

Title Computer Measuring Systems	Code 10103222210103201100
Field Elektrotechnics	Year / Semester 1 / 2
Specialty -	Course core
Hours Lectures: 1 Classes: - Laboratory: - Projects / seminars: 1	Number of credits 2
	Language polish

Lecturer:

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Status of the course in the study program:

Obligatory course, Faculty of Electrical Engineering, field Electrotechnics.

Assumptions and objectives of the course:

The student should obtain the knowledge of the modern methods of measuring process automation, remote control of devices, data acquisition and processing in computer measuring systems.

Contents of the course (course description):

General information, classification, functional structure and dynamics of measuring systems. Characteristics of different kinds of communication interfaces used in measuring devices. SCPI standard, model of a device, recognition of the device status, hierarchical structure of commands system, programming functions.

Introductory courses and the required pre-knowledge:

Fundamentals of electrical and electronic engineering, computer science.

Courses form and teaching methods:

Lectures, projects.

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

Test after the course and reports on projects.

Basic Bibliography:

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Additional Bibliography:

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