Identification	**Subject (code, title, credits)**	**ENGL 216 ESP Computer Engineering 3KU/ ECTS**
	Program (undergraduate, graduate)	Undergraduate program
	Department	English Language and Literature
	Term	Fall, 2024
	Instructor, title	Nahida Guliyeva
	E-mail:	nahide.quliyeva5@gmail.com
	Phone:	
	Classroom/hours	6 hours
	Office hours	Monday-Thursday
Prerequisites	**Foundations 2**	
Language	English	
Compulsory/Elective	Compulsory	
Required textbooks and course materials	- Oxford English for Information technology, Eric H. Glendinning, John McEwan, Oxford University Press; 2nd Edition (October 26, 2006) - Technical English – Vocabulary and Grammar, Nick Brieger, Alison Pohl, Summertown Publishing - English for Information Technology, David Hill, Pearson Education ESL; 1st Edition (March 13, 2013) - Infotech English for computer users, Santiago Remacha Esteras, Cambridge [England]. Cambridge University Press, 2008. - Oxford English for Computing, Keith Boeckner, P. Charles Brown, Oxford University Press - Oxford English for Careers: Technology 1, Eric H. Glendinning, Oxford University Press - Oxford English for Careers: Technology 1, Eric H. Glendinning, Oxford University Press - Materials distributed by teacher	
Course description	This is an English course for students of computer science and engineering. It aims at helping students to develop a great variety of language skills and acquire knowledge of computers and technical terminology in the same field. It also seeks to improve their reading strategies, understanding of English clause structure and connectors encountered in academic types of reading, and the development of reading fluency. This course assumes the students have obtained a reasonable level of English in their previous studies. The course provides students with extensive, systematic and well-integrated practice in the productive and receptive skills necessary for successful communication in both oral and written forms of the language.	
Course outline	• Cyber security • Artificial intelligence • Information society • Bio-informatics • Programming languages • Operating systems • Database administration • Computer System Analysis • Computer Network Architects • Software development • Web development	

<table>
<tr><td></td><td colspan="3">• Computer assisted education</td></tr>
<tr><td>Course objectives</td><td colspan="3">This course seeks to develop the following skills, abilities in students
• Familiarizing students with technical terminology in the field of computer engineering
• Increase awareness of the roles of computer engineering in other technological fields
• Improve students' ability to use Web based sources of information to study in the field of computer engineering
• Enhance students' practical skills in making and delivering presentations,
• Provide students with adequate training in summarizing information and writing technical papers</td></tr>
<tr><td>Learning outcomes</td><td colspan="3">Upon successful completion of the course, the students should be able to:
• Utilize the special terminology used in technical text books and major courses
• Discuss latest developments in the field of computer engineering
• Deliver group and individual presentations about technical issues with fluency.
• Be able to discern technical writing including the definition, purpose and distinctive features of Technical Writing
• Have a clear idea about the process composing a technical report
• Successfully write a Technical report about subjects related to their field of study</td></tr>
<tr><td rowspan="7">Teaching methods</td><td colspan="2">Lecture</td><td></td></tr>
<tr><td colspan="2">Group discussion</td><td>*</td></tr>
<tr><td colspan="2">Reading technical texts</td><td>*</td></tr>
<tr><td colspan="2">Videos</td><td></td></tr>
<tr><td colspan="2">Writing tasks</td><td>*</td></tr>
<tr><td colspan="2">Online research & presentations</td><td>*</td></tr>
<tr><td colspan="2">Others</td><td></td></tr>
<tr><td rowspan="7">Evaluation</td><td>Methods</td><td>Date/deadlines</td><td>Percentage (%)</td></tr>
<tr><td>Midterm exam</td><td>November</td><td>30</td></tr>
<tr><td>Extensive Reading</td><td>Till the Final Exam</td><td>8</td></tr>
<tr><td>Speaking Videos</td><td>Till the Final Exam</td><td>7</td></tr>
<tr><td>Writing Project</td><td>Till the Final Exam</td><td>10</td></tr>
<tr><td>Teamwork & Participation</td><td>During a term</td><td>10</td></tr>
<tr><td>Final Exam</td><td></td><td>35</td></tr>
<tr><td></td><td>Total</td><td></td><td>100</td></tr>
<tr><td>Policy</td><td colspan="3">Assessment
Poster Design- practical English learning process. In this activity a group of 3 to 5 students are selected and one topic is given to them to prepare a poster. The teamwork in preparation and designing poster about some specific topics is the main purpose of this stage.
Extensive Reading- Short stories and staged simplified novels are selected and assigned to be read by the students. A continual observance of reading progress is recommended.
Speaking Videos- Students record a video narration of the read short stories or any other subject of their own choice relevant to their disciplines, in their mobile phones for five minutes. The recorded works can be displayed in the classroom and accordingly evaluated on their fluency, content, creativity, vocabulary and structure.
Writing Projects- Every student is given an opportunity to conduct independent investigation on a topic, preferably in their own field of study that interests her/him the most.
Attendance (Lateness): Attendance is important. Absences can be detrimental to one's grade due to the number of class activities (presentations and class participation) and</td></tr>
</table>

