

## Master work

<i>Name of the subject:</i> <b>Master work</b>	<i>SUBJECT code:</i>	Weekly hours:	Credit: 8
<i>Subject leader:</i> All professors engaged at the MSc level courses	<i>Academic Degree:</i>	Prerequisites: All exams successfully passed and professional practice realized	

**Purpose:** The goal of the master work preparation and final examination is that the student should prove his/her ability to engage theoretical knowledge and adequate skills, developed through the courses, in solving some real time engineering practice challenges. This is also additional training for the student, which will increase his/her potential for practical application of gained knowledge in future business activities in the professional working environment.

**Course description:** The mentor for preparation and examination of the master thesis is to be selected by the student, among the professors engaged at the MSc courses, and based on his/her research field and teaching scope. After accepting to become a mentor, professor will have to provide consultative supervision of the students independent work on solving the research problem and preparation of the final text of the master thesis. After finishing the text of the thesis, and approval by the mentor, student will have to present and defend his/her master thesis in front of the examiners commission, consisted of at list three professors.

The subject of the master thesis is to be defined for each student individually, as the unique research task, from the following fields of engineering management: general management, logistics, e-business, technological predictions, strategic management of new technologies, production systems and project management.

After conducted research, student is preparing the master thesis in the format concluded with following chapters: introduction, theoretical part, experimental part, results and discussions, conclusions, literature. After finishing the work on the text of the master thesis, and receiving positive opinion of the mentor, student is submitting three copies to the students office of technical faculty in Bor. After that, public presentation and examination, in front of the three member commission, can be arranged.

### Schedule

Weeks	Topics
1.	
2.	Consultations with selected mentor and defining the research scope.
3.	Defining the research subject. Collecting theoretical data and data
4.	analysis. Collecting the data for the practical research work, data and the
5.	data analysis in consultations with research target groups, experts from the
6.	companies, experimental measurements, etc. Analysis of obtained research
7.	results and preparing the discussions. Upon completion of the research
8.	work, student prepares the text of the master thesis and submits it to
9.	mentor. Improving and modifying the final text of the thesis, based on
10.	mentors' suggestions.
11.	
12.	
13.	
14.	

**Final grade:** Number of points and mark: 51-60 (Mark 6), 61-70 (Mark 7), 71-80 (Mark 8), 81-90 (Mark 9) and 91-100 (Mark 10)

**Compulsory literature:**

**Supplemental literature:**