

# SYLLABUS

**Name:** *Project Management (MakAu>SI5PM18)*

**Name in Polish:**

**Name in English:** *Project Management*

## Information on course:

**Course offered by department:** Faculty of Automatic Control, Electronics and Computer Science

**Course for department:** Silesian University of Technology

## Default type of course examination report:

ZAL

## Language:

English

## Short description:

The course on Project Management sets out to teach the advanced theory and methodologies one needs to develop their knowledge to successfully manage projects or participate in a project team.

## Description:

ECTS 2

Total workload: 60 hours, (30 contact hours / 30 student's own work hours)

Lecture: 15h

Laboratory: 15h

Student workload hours: Design&Work out of the Individual Project

List of covered topics:

- Project Management (Traditional, Agile and Hybrid)
- Project Life Cycle
- Project Team
- Project Manager
- Project Sponsor
- Stakeholders

Key areas of managing the projects: Project Integration Management, Project Scope Management, Project Time Management, Project Cost Management, Project Resource Management, Project Communications Management, Project Risk Management, Project Procurement Management, Project Stakeholders Management.

## Bibliography:

A Guide to the Project Management Body of Knowledge and The Standard for Project Management", Project Management Institute, Inc., Newtown Square Pennsylvania, USA 2021;

"ICB – Individual Competence Baseline (ICB4)", International Project Management Association, Nijkerk, Netherlands 2015;

Scott B., "The Art of Project Management", O'Reilly Media, Inc, New York 2005

## Learning outcomes:

The students know basic concepts in the field of project management; Assessment method: Evaluation of Project (K1A\_W09; K1A\_W14; K1A\_U06)

The students know how to make project charter, Work Breakdown Structure (WBS), Critical Path Diagram (CPD), Gantt Chart;;

Assessment method: Evaluation of Project; (K1A\_U06; K1A\_U15; K1A\_K05)

The students possess the skills necessary to manage project teams, Assessment method: Evaluation of Project; (K1A\_W09; K1A\_W14; K1A\_U06; K1A\_U13)

The students are able to successfully launch and lead simple project; Assessment method: Evaluation of Project; (K1A\_W14; K1A\_U06; K1A\_K05)

## Assessment methods and assessment criteria:

The final grade is determined following the student is awarded at least 2.5 points from partial tests of theory and calculated on the average of points awarded for all tests from theory and final project work, however the project works has a higher weight (8 out 10) in the final mark according to the following rules:

- 2.5 - 3.29(9) - 3.0 (dost)
- 3.3 - 3.7(9) - 3.5 (pdost)
- 3.8 - 4.2(9) - 4.0 (db)
- 4,3 - 4,7(9) - 4.5 (pdb)
- 4,8 - 5.0 - 5.0 (bdb)

The syllabus is valid from academic year 2024/25 and its content cannot be changed during the semester.

## Course credits in various terms:

### <without a specific program>

Type of credits	Number	First term	Last term
European Credit Transfer System (ECTS)	2	2020/2021-Z	