

Title Energoelectrotechnics	Code 1018071610103110160
Field Electronics and Telecommunications	Year / Semester 3 / 6
Specialty -	Course core
Hours Lectures: 2 Classes: - Laboratory: - Projects / seminars: -	Number of credits 1
	Language polish

Lecturer:

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Faculty:

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Status of the course in the study program:

Obligatory course of the study programs for the Electronics and Telecommunications.

Assumptions and objectives of the course:

The knowledge of theoretical and practical problems concerning the exploitation of electrical-technical objects, especially in telecommunication.

Contents of the course (course description):

Exploitation characteristics of an electro-energetics system. System of supply by electric energy. Diesel-electrical units as sources of back-up supply of technical objects of different types, including computer steering systems. Realization of the exploitation process of electrical-technical objects such as electrical machines, transformers and power-electronic systems. The influence of environmental conditions on work and durability of electrical-technical objects. Selected problems of Electromagnetic Compatibility. The basics of normalization in exploitation of power-electric objects, including problems of energetics law.

Introductory courses and the required pre-knowledge:

Basic knowledge of electrotechnics and electronics.

Courses form and teaching methods:

Lectures.

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

Oral examination.

Basic Bibliography:

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Additional Bibliography:

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