

Title P.O. Digital Signal Processing - selected issues	Code 1010322331010320953
Field Power Engineering	Year / Semester 2 / 3
Specialty -	Course core
Hours Lectures: 2 Classes: - Laboratory: 1 Projects / seminars: -	Number of credits 0
	Language polish

Lecturer:

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Faculty:

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Status of the course in the study program:

Facultative subject, Faculty of Electrical Engineering, Field: Electrical Power Engineering, Profile: Ecologic sources of electric energy, Extramural undergraduate studies

Assumptions and objectives of the course:

Understanding of digital recording and analysis of the measurement signals. Knowledge of advanced methods of digital signal processing.

Contents of the course (course description):

Understanding the structure and rules of the selected transducers and recording equipment in the form of digital signals. Converting analog signals to digital - a description of the mathematical and practical solutions. Time, frequency and time - frequency methods of signals analysis.

Introductory courses and the required pre-knowledge:

Basic knowledge of electrical engineering. Computer literacy.

Courses form and teaching methods:

Lecture with the use of audiovisual techniques. Practical laboratory course in the computer room.

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

Final test

Basic Bibliography:

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Additional Bibliography:

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