

Course description

Course abbreviation:	KME/BPVD	Page:	1 / 3
Course name:	Thesis Tutorial		
Academic Year:	2023/2024	Printed:	01.06.2024 12:23

Department/Unit /	KME / BPVD			Academic Year	2023/2024
Title	Thesis Tutorial			Type of completion	Pre-Exam Credit
Accredited/Credits	Yes, 12 Cred.			Type of completion	
Number of hours					
Occ/max	Status A	Status B	Status C	Course credit prior to	NO
Summer semester	0 / -	0 / -	0 / -	Counted into average	NO
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	S N				
No. of hours of on-premise					
Auto acc. of credit	Yes in the case of a previous evaluation 4 nebo nic.				
Periodicity	K				
Substituted course	KME/BPM2				
Preclusive courses	N/A				
Prerequisite courses	N/A				
Informally recommended courses	KME/MATL				
Courses depending on this Course	and KME/PRJ5 and KME/MECH2 and KME/PP2 and KME/MKM KME/BZM, KME/BZPOM, KME/BZVD, KME/OBP				

Course objectives:

Necessary condition for passing the final bachelor's examination in structural mechanics is the elaboration of Bachelor Thesis. The Bachelor Thesis is assigned by the Department of Mechanics according to the Faculty of Applied Sciences rules for final state examinations.

Requirements on student

Requirement for obtaining the course credit is active participation in consultations for working out the thesis and providing the thesis to its supervisor in required by him level of elaboration.

Content

Elaboration of bachelor thesis is necessary requirement for the State examination in program Mechanics. The thesis topic is given by specific department at the end of 5th or 6th semester. The thesis supervisor guides the student in both the professional and methodology aspects and assesses the schedule. Student regularly informs his supervisor about his advances, or he informs other students at corresponding seminars. Assumed content of text is 20-40 pages.

Fields of study**Guarantors and lecturers**

- **Guarantors:** Ing. Vlastimil Vacek, CSc. (100%)

Literature

- **Recommended:** *dle zadání bakalářské práce/ according to the bachelor thesis topic.*

Time requirements**All forms of study**

Activities	Time requirements for activity [h]
E-learning (given by an e-learning course)	320
Total:	320

assessment methods

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

Bachelor's thesis assessment

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

Bachelor's thesis assessment

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

Bachelor's thesis assessment

prerequisite

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

dobrá znalost kvalitativních a kvantitativních metod v oboru Mechanika

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

dovednost psát odborný text

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

N/A

N/A

teaching methods

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

One-to-One tutorial

Self-study of literature

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

One-to-One tutorial

Task-based study method

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

One-to-One tutorial

learning outcomes

Knowledge - knowledge resulting from the course:

využívat znalosti získané v průběhu bakalářského studia
pracovat s odbornou literaturou a vybírat vhodné metody
znalost programového software MATLAB

Skills - skills resulting from the course:

obhájit svůj projekt
samostatně vybírat a řešit zadané či zvolené problémy
získávat, analyzovat a specifikovat důležité informace týkající se zkoumané problematiky
sepsat písemnou zprávu na základě zadaných bodů

Competences - competences resulting from the course:

N/A

N/A

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.
Computer Modelling in Technology	Bachelor	Full-time	Computations and Design	1	2023	2023	Státní závěrečná zkouška a obhajoba bakalářské práce	A	3	LS
Computer Modelling in Technology	Bachelor	Full-time	Computations and Design	1	2018	2023	Státní závěrečná zkouška a obhajoba bakalářské práce	A	3	LS