Uludağ Üniversitesi, Mühendislik Fak, Çevre Müh. Böl.	
17	Website:		
18	Objective of the Course:	The purpose of the course is to explain literature survey, data collection and reporting techniques for doing research on a specific subject. It is aimed to teach methods and types of scientific research and to improve skills in literature survey. It is also aimed to teach the students to put scientific results into report form and to provide the ability to design and report the undergraduate projects, reports within the framework of academic writing rules.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	After the completion of the course, the student has knowledge of importance of research, concept and purposes of scientific research.
		2	can read/investigate scientific research reports in an effective manner.
		3	understands the methods of literature review and accessing to information.
		4	can use data collection tools properly and gain awareness about scientific publications reading methods.
		5	can prepare the research reports, homework and thesis according to essential scientific writing rules.
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21	Course Content:		
		Course Content:	

Week	Theoretical	Practice
1	The concept of science and knowledge, the objectives of science	
2	Scientific method and research relations	
3	Planning of research	
4	Research process	
5	Determination of research objectives and establishment of hypothesis	
6	Research methods	
7	Methods of literature review	
8	The important points to be considered when doing research	
9	Scientific publications reading techniques	
10	Midterm Exam	
11	Preparation of a research report (Introduction)	
12	Preparation of a research report (Materials and methods)	
13	Preparation of a research report (Results and discussion)	
14	Issues to be considered to prepare the report	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	4	2.00	8.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	12	2.00	24.00
Homeworks	1	16.00	16.00

Total Work Load				90.00
Total work load/ 30 hr	3	100.00		3.00
ECTS Credit of the Course				3.00

Measurement and Evaluation Techniques Used in the Course	
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25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS
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ÖK2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			