

Title (Zarządzanie)	Code 10102553210102202556
Field Mechatronics	Year / Semester 1 / 2
Specialty -	Course core
Hours Lectures: 1 Classes: - Laboratory: - Projects / seminars: -	Number of credits 2
	Language polish

Lecturer:

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Faculty:

Faculty of Mechanical Engineering and Management
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Status of the course in the study program:

Obligatory course in the field of Mechatronics ? II degree of studies.

Assumptions and objectives of the course:

Acquiring knowledge of basic methods of production control and project management.

Contents of the course (course description):

Production control (logistic processes, production flow management). Quality management, statistical process control (SPC). Fundamentals of Lean Manufacturing. Theory of constraints (TOC) application. Information systems management. Project management - phases, division of tasks, roles and responsibilities of the project leader. Project management tools. Elements of Lean Scheduling. Targeting groups of people ? matrix organization structure, mindsets of the team members.

Introductory courses and the required pre-knowledge:

Basic knowledge of production engineering and management.

Courses form and teaching methods:

Lectures with audio-visual materials, discussion and problem solving assignments.

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

Written examination (multiple-choice test and cases).

Basic Bibliography:

Additional Bibliography: