Course description

Department/Unit /	KMM / ZPMM	**Academic Year**	2023/2024
Title	Final Project (Certificate Programme)	**Type of completion**	Final Thesis Defense

Accredited/Credits	Yes, 2 Cred.			**Type of completion**	
Number of hours	Tutorial 2 [Hours/Week]				
Occ/max	Status A	Status B	Status C	**Course credit prior to**	NO
Summer semester	0 / -	0 / -	2 / -	**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	None				
Preclusive courses	N/A				
Prerequisite courses	N/A				
Informally recommended courses	N/A				
Courses depending on this Course	N/A				

Course objectives:

The student prepares the final project where he should implement the complex knowledge absorbed during the study course. He approves his ability to transfer the knowledge into praxis.

Requirements on student

Credits: active participation in seminars, seminar project and its successful presentation.
Exam: written test and oral.

Content

Final project where the student will prepare and defend the study from modern materials sector.

Fields of study

Guarantors and lecturers

- **Guarantors:** Doc. Ing. Petr Duchek, CSc. (100%)
- **Tutorial lecturer:** Doc. Ing. Petr Duchek, CSc. (100%)

Literature

Time requirements

All forms of study

Activities	Time requirements for activity [h]
Contact hours	26
Individual project (40)	40
Total:	**66**

assessment methods

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

Seminar work

Individual presentation at a seminar

prerequisite

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

Basic knowledge on chemistry, physics and material science.

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

Students should be able to have basic laboratory skills.

teaching methods

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

Individual study

learning outcomes

Knowledge - knowledge resulting from the course:

Student will obtain basic information on different materials types and perspectives of their development.

Course is included in study programmes:

Study Programme	Type of	Form of	Branch	Stage	St. plan v.	Year	Block	Status	R.year	R.
Certifikátové programy	Postgraduate Master	Full-time	Modern materials	1	1	2023	Povinné předměty	A		LS