

Title Automatics and informatics in industry and vehicles	Code 10103212710103201266
Field Electrical Engineering	Year / Semester 4 / 7
Specialty Electric and Informatics Systems in Industry and Vehicles	Course core
Hours Lectures: 1 Classes: - Laboratory: 1 Projects / seminars: -	Number of credits 6
	Language polish

Lecturer:

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Status of the course in the study program:

Obligatory course of the study programs for the Electrical Engineering branch of the Electric Faculty, in the speciality Electric and Informatics Systems in Industry and Vehicles.

Assumptions and objectives of the course:

Come to know: selected industrial processes and their control algorithm, microcomputer real time control systems.

Contents of the course (course description):

Basic knowledge on real time control systems. Specification and characteristics selected industrial processes, traditional and modern algorithms continues control processes. Characteristics, uses and programming selected programming controllers, standard programming languages, examples of application for control objects and processes.

Introductory courses and the required pre-knowledge:

The basic knowledge of control theory.

Courses form and teaching methods:

Lecture and laboratory.

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

Pass exam and laboratory.

Basic Bibliography:

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Additional Bibliography:

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