

Course title: English language – level V

Course code	Course status	Semester	Number of ECTS credits	Lecture hours
131004223	Facultative	IV	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 IV 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	Careers in engineering. Job application. CV
II week	Charts.
III week	Industrial processes. Power generating enginery.
IV week	Robotics.
V week	Presentations. Essays.
VI week	Radio. Transistors (characteristics).
VII week	Free week
VIII week	Remote control. Alarm systems.
IX week	Metal detectors. Testing and repairing instruments.
X week	Test
XI week	Field engineer.
XII week	Engineering staff.
XIII week	Data transfer. Computers.
XIV week	CAD
XV week	Summary and preparation for the final exam.
XVI week	Final exam
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>
Working hours: 2 credits x 40/30 = 2 hours and 40 min.	Teaching and the final exam: (2.66 hours) x 16 = 42 hours and 40 minutes.
Working hours structure: 2 hours for teaching 2 hours for laboratory exercises.	Necessary preparation (before semester): 2 x (2.66 hours) = 5 hours and 20 minutes.
	Total work hours for the course: 2 x 30 hours = 60 hours
	Additional hours for preparing correction of the final exam, including the exam taking: up to 12 hours.
	Work hours structure: 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 10 points.
- Test carries 35 points.
- 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