ESOGU CIVIL ENGINEERING DEPARTMENT

COURSE INFORMATION FORM

Course Name	Course Code
TECHNICAL ENGLISH II	**151414563**

Semester	Number of Course Hours per Week		ECTS
	Theory	Practice	
4	2	0	2

Course Category (Credit)				
Basic Sciences	**Engineering Sciences**	**Design**	**General Education**	**Social**
			2	

Course Language	Course Level	Course Type
English	Undergraduate	Compulsory

Prerequisite(s) if any	-
Objectives of the Course	The course aims to enhance knowledge of commonly used technical terms in the fields of science and technology foundational to engineering, particularly in civil engineering and its sub-disciplines. Additionally, it focuses on developing writing skills for preparing job or academic application documents, as well as formal and informal correspondence that students can use both during their studies and in their professional careers.
Short Course Content	The Technical English course aims to enhance the achievements of students who have begun to expand their professional and technical knowledge during their engineering education. It covers topics related to developing general foreign language skills, with a focus on professional and technical terminology, to enable students to keep up with global developments and establish strong communication skills.

	Learning Outcomes of the Course	Contributed PO(s)	Teaching Methods *	Measuring Methods **
1	Develops vocabulary related to their field and general English	7, 8	1, 5, 11, 15	A, D, G, K
2	Analyzes English grammar rules in texts.	7, 8	1, 5, 11, 15	A, D, G, K
3	Improves skills in English reading, listening, and writing.	7, 8	1, 5, 11, 15	A, D, G, K
4	Enhances writing skills for both official and unofficial correspondence in English.	7, 8	1, 5, 11, 15	A, D, G, K
5	The course broadens knowledge about simple web-based AI tools and develops skills for their use.	1, 4, 7, 8	1, 5, 11, 15	A, D, G, K
6				

***Teaching Methods** **1:**Expression, 2**:**Discussion, **3:**Experiment, **4:**Simulation, **5:**Question-Answer, **6:**Tutorial, **7**:Observation, **8**:Case Study, **9:**Technical Visit, **10:**Trouble/Problem Solving, **11:**Induvidual Work, **12**:Team/Group Work, **13**:Brain Storm, **14:**Project Design / Management, **15:**Report Preparation and/or Presentation

****Measuring Methods** **A:**Exam, **B:**Quiz, **C:**Oral Exam, **D:**Homework, **E:**Report, **F:**Article Examination, **G:**Presentation, **I:**Experimental Skill, **J:**Project Observation, **K**:Class Attendance; **L**:Jury Exam

Main Textbook	Course Notes
Supporting References	Basic Civil Engineering, M S Palanichamy, Tata McGraw-Hill, 2011 Basic Civil and Environmental Engineering, C.P. Kaushık, S.S. Bhavıkattı, Anubha Kaushık Web-based resources for creating official correspondence, sending emails, resumes, cover letters, petitions, etc.
Necessary Course Material	Laptop or desktop computer, data show (data projection devices), fixed or movable white screen, blackboard.

Course Schedule	
1	Terms and Readings Related to General Engineering Sciences
2	Information and Readings on the History of Technology
3	Information and Readings on Computer Technologies in Engineering
4	Applications and Use Cases of Web-Based AI Tools
5	Introduction to Civil Engineering
6	Civil Engineering Terms (Materials Science) and Readings
7	Civil Engineering Terms (Structures and Building Operations) and Readings
8	Midterm Exams
9	Civil Engineering Terms (Geotechnical) and Readings
10	Civil Engineering Terms (Transportation) and Readings
11	Civil Engineering Terms (Hydraulics) and Readings
12	Corporate Email Writing
13	Resume Creation
14	Cover Letter Creation
15	SWOT Analysis
16,17	Final Exam

Calculation of Course Workload			
Activities	**Number**	**Time (Hour)**	**Total Workload (Hour)**
Course Time (number of course hours per week)	14	2	28
Classroom Studying Time (review, reinforcing, prestudy,….)	14	1	14
Homework	2	4	8
Quiz Exam			
Studying for Quiz Exam			
Oral exam			
Studying for Oral Exam			
Report (Preparation and presentation time included)			
Project (Preparation and presentation time included)			
Presentation (Preparation time included)			
Mid-Term Exam	1	1	1
Studying for Mid-Term Exam	1	4	4
Final Exam	1	1	1
Studying for Final Exam	1	4	4
		Total workload	**60**
		Total workload / 30	**2**
		Course ECTS Credit	**2**

Evaluation	
Activity Type	**%**
Mid-term	30
Homework	30
Bir öğe seçin.	
Bir öğe seçin.	
Final Exam	40
Total	100

RELATIONSHIP BETWEEN THE COURSE LEARNING OUTCOMES AND THE PROGRAM OUTCOMES (PO) (5: Very high, 4: High, 3: Middle, 2: Low, 1: Very low)		
NO	**PROGRAM OUTCOME**	**Contribution**
1	Strong background in mathematics, science, and fundamental engineering principles; ability to apply theoretical and practical knowledge from these fields to model and solve engineering problems	2
2	Expertise in identifying, defining, and formulating complex engineering problems in civil engineering and related fields. Ability to select and apply appropriate analysis and modeling methods to solve these problems	
3	Ability to design complex systems, devices, or products under realistic constraints and conditions. Proficiency in using modern design methods to meet specific objectives	
4	Competence in developing, selecting, and using modern techniques and tools for civil engineering applications. Effective utilization of information technologies to support engineering tasks	4
5	Expertise in designing experiments, conducting tests, collecting data, analyzing results, and interpreting findings for civil engineering problem investigations	
6	Ability to work effectively in both intradisciplinary and interdisciplinary teams	
7	Effective Turkish oral and written communication skills and proficiency in using and developing foreign language skills	5
8	Commitment to lifelong learning. Ability to access information, stay up-to-date with advances in science and technology, and continuously self-improve	4
9	Strong sense of professional and ethical responsibility	
10	Knowledge of project management, risk management, and change management practices; awareness of entrepreneurship, innovation, and sustainable development principles	
11	Understanding of the global and societal impacts of engineering applications on health, the environment, and safety; awareness of national and international legal regulations, standards, and the legal implications of engineering solutions	
12		

LECTURER(S)				
Prepared by	Asst. Prof. Dr. Çağdaş KARA	Dr. Kadir Berkhan AKALIN		
Signature(s)				

Date: 23.07.2024