Title	Code
Computer Aided Design of Control Systems	**1010332131010330816**
Field: **Control Engineering and Robotics**	Year / Semester: **2 / 3**
Specialty: **Control Engineering**	Course: **core**
Hours: Lectures: **2** Classes: **-** Laboratory: **-** Projects / seminars: **2**	Number of credits: **3**
	Language: **polish**

Lecturer:

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Status of the course in the study program:

Obligatory course at Automation Speciality on Control Engineering

Assumptions and objectives of the course:

The study of compound issue solving methods using programming languages. Development of support and supervise computer applications used to resolve a problem.

Contents of the course (course description):

Introduction: computational intelligence methods usage examples, knowledge bases, quality benchmark creation.

RWC algorithm: RWC (Random Weight Change) usage examples, quality functions, rules base creation.

Support application: technical computing languages usage, graphics usage in computing, application development in multithreads operating systems.

Introductory courses and the required pre-knowledge:

Basic knowledge of mathematics and control theory, high-level programming language skills.

Courses form and teaching methods:

Lectures supported by project.

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

Evaluation of student projects.

Basic Bibliography:

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Additional Bibliography:

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