Master thesis (final project) - course description

General information

Course name	Master thesis (final project)
Course ID	06.9-WM-ZiIP-ZPU-ANG-D-25_20
Faculty	Faculty of Mechanical Engineering
Field of study	Management and Production Engineering
Education profile	academic
Level of studies	Second-cycle studies leading to MSc degree
Beginning semester	winter term 2023/2024

Course information

Semester	3
ECTS credits to win	20
Course type	obligatory
Teaching language	english
Author of syllabus	• prof. dr hab. Taras Nahirnyy

Classes forms

The class form	Hours per semester (full-time)	Hours per week (full-time)	Hours per semester (part-time)	Hours per week (part-time)	Form of assignment
Project	0	0	-	-	Credit

Aim of the course

Preparation of Master Thesis

Prerequisites

Completed courses in semester I and II

Scope

Within the course, student prepares a diploma paper on a selected topic using the previously acquired knowledge and skills

Teaching methods

Student's own work, participation in a seminar

Learning outcomes and methods of theirs verification

Outcome description	Outcome symbols	Methods of verification	The class form
The student is able to propose solutions aimed at improving and/or modifying existing technical processes, by selecting and using the correct methods, techniques and tools.	• K_U29	• a written assignment	• Project
The student understands the need for life-long learning	• K_K01	• a discussion	• Project
The student is able to use the research methods (analytical, simulation and experimental) to solve problems in the field of production engineering.	• K_U13	• a written assignment	• Project
The student is able to obtain information from literature, databases and other sources and is able to integrate, interpret and critically evaluate it, as well as draw conclusions, therefrom, both formulating it and sufficiently justify opinions on it.	• K_U01	• a written assignment	• Project
The student is able to plan experiments in mechanical engineering and is able to work out the results of an experiment, draw conclusions, formulating opinions in the process and sufficiently justifying them.	• K_U02	• a written assignment	• Project

Assignment conditions

Evaluation of the diploma thesis.

Recommended reading

Compliant with the topic of the diploma thesis

Further reading

1. Yvonne N. Bui, How to Write a Master's Thesis, SAGE 2009.

Notes

Modified by dr inż. Tomasz Belica (last modification: 12-04-2023 23:05)