

Title <b>(Zarządzanie)</b>	Code <b>10102553210102202474</b>
Field <b>Mechatronics</b>	Year / Semester <b>1 / 2</b>
Specialty -	Course <b>core</b>
Hours Lectures: <b>1</b> Classes: - Laboratory: - Projects / seminars: -	Number of credits <b>2</b>
	Language <b>polish</b>

**Lecturer:**

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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:**