



UNIVERSITÀ DI PAVIA

Anno Accademico 2021/2022

ENGLISH FOR ENGINEERING	
Enrollment year	2019/2020
Academic year	2021/2022
Regulations	DM270
Academic discipline	L-LIN/12 (ENGLISH LANGUAGE AND TRANSLATION)
Department	DEPARTMENT OF ELECTRICAL, COMPUTER AND BIOMEDICAL ENGINEERING
Course	ELECTRONIC AND COMPUTER ENGINEERING
Curriculum	PERCORSO COMUNE
Year of study	3°
Period	2nd semester (07/03/2022 - 17/06/2022)
ECTS	3
Lesson hours	22 lesson hours
Language	English
Activity type	WRITTEN AND ORAL TEST
Teacher	FREDDI MARIA (titolare) - 3 ECTS
Prerequisites	B1 CEFR level general English proficiency
Learning outcomes	<p>The aim of the course is to prepare students for attainment of B2 CEFR level, as adapted to the language and communication needs of engineers in the Global Engineers Language Skills (GELS) Framework, 2021 (https://www.clic.eng.cam.ac.uk/files/gels_framework_2021.pdf). On successful course completion, students are expected to develop English language proficiency in all four skills, speaking, listening, reading, and writing, fulfilling the following objectives:</p> <ul style="list-style-type: none">- interact effectively on a range of topics within the engineering field of choice, substantiate opinions with evidence, and negotiate them with colleagues;- find answers to specific questions in texts on engineering topics in a

	<p>range of media;</p> <p>- understand oral texts and summarize and/or paraphrase written texts about technical topics, and use the conventions of formal correspondence.</p>
Course contents	<p>The course covers topics common to all kinds of engineering (incl. civil, electrical, electronic, and mechanical), such as processes, measurements, and components, and presents students with the specialist English they need to work as engineers in the international market.</p> <p>Authentic activities taken from the set book and other learning materials, from reporting on technical problems and suggesting solutions to explaining a graph, describing a network and explaining technical specifications, all help develop the accuracy, clarity and appropriacy of engineering students' communication skills. Students are encouraged to apply the skills directly to their own field.</p>
Teaching methods	<p>Seminars, small group and pair work, lab activities, guest speakers' classes</p>
Reccomended or required readings	<p>Ibbotson, Mark (2009) Professional English in Use: Engineering. With Answers. Series: Technical English for Professionals, B1-B2, Cambridge, Cambridge University Press</p> <p>More learning material will be made available through the course webpage on Kiro (e-learning.unipv.it)</p>
Assessment methods	<p>The exam to obtain the 3 CFU of English for Engineering will consist in an online multiple choice test with items of the type practiced in class, followed by a brief oral presentation of one of the activities introduced during the course and relevant to the individual student's specialisation of choice.</p>
Further information	<p>By successfully passing the English for Engineering exam, students can enrol in an engineering Master's degree taught entirely in English without further language tests.</p>
Sustainable development goals - Agenda 2030	<p>4. Quality Education 7. Renewable Energy 9. Innovation and Infrastructure 11. Sustainable Cities and Communities 12. Responsible Consumption \$Ibl legenda sviluppo sostenibile</p>