SYLLABUS

1. Course title:

TECHNICAL ENGLISH

2. Code:

3. Cycle of study:

I

4. ECTS credits:

2

5. Type of course:

Mandatory

6. Prerequisites:

none

7. Class restrictions:

none

8. Duration / semester(s):

I V

9. Weekly contact hours and student workload:

	Semester (1)	Semester (2)	(for two-semester courses)	Workload: (hours)	
9.1. Lectures	2		Classes:	22.50	
9.2. Seminars	0		Individual work:	36.33	
9.3. Laboratory / Practice classes	0		In total:	58.83	

10. Faculty:

Faculty of Mechanical Engineering

11. Department/study program:

Power Mechanical Engineering, Production Mechanical Engineering, Mechatronics

12. Lecturer:

13. Course aims:

- Expanding vocabulary related to mechanical engineering
- Developing speaking skills and understanding texts about mechanical engineering
- Developing writing and reading skills in the field of mechanical engineering

- Developing speaking skills and learning to present topics about mechanical engineering

14. Learning outcomes:

At the end of the semester successful students will be able to
- read and understand longer texts about mechanical engineering
- speak English fluently at meetings about topics in mechanical engineering
- write reports in English to explain problems, describe phenomena, express opinions about topics in mechanical engineering
- understand longer speech in English with longer structures and vocabulary specific to mechanical engineering

15. Course content:

1. Describing technical functions and applications in English.
2. Explaining how technology works in English.
3. Emphasizing technical advantages in English.
4. Simplifying and illustrating technical explanations in English.
5. Describing specific materials in English.
6. Categorizing materials in English.
7. Specifying and Describing Properties in English.
8. Discussing quality issues in English.
9. Describing component shapes and features in English.
10. Explaining and assessing manufacturing techniques in English.
11. Explaining jointing and fixing techniques in English.
12. Describing positions of assembled components in English.
13. Working with drawings in English.
14. Discussing dimensions and precision in English.
15. Describing design phases and procedures in English.

16. Learning methods:

Lectures are held using various multimedia teaching aids, active study and active participation of students in the teaching process. Various types of in-class activities. The language of instruction is English.

17. Assessment methods:

After the first half of the semester students take a test which includes the topics covered. For this assignment, students can earn a maximum of 40 points.All students take the test at the same time to ensure that everyone has an equal chance. For continued active in-class participation over the semester students can earn a maximum of 10 points. The final exam is in the written form. The maximum number of points that each student can earn is 50. In order to pass the final exam, students are required to earn at least 25 points.

18. Assessment components:

Pre-exam points amount to a maximum of 50 points and the maximum number of points that can be earned on the final exam is 50. Pre-exam points include one mid-term test, earning a maximum of 40 points, and attendance and in-class active participation for which students can earn a maximum of 10 point. This amounts to a total of 100 points (50+40+10). The minimum number of points required to pass an exam is 54. The final grades are

Grading scale is as follows:

Grade	Description	Letter/Points
5 (five)	Does not meet minimum criteria	F <54
6 (six)	Meets minimum criteria	E 54-64
7 (seven)	Generally good, but with significant shortcomings	D 65-74
8 (eight)	Average, with noticeable errors	C 75-84
9 (nine)	Above average, with some errors	B 85-94
10 (ten)	Exceptional with no or minor errors	A 95-100

19. Mandatory reading list:

1. Ibbotson, Mark (2008). Cambridge English for Engineering. Student's Book. Cambridge: Cambridge University Press
2. Ibbotson, Mark (2009). Professional English in Use. Engineering. Technical English for Professionals. Cambridge: CUP

20. Additional reading list:

21. Web sources:

22. Applicable from the academic year:

23. Adopted in the Faculty/Academy session: