

Course description

Course abbreviation:	KMM/ZSZ	Page:	1 / 3
Course name:	Discussion on the given field of study		
Academic Year:	2023/2024	Printed:	04.07.2025 04:46

Department/Unit /	KMM / ZSZ			Academic Year	2023/2024
Title	Discussion on the given field of study			Type of completion	State Final Exam
Accredited/Credits	Yes, 0 Cred.			Type of completion	
Number of hours					
Occ/max	Status A	Status B	Status C	Course credit prior to	No
Summer semester	18 / -	0 / -	1 / -	Counted into average	YES
Winter semester	0 / -	0 / -	0 / -	Min. (B+C) students	10
Timetable	Yes			Repeated registration	NO
Language of instruction	Czech			Semester taught	Summer semester
Optional course	Yes			Internship duration	0
Evaluation scale	1 2 3 4				
No. of hours of on-premise					
Auto acc. of credit	Yes in the case of a previous evaluation 4 nebo nic.				
Periodicity	every year				
Specification periodicity					
Substituted course	KMM/ZSZ1				
Preclusive courses	N/A				
Prerequisite courses	N/A				
Informally recommended courses	N/A				
Courses depending on this Course	N/A				

Course objectives:

The examination is open to public and takes place orally in front of state testing body. After the own bachelor thesis defence, immediately general discussion occurs, where the student must prove to be able to solve basic technical problems in mechanical engineering area, which are focused on the individual branch of studies and the topic of the thesis.

Requirements on student

Gain of minimum 120 credits. Elaboration of bachelor thesis in time.

Content

Basic topics of mechanical engineering area.

Fields of study

Guarantors and lecturers

- **Guarantors:** prof. Ing. Ludmila Kučerová, Ph.D. (100%)
- **Tutorial lecturer:** prof. Ing. Ludmila Kučerová, Ph.D. (100%)
- **Seminar lecturer:** prof. Ing. Ludmila Kučerová, Ph.D. (100%)

Literature

- **Recommended:** *doporučí přednášející dle tématu práce..*

Time requirements**All forms of study**

Activities	Time requirements for activity [h]
Preparation for an examination (30-60)	40
Total:	40

assessment methods**Knowledge - knowledge achieved by taking this course are verified by the following means:**

Oral exam

Skills - skills achieved by taking this course are verified by the following means:

Oral exam

Competences - competence achieved by taking this course are verified by the following means:

Defense of thesis

prerequisite**Knowledge - students are expected to possess the following knowledge before the course commences to finish it successfully:**

Passing through the compulsory and compulsory selectable subjects given in the study plan. Elaboration of the diploma thesis. Describe and explain problems in the field of material engineering and engineering metallurgy and in general engineering.

Skills - students are expected to possess the following skills before the course commences to finish it successfully:

It identifies problems in the field of material engineering and engineering metallurgy and engineering in general and suggests their solutions.

Competences - students are expected to possess the following competences before the course commences to finish it successfully:

N/A

teaching methods**Knowledge - the following training methods are used to achieve the required knowledge:**

Self-study of literature

Skills - the following training methods are used to achieve the required skills:

Self-study of literature

Competences - the following training methods are used to achieve the required competences:

Students' portfolio

learning outcomes**Knowledge - knowledge resulting from the course:**

After passing through the subject, students are able:
to defend their bachelor thesis in front of the examination body
to answer properly the question during the examination
to prove sufficient knowledge in the special branch of study
to prove a good ability of technical work of their own.

Skills - skills resulting from the course:

They will independently explain and evaluate the pros and cons of solving a given problem and are able to defend their views before an expert committee.
Defends the proposed solution within the DP before an expert committee.

Competences - competences resulting from the course:

N/A

Course is included in study programmes:

Study Programme	Type of	Form of	Branch	Stage	St. plan v.	Year	Block	Status	R.year	R.
Materials Science and Manufacturing Technology	Postgraduate Master	Full-time	Materials Science and Manufacturing Technology	1	2020	2023	Compulsory courses	A	2	LS
Materials Science and Manufacturing Technology	Postgraduate Master	Combined	Materials Science and Manufacturing Technology	1	2020	2023	Compulsory courses	A	2	LS