



COURSE INFORMATION FORM

SEMESTER	Fall
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COURSE CODE	151811210	COURSE NAME	Technical English
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SEMESTER	WEEKLY COURSE PERIOD			COURSE OF			
	Theory	Practice	Laboratory	Credit	ECTS	TYPE	LANGUAGE
1	3	0	0	3	3	COMPULSORY (X) ELECTIVE ()	English

COURSE CATAGORY

Basic Science	Basic Engineering Engineering [if it contains considerable design, mark with (√)]	Social Science
		()	

ASSESSMENT CRITERIA

MID-TERM	Evaluation Type	Quantity	%
	1 st Mid-Term		1
2 nd Mid-Term			
Quiz			
Homework			
Project			
Report			
Others (.....)			
FINAL EXAM		1	60

PREREQUIEITE(S)	NONE
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COURSE DESCRIPTION	This course includes study of English grammar, technical vocabulary building, translation of technical essays into Turkish
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COURSE OBJECTIVES	To improve technical vocabulary and translation proficiency of the students in general and mechanical engineering study areas.
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ADDITIVE OF COURSE TO APPLY PROFESSIONAL EDUATION	1. To improve Technical English in an engineering carrier. 2. To improve translation ability from English to Turkish
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COURSE OUTCOMES	Knows the following grammar subjects; C Simple Present Tense, “to be” form, “to be used”, “to be called”, Simple Past Tense, Ability and Capacity, Reason-Result, Future Tense, If Clauses, When Clauses, Clauses of concession, Infinitive of porpose, Present Perfect Tense, Time Clauses, As soon as, Gerund after prepositions, Adverbs, Relative Clauses (Adjective Clauses) Performs technical translation of following technical titles; Matematics, Mater, Sand, General Engineering , Alloys and Alloying Metals, X-Ray, Safety, Transportation, Machine and Tools, Dams, Computers, Energy, Heat and Electiric Circuits and Interpretation of Visual Data
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TEXTBOOK	Technical English, OGU Foreign Language Department
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OTHER REFERENCES	Technical Dictionary, Makine Mühendisleri Odası Academic Reader, METU, Reader at Work, METU, Paragraph Power by George M. Rooks, Academic Writing Course by R.R. Jordan, English Grammar in Use by Raymond Murphy
TOOLS AND EQUIPMENTS REQUIRED	Computer and projection

COURSE SYLLABUS	
WEEK	TOPICS
1	Chapters 1, 2; Grammar: Simple Present Tense, Verbs “to be”, “to have” Text: Mathematics Grammar: “to be used”, “to be called” Text: Matter and/or Zinc
2	Chapters 3, 4; Grammar: Degrees of Adjectives Text: Sand and/or Quartz, Engineering- What is it all about? Grammar: Simple Past Tense, Passive Voice, Adverbial clauses of time with ‘while’, ‘after’, and ‘before’ Text: History of Elevators
3	Chapters 5, 6; Grammar: Countable and Uncountable nouns, Quantity Words Text: Elements and Their Structure, Alloys and Alloying Metals Grammar: Ability and Capacity, Future Tense, so that, and in case structures Text: X-rays, Extractive Metallurgy and/or Safety Precautions
4	Chapters 7, 8; Grammar: Modal auxiliaries (should, ought to), scale of likelihood, due to, because of , owing to Text: Building a house-requirements, future transportation Grammar: ‘Will’ and ‘be going to’ for Future Actions, Describing a process sequencing Text: Machine and Tools and/ or Sewage Systems
5	Chapters 9, 10; Grammar: Conditional Sentences (If Clauses) Text: Steam Grammar: When clauses, Reduces time clauses, Expressing cause and effect. Text: Transistors, Differential Equations and/or Steel Structures
6	Mid-Term Examination 1
7	Chapters 11, 12; Grammar: Must, have to, need to, as, permit, to be (supposed to) do sth Text: Architecture and/ or Dams Grammar: Clauses of concession (Although, though, and even though), Universal conditional concessive clauses. Text: Mainframe Computers and / or Storage Unites
8	Chapters 13, 14; Grammar: Infinitive of purpose, Correlative conjunction (not only...but also) Text: Internal Combustion Engines Grammar: Present Perfect Tense, Time Clauses Text: Screening, Computer- Aided Drawing , Building Construction and/or, Constructing a Skyscraper
9	Chapters 15, 16; Grammar: Gerund after prepositions, Adverbs Text: A Chemical Experiment and/or Plant Location Grammar: Adverbial clauses of reason with ‘as’, ‘because’ and ‘since’ Text: Industry and/or Water Purification
10	Chapter 17 Grammar: Besides, whereas Text: Solar Energy and Asphalt Tunnel Construction, Cement, and/or Concrete
11	Mid-Term Examination 2
12	Chapter 18 Grammar: Relative Clauses (Adjective Clauses) Text: Ceramics, Oil Text:
13	Chapter 19 Grammar: Thus, therefore, furthermore, on the other hand Text: Heat, Electric Circuits
14	Chapter 20 Grammar: Interpretation of Visual Data Atomic Fallout and its effects
15,16	Final Exam

NO	PROGRAM OUTCOMES	3	2	1
1	Sufficient knowledge of engineering subjects related with mathematics, science and ... engineering ; an ability to apply theoretical and practical knowledge on solving and modeling of ... engineering problems.			x
2	Ability to determine, define, formulate and solve complex ... engineering problems; for that purpose an ability to select and use convenient analytical and experimental methods.			x
3	Ability to design a complex system, a component and/or an engineering process under real life constraints or conditions, defined by environmental, economical and political problems; for that purpose an ability to apply modern design methods.			x
4	Ability to develop, select and use modern methods and tools required for ... engineering applications; ability to effective use of information technologies.			x
5	In order to investigate ... engineering problems; ability to set up and conduct experiments and ability to analyze and interpretation of experimental results.			x
6	Ability to work effectively in inner or multi-disciplinary teams; proficiency of interdependence.			x
7	Ability to communicate in written and oral forms in Turkish/English; proficiency at least one foreign language.	x		
8	Awareness of life-long learning; ability to reach information; follow developments			x

	in science and technology and continuous self-improvement.			
9	Understanding of professional and ethical issues and taking responsibility			x
10	Awareness of project, risk and change management; awareness of entrepreneurship, innovativeness and sustainable development.			x
11	Knowledge of actual problems and effects of engineering applications on health, environment and security in global and social scale; an awareness of juridical results of engineering solutions.			x
1:None. 2:Partially contribution. 3: Completely contribution.				

Prepared by: Doç. Dr. Mustafa Ertunç TAT

Date:

Signature(s):