



SUBJECT DATASHEET

I. SUBJECT DESCRIPTION

1. GENERAL DATA

1.1. Subject name (in Hungarian, in English)

Summer Internship • Summer Internship

1.2. Neptun code

BMEGEGTBKSZ

1.3. Type

study unit without contact hours (criteria unit)

1.4. Course types and number of hours (weekly / semester)

course type	number of hours (weekly)	nature (connected / stand-alone)
lecture (theory)	-	-
exercise	-	-
laboratory exercise	-	-

1.5. Type of assessments (quality evaluation)

signature

1.6. ECTS

0

1.7. Subject coordinator

name: Farkas Balázs Zsolt
post: teaching assistant
contact: farkas.balazs.zsolt@gpk.bme.hu

1.8. Host organization

Department of Manufacturing Science and Engineering (<https://manuf.bme.hu/>)

1.9. Course homepage

https://manuf.bme.hu/?page_id=2329

1.10. Course language

hungarian, english

1.11. Primary curriculum type

mandatory criteria

1.12. Direct prerequisites

Strong prerequisite:	-
Weak prerequisite:	-
Parallel prerequisite:	-
Milestone prerequisite:	-
Excluding condition:	-

(the subject cannot be taken if you have previously completed any of the following subjects or groups of subjects)

2. AIMS AND ACHIEVEMENTS

2.1. Aim

The aim of the course is for the student to gain professional experience in a company that is active in the field corresponding to their training. The current topic is selected by the operations consultant, which must be worked out in sufficient detail by the student. The student gets an insight into the operational and work processes of companies operating in the given field, can get professional advice from the engineers already working there, and can establish his / her practical knowledge.

2.2. Learning outcomes

Competences that can be acquired by completing the course:

A. Knowledge

- Systematizes the knowledge acquired during the internship in the relevant field of your training.
- He / she was informed about the details of the relevant field of his / her training during the internship.
- He has the minimum expected professional experience after the internship.
- Gather into a report the most important new knowledge learned during your practice.
- He sees the connections between his previous studies and the new knowledge gained during his internship.
- It interprets the experience gained during the internship.
- It systematizes your existing knowledge and new knowledge gained through practice.
- Understands the practical aspects of the area learned during the practice.
- He has knowledge and experience beyond his university studies in the field relevant to his training.
- He / she is familiar with the main professional challenges of the field learned during the internship.

B. Ability

- Apply the knowledge acquired in the field corresponding to your training during the internship.
- Able to capitalize on the knowledge gained during his / her later work, during the internship.
- Use your professional experience later in your career.
- Together, they apply the knowledge they have previously acquired and the new knowledge they have acquired during their internship.
- Describes the experience gained during the internship.
- Outline the new knowledge gained during the internship in the light of the existing ones.
- Use the new knowledge gained during the internship together with the existing ones.
- Is able to distinguish between theoretical and practical aspects of the field learned during the practice.
- Apply your experience in the internship during the internship.
- It solves the main professional challenges of the field learned during the internship.

C. Attitude

- He constantly monitors his work, results and conclusions with the help of his supervisor and consultant.
- It continuously expands your knowledge of the chosen field corresponding to your training.
- He is open to using information technology tools and acquiring new skills when needed.

- It strives to learn about the system of tools needed for technical problem solving, its error-free and routine use.
- It develops your ability to provide accurate and error-free problem solving, engineering precision and accuracy.

D. Independence and responsibility

- Collaborates with your supervisor and consultant, as well as your fellow students as needed, to expand your knowledge.
- Accept substantiated professional and other critical remarks while completing the internship.
- He / she constantly cooperates with his / her supervisor, consultant and, if necessary, fellow students during his / her internship.
- With his knowledge, based on his analyzes, he makes a responsible, well-founded and independent decision and performs independent work.
- He feels responsible for the problems that fit his training.

2.3. Teaching methodology

The subject is completed by the student at an external company, and his / her work is supervised by an external consultant appointed by the company. During the consultations and independent work, the student solves the assigned tasks based on the knowledge acquired during the completed subjects. An additional task of the consultant is to monitor the student's work. The work done during the semester must be documented. At the end of the internship, the supervisor evaluates the student's work in writing in proportion to the time spent by the student and the quality of the work.

2.4. Support materials

a) Textbooks

-

b) Lecture notes

-

c) Online materials

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2.5. Validity of the course description

Start of validity:	2021. October 18.
End of validity:	2026. July 15.

II. SUBJECT REQUIREMENT

3. ACHIEVEMENT CONTROL AND EVALUATION

3.1 General rules

Completion of the subject requires the fulfillment of three administrative obligations: 1., Completion of the application form on the website of the department. 2., Prepare a report on the work done and submit it electronically. 3., electronic submission of the certificate issued by the representative of the place of practice. The condition for signing the subject is the completion of the above three administrative tasks.

3.2 Assessment methods

A. Detailed description of mid-term assessments

B. Detailed description of assessments performed during the examination period (if relevant)

Elements of the exam:

1. written partial exam

-

2. oral partial exam

-

3. practical partial exam

-

4. inclusion of mid-term results

-

3.3 The weight of mid-term assessments in signing or in final grading

identifier	weight
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3.4 The weight of partial exams in grade (if relevant)

type	weight
written partial exam	0 %
oral partial exam	0 %
practical partial exam	0 %
inclusion of mid-term results	0 %

3.5 Determination of the grade

grade • [ECTS]	the grade expressed in percents
very good(5) • Excellent [A]	above 90%
very good(5) • Very Good [B]	85% .. 90%
good(4) • Good [C]	70% .. 85%
satisfactory(3) • Satisfactory [D]	55% .. 70%
sufficient(2) • Pass [E]	40% .. 55%
insufficient(1) • Fail [F]	below 40%

The lower limit specified for each grade already belongs to that grade.

3.6 Attendance and participation requirements

3.7 Special rules for improving, retaken and replacement

The special rules for improving, retaken and replacement shall be interpreted and applied in conjunction with the general rules of the CoS (TVSZ).

Taking into account the previous result in case of improvement, retaken-improvement:

new result overrides previous result

3.8 Study work required to complete the course

Activity	hours / semester
summary	0

3.9. Validity of subject requirements

Start of validity: 2021. October 18.

End of validity: 2026. July 15.

4. ADDITIONAL INFORMATION

4.1 Primary course

The primary (main) course of the subject in which it is advertised and to which the competencies are related:

Mechanical engineering

4.2 Link to the purpose and (special) compensations of the Regulation KKK

This course aims to improve the following competencies defined in the Regulation KKK>

a) knowledge

- Student is familiar with the general and specific mathematical, scientific and social principles, rules, contexts and procedures needed to operate in the field of engineering.

b) ability

- Student has the ability to apply the general and specific mathematical, scientific and social principles, rules, relationships and procedures acquired in solving problems in the field of engineering.

c) attitude

- Student is open and receptive to learning, embracing and authentically communicating professional, technological development and innovation in engineering.

d) independence and responsibility

- Student shares her acquired knowledge and experience through formal, non-formal and informal information transfer with those in her field.

4.3 Prerequisites for completing the course

Knowledge type competencies

(a set of prior knowledge, the existence of which is not obligatory, but greatly facilitates the successful completion of the subject) | -

Ability type competencies

(a set of prior abilities and skills, the existence of which is not obligatory, but greatly contributes to the successful completion of the subject) -