

Óbuda University Bánki Donát Faculty of Mechanical and Safety Engineering		Institute of Mechanical Engineering and Technology Department of Materials Technology	
Lecture name and Neptun code: Project work BAPFFE1MNF Credits: 4			
Course type: Full-time			
Period: 2024/25 1st semester			
Master course: Mechanical Engineering			
Lecturer :	-		Practice: Márton Schramkó
Number of sessions/week/term: Weekly	Lecture: 0		Practise:4
Exam/ course assignment: Midterm mark		Language: English	
Course objective			
Goal of the course: the students perform the technical task in group work by getting to know the standards and deepening welding knowledge. During the implementation of the project, a schedule is prepared (gant diagram). The finished task is documented and then presented by the groups in the form of a presentation.			
Thematics: The purpose of the project work is to develop the student's independent and group task-solving and design skills. The tasks are solved in groups of 3-5 people under the guidance of the instructor. The goal is to get to know a complex task, explore it, examine its solution options and solve it. At the end of the semester, the individual groups present their results at the final presentation.			

Weeks	Practices
1	Introduction of the semester program
2	Consultation, Gant diagram
3	Consultation
4	Consultation
5	Consultation, Checking of the project state
6	Consultation
7	Consultation
8	Consultation, Checking of the project state
9	Consultation
10	Consultation
11	Preparing the presentation of the project
12	Checking of the project state
13	Presentation of the project
14	Evaluation of projects

Course assessments: Participation in the practices is required. Project evaluation happens by scoring. The tasks are practical. The midterm mark is determined from the project result. Midterm mark=Project mark. Deadline of the project presentation is the 13th week.
Intervals of the grade:

under 50%: 1 (unsatisfying)
50-62,5 %: 2 (pass mark)
62,5-75 %: 3 (satisfactory mark)
75-87,5 % 4 (class)
87,5-100% 5 (Excellence)

In the case of an unsatisfying midterm mark, you can take a midterm grade replacement exam.

The method of the supplement: You can take a midterm mark replacement exam only once, in the first 10 days of the exam period, with the examination fee payment. This is a writing exam with the whole curriculum of the subject.

Compulsory and suggested literature

-Garold D. Oberlender, Project Management For Engineering And Construction Second Edition 2000. ISBN 0-07-039360-5.

- <https://www.float.com/resources/project-planning-process>

- <https://www.manage.gov.in/studymaterial/PM.pdf>

Reference materials are available in the Moodle system

Quality assurance methods of the subject:

The standard of theoretical and practical education is annually overviewed at an institution's conference based on the feedback of the teachers and students. They assess the success of the subject and make suggestions for necessary changes in order to maintain the interaction between theory and practical training.

Budapest, 2024.06.01.

Márton Schramkó
Subject Leader
Lecturer