

Title <b>Foreign Specialist Language (Język obcy specjalistyczny)</b>	Code <b>1010402221010910678</b>
Field <b>TECHNICAL PHYSICS</b>	Year / Semester <b>1 / 2</b>
Specjalty -	Course <b>core</b>
Hours Lectures: - Classes: <b>4</b> Laboratory: - Projects / seminars: -	Number of credits <b>2</b>
	Language <b>polish</b>

**Lecturer:**

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**Status of the course in the study program:**

Core course of the study for Technical Physics, Faculty of Technical Physics.

**Assumptions and objectives of the course:**

Student can understand technical texts and use the specialised vocabulary in the field of study. Student is able to write a summary and an abstract of a paper. Student knows how to prepare and deliver presentation describing elements of the master thesis. Student's communication skills are well developed.

**Contents of the course (course description):**

Developing communication skills, creating written forms focusing on writing summaries and abstracts of research papers, and description of an experiment. Further practice of multimedia presentation of research material. Development of advanced ESP vocabulary in the field materials technology: categories of materials: properties of metals, alloys, thermoplastics, thermosetting plastics, composites, new material; technology of materials: plating, galvanisation, hardening, tempering, thermal treatment; new materials; grapheme; recycling: benefits and problems.

**Introductory courses and the required pre-knowledge:**

Credit for the English course and exam required at undergraduate study programme.

**Courses form and teaching methods:**

Task-based classes with a multimedia component.

**Form and terms of complete the course - requirements and assessment methods:**

Written tests, speaking activity, minimum one presentation during the course.

**Basic Bibliography:**

1. Mark Ibbotson: Cambridge English for Engineering, Cambridge University Press, 2008
2. Mark Ibbotson: Professional English in Use; Engineering, Cambridge University Press, 2009
3. Eric H. Glendinning, Norman Glendinning: Oxford English for Electrical and Mechanical Engineering, Oxford University Press, 2000
4. Dorothy E. Zemach, Lisa A. Rumisek: Academic Writing, Macmillan 2005
5. David Porter: Academic English, 3rd edition, A&C Black Publishers 2007

**Additional Bibliography:**

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