HASAN KALYONCU UNIVERSITY
Faculty of Engineering
Course Description Form

COURSE: Technical English				
CODE: ENG101	**SEMESTER:** FALL			
LANGUAGE: ENGLISH	**TYPE:** COMPULSORY			
PRE-REQUISITES: **CO-REQUISITES:**	**THEORY**	**PRACTICAL**	**CREDIT**	**ECTS**
WEEKLY HOURS:	3	0	3	5

CONTENT OF THE COURSE:
An introductory course in English aimed at students in Computer Engineering department. There is an equal emphasis on spoken and reading within the field of Computer Engineering. The focus of the course is on speaking and writing English using Computer Engineering as the working topic area. The course is divided into two areas:

1)Oral Proficiency- comprised of discussion and presentation with consideration of correct pronunciation and manner.

2) Reading and writing report- consist of a report on a technical subject and topics that relevant to Computer Engineering field.

OBJECTIVE OF THE COURSE:
At the end of the course learners will be able to:
•Develop the ability to participate in exchanges of information and opinions in the context of information technology and computer engineering.
•Develop skills to enhance their ability to read and comprehend computer engineering and technology texts.
•Develop their speaking skills to make technical presentations, participate in group discussions.

WEEKLY SCHEDULE	
Week	**Topics**
1	An Overview of the course
2	Computer Users, Computer Architecture,Language work: Describing how an item functions , exchanging technical information
3	Operating Systems, Applications Programs, Language work: Instructions and complex instructions, exchanging technical information
4	Networks,The Internet,Language work: Relative clauses with a participle, Warning , providing explanations
5	Reading Technical Article
6	Communications Systems, Computing Support, Language work: predictions and certainty expressions, Diagnosing a fault and giving advice
7	Data Security, Language work: cause and effect, causative verbs, using allow and prevent links, Diagnosing a fault and giving advice
8	Reading Technical Article
9	Midterm,
10	Software Engineering Language work: describing advantages and disadvantages Do

	until, do-while, exchanging information and options
11	People in Computing, Language work: Requirements; need to, have to, must, be + essential/critical, asking targeted questions,
12	Recent Developments in IT, Language work: Ability; can, could, be able to, exchanging information and options,
13	Reading Technical Article,
14	Home Work Presentation and discussion

TEXTBOOK:

Eric Glendinning, John McEwan, Oxford English for Information Technology, Oxford University Press, USA 2006

REFERENCE BOOKS:

1. Department of English, Anna University. Mindscapes: English for Technologists and Engineers. Orient Blackswan, Chennai. 2012
2. Dhanavel, S.P. English and Communication Skills for Students of Science and Engineering. Orient Blackswan, Chennai. 2011
3. Downes, Colm, Cambridge English for Job-hunting, Cambridge University Press, New Delhi. 2008
4. Murphy, Raymond, Intermediate English Grammar with Answers, Cambridge University Press 2000
5. Regional Institute of English. English for Engineers. Cambridge University Press, New Delhi. 2006
6. Rutherford, Andrea. J Basic Communication Skills for Technology. Pearson, New Delhi. 2001
7. Board of editors. Fluency in English A Course book for Engineering and Technology. Orient Blackswan, Hyderabad: 2016

EVALUATION SYSTEM:		
IN-TERM STUDIES	**QUANTITY**	**PERCENTAGE (%)**
Midterm Exam	1	20
Homework	3	30
Labworks	0	0
Quiz	2	10
Final Exam	1	40
TOTAL		
CONTRIBUTION OF INTERM STUDIES TO OVERALL GRADE	6	60
CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE	1	40
TOTAL		100

COURSE CATEGORY:	**PERCENTAGE (%)**
Mathematics and Basic Sciences	%30
Engineering	%50

Engineering Design	%0
Social Sciences	%20

TABLE OF ECTS / WORKLOAD:			
Activities	**QUANTITY**	**Duration (Hour)**	**Total Workload**
Course Duration	13	3	39
Hours for off-the-classroom study (Pre-study, practice)	14	6	84
Mid-term	1	2	2
Final examination	1	2	2
Homework	3	3	9
Quiz	2	0.5	1.0
Total Work Load			**137**
Total Work Load / 30			**4.5**
ECTS Credit of the Course			**5**

INSTRUCTOR(S):	Asst. Prof. Dr. Mohammed Madi
FORM PREPARATION DATE:	4/12/2019

	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**
LO1	0	0	0	0	0	3	2	0	0	0	0
LO2	0	0	0	0	0	3	2	0	0	0	0
LO3	0	0	0	0	0	3	2	0	0	0	0
	PO: Program Outcomes | LO: Learning Outcomes Values: 0: None | 1: Low | 2: Medium | 3: High										

LEARNING OUTCOMES OF THE COURSE:	**PROGRAM OUTCOMES:**
LO1: Develop the ability to participate in exchanges of information and opinions in the context of information technology and computer engineering. LO2: Develop skills to enhance their ability to read and comprehend computer engineering and technology texts. LO3: Develop their speaking skills to make technical presentations, participate in group discussions.	**PO1:** Adequate knowledge in mathematics, science and engineering subjects pertaining to the relevant discipline; ability to use theoretical and applied knowledge in these areas in complex engineering problems. **PO2:** Ability to identify, formulate, and solve complex engineering problems; ability to select and apply proper analysis and modeling methods for this purpose. **PO3:** Ability to design a complex system, process, device or product under realistic constraints and conditions, in such a way as to meet the desired result; ability to apply modern design methods for this purpose. **PO4:** Ability to devise, select, and use modern

	techniques and tools needed for analyzing and solving complex problems encountered in engineering practice; ability to employ information technologies effectively. **PO5:** Ability to design and conduct experiments, gather data, analyze and interpret results for investigating complex engineering problems or discipline specific research questions. **PO6:** Ability to work efficiently in intra-disciplinary and multi-disciplinary teams; ability to work individually. **PO7:** Ability to communicate effectively in Turkish, both orally and in writing; knowledge of a minimum of one foreign language; ability to write effective reports and comprehend written reports, prepare design and production reports, make effective presentations, and give and receive clear and intelligible instructions. **PO8:** Recognition of the need for lifelong learning; ability to access information, to follow developments in science and technology, and to continue to educate him/herself. **PO9:** Consciousness to behave according to ethical principles and professional and ethical responsibility; knowledge on standards used in engineering practice. **PO10:** Knowledge about business life practices such as project management, risk management, and change management; awareness in entrepreneurship, innovation; knowledge about sustainable development. **PO11:** Knowledge about the global and social effects of engineering practices on health, environment, and safety, and contemporary issues of the century reflected into the field of engineering; awareness of the legal consequences of engineering solutions.