



Complex Planning/ Project work

MSC IN MATERIALS ENGINEERING

(Full time training)

COURSE SHEET

**UNIVERSITY OF MISKOLC
FACULTY OF MATERIALS SCIENCE AND ENGINEERING
INSTITUTE OF PHYSICAL METALLURGY, METALFORMING AND
NANOTECHNOLOGY**

2017/18 2nd semester, Miskolc

Course sheet
Complex Planning/Project work
for MSc students in Faculty of Materials Science and Engineering

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| Course Title: Complex Project/ Project work (compulsory subject) | Credits: 4 |
| Type and Number of Contact Hours per Week: 2 hour seminar | |
| Type of Assessment: practical course mark During the semester the following tasks should be completed: <ul style="list-style-type: none"> • Signature for approval, participation at least on 70% of lessons and report on progress. Grading Limit: > 84%: excellent, 71-83%: good, 60-69%: medium, 54-70%: satisfactory, < 53%: unsatisfactory Evaluation of students' performance: 40% essay, 60% oral presentation | |
| Position in Curriculum (which semester): 4th | |
| Pre-requisites (if any): - | |
| Course Description: | |
| Acquired store of learning: <u>Study goals:</u> Aim of the course to prepare students to manage and write a successfully thesis. <u>Course content:</u> Design, implement and completion of a project with a guidance of a lecturer. The project consist of literature research, processing (and carrying out experiments). At the end of the semester, students present their results/ projects. <u>Education method:</u> Presentations using projector. Consultation. Competencies to evolve: <ul style="list-style-type: none"> • Communication skills. • Ability to work independently • Intuition, systematism, learning skill • Demand for continual renewal of technical skills. | |
| The 3-5 most important compulsory, or recommended literature (textbook, book) resources: | |
| <ul style="list-style-type: none"> • 1. ASM Handbook, Vol. 9, Metallography and Microstructures • 2. ASM Handbook, Vol. 10, Materials Characterization • 3. ASM Handbook, Vol. 21, Composites | |
| Responsible Instructor (name, position, scientific degree): Gréta Gergely, associate professor, PhD | |
| Other Faculty Member(s) Involved in Teaching, if any (name, position, scientific degree): - | |

Miskolc, 12/02/2018

Dr. Mertinger Valéria
Head of the Institute, professor

Dr. Gréta Gergely
Lecturer, associate preofessor