	complexity of the subject. For every three unexcused absences one (1) point will be deducted from the grade point average. More than 10 unexcused absences are excessive. Free participation is discouraged. **Missed exams or assignments:** Advance notification should be given if the student is unable to attend a scheduled presentation or test. Full class participation and completion of assigned homework are necessary. **Academic Dishonesty:** Any plagiarism while studying will be severely penalized, including the possibility of receiving a non-pass for the course. Reference should be given to the sources used in one's work. However, any research paper consisting of references and citations only, without further analysis by the student, will not be acceptable either. Cheating during the tests will be penalized including the possibility of a zero mark on the test.

Tentative Schedule

Week	Date/Day (tentative)	Topics	Textbook/Assignments/Reading
1		Introduction to the course. Ice breaking activities **Unit 1/ Unit 2.** Living in a digital age/ SComputers essentials **Course content:** talking and writing computer applications in everyday life, studying the differences between the certain types of computer, learning how to classify compute devices	Infotech English for computer users, Unit 1 Career Path Computing Handouts
2		**Unit 3/ Unit 4.** Inside the system / Buying a computer ***Course content:*** Leaning about the structure and functions of the CPU, learning show to distinguish between RAM and ROM, leaning how memory is measured, learning how to understand the echnical specs of different computers.	Infotech English for computer users, Unit 1 Career Path Computing Handouts
3		**Unit 5 / Unit 6** Type, click, talk / Capture your favorite image ***Course content:*** Describing input and output devices, Identifying the different keys on a keyboard and explain their functions, learning how to understand the technical specs of digital cameras, printers and display devices	Infotech English for computer users, Unit 1 Career Path Computing Handouts
4		**Unit 7 / Unit 8** Display screens and ergonomics / Choosing a printer ***Course content:*** Practicing recommending the most suitable display device for particular people, comparing different types of printer	Infotech English for computer users, Unit 1 Career Path Computing Handouts
5		**Unit 9 / Unit 10** Devices for the disabled / Magnetic storage ***Course content:*** Learning and using discourse connectors, leaning about what sort of input / output devices disabled people can uses, leaning about different types of magnetic drive and disk.	Infotech English for computer users, Unit 1 Career Path Computing Handouts
6		**Unit 11 / Unit 12** Optical storage / Flash memory ***Course content:*** Using technical vocabulary associated	Infotech English for computer users, Unit 1

		with optical storage devices and media, leaning about the technical details of flash memory and its uses.	Career Path Computing Handouts
7		**Unit 13 / Unit 14** The operating system [OS] / Word processing [WP] ***Course content:*** Leaning about the function of the operating system, leaning about the basic features and applications of word processors	Infotech English for computer users, Unit 1 Career Path Computing Handouts
8		Midterm exam	
9		**Unit 15 / Unit 16** Spreadsheets and databases / The Internet and email ***Course content:*** Studying vocabulary related to the Internet and email	Infotech English for computer users, Unit 1 Career Path Computing Handouts
10		**Unit 17, 18 ,19** The Web / Chat and conferencing / Internet security ***Course content:*** Learning about the basic features of the Web, learning and use collocations related to the Internet, learning and use vocabulary related to the Web – commerce, online banking, online chatting and videoconferencing, discuss controversial issues related to the Internets	Infotech English for computer users, Unit 1 Career Path Computing Handouts
11		**Unit 20 / Unit 21, 22** Graphics and designs / Desktop publishing / Multimedia ***Course content:*** Leaning and use vocabulary related to graphics software, learning how to describe graphics, leaning about the main components applications of multimedia systems.	Infotech English for computer users, Unit 1 Career Path Computing Handouts
12		**Unit 23 / Unit 24, 25** Web design / Program design and computer languages / Java ***Course content:*** *Studying the basic principles of web page design, designing a mock home page for a college or company, studying the basic concepts in principles of web page design, studying basic concepts in programming, leaning and using the basic vocabulary associated with the Java language.*	Infotech English for computer users, Unit 1 Career Path Computing Handouts
13		**Unit. 26 / Unit 27, 28** Jobs in ICT / Communication systems / Networks ***Course content:*** Discussing the personal qualities and	Infotech English for computer users, Unit 1 Career Path Computing

		professional skills needed for a job in ICT, leaning how to write a CV and a letter applying for a job, leaning about different ICT system, studying the basics of networking, describe networks	Handouts
14		**Unit 29 / Unit 30** Video games / New technologies ***Course content:*** Giving opinions about video games, studying the basics of networks	Infotech English for computer users, Unit 1 Career Path Computing Handouts
15		Projects, presentations and evaluation Review session	
16		Final Exam	