

<b>Course title:</b>	<b>English language – level IV</b>
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Course code	Course status	Semester	Number of ECTS credits	Lecture hours
131003170	Facultative	III	2	2+2

**Study program:**

Basic academic studies, ELECTRICAL ENGINEERING, study program: Power systems and Control (studies last for 6 semesters, 180 ECTS credits).

**Prerequisites:**

Level III exam of the English language passed.

**Course aims:**

Introduction to the basic terminology of technical sciences, basic technical terms and concepts.

**Teacher(s) and assistant(s) first and last names:**

Vesna Bratić

**Studying method:**

Brief explanations and exercising of planned language topics.

**Course synopsis:**

Preliminary weeks	Preparation and semester enrolment.
I week	Engineering, types and basic concepts.
II week	Engineering materials.
III week	Mechanisms in technics.
IV week	Forces.
V week	<b>First test</b>
VI week	Electric motor.
VII week	<b>Free week</b>
VIII week	Central heating.
IX week	Young engineers. Work safety.
X week	<b>Second test</b>
XI week	Lasers.
XII week	Refrigerator.
XIII week	Transportable generator.
XIV week	CAD
XV week	Summary and preparation for the final exam.
XVI week	<b>Final exam</b>
Final week	Administrative procedures.
XVIII-XXI week	Additional lessons, correction of the final exam and administrative procedures.

**STUDENT WORKLOAD**

<u>per week</u>	<u>per semester</u>
<b>Working hours:</b> 2 credits x 40/30 = 2 hours and 40 min.	<b>Teaching and the final exam:</b> (2.66 hours) x 16 = 42 hours and 40 minutes.
<b>Working hours structure:</b> 2 hours for teaching 2 hours for laboratory exercises.	<b>Necessary preparation</b> (before semester): 2 x (2.66 hours) = 5 hours and 20 minutes.
	<b>Total work hours for the course:</b> 2 x 30 hours = 60 hours
	<b>Additional hours</b> for preparing correction of the final exam, including the exam taking: up to 12 hours.
	<b>Work hours structure:</b> 42 hours and 40 minutes (lectures) + 5 hours and 20 minutes (preparation) + 12 hours (additional work)

**Literature:** Eric H. Glendinning, John McEwan: Oxford English for Electronics.

**The forms of knowledge testing and grading:**

- Lessons attendance carries 5 points.
- Presentations carry 5 points.
- Each test carries 20 points (40 points total).
- Final exam carries 50 points.

Student gets the passing grade by collecting 51 points at least.

**Special remarks for the course:**

**Teacher(s) who provided the information:** Ph.D. Igor Lakić

**Remark:** Additional information at [www.institut.cg.yu](http://www.institut.cg.yu)