

Study program / course: <b>Mechanical Engineering</b>				
Type and level of study: <b>Master academic studies</b>				
Course: <b>Technical practice 2</b>				
Lecturers: <b>Radivoje B. Pešić, Aleksandra Janković, Dobrivoje Čatić, Lozica Ivanović, Bogdan P. Nedić, Milan Erić, Dobrica Milovanović, Nebojša Lukić, Slobodan Savić</b>				
Status of course: <b>Obligatory for all modules, III semester</b>				
Number of ECTS: <b>1</b>				
Precondition: <b>Student should enroll to the 3<sup>rd</sup> semester of master academic studies</b>				
<b>The objective of course</b>				
<ul style="list-style-type: none"> <li>- Acquiring practical experience during the stay of students in companies or other working ambients, where students expect realization of their professional career.</li> <li>- Recognition of basic functions of business, production and technological systems in the area of design, development, production and testing, as well as the role and the tasks of the master in mechanical engineer in such business system.</li> </ul>				
<b>The outcome of course</b>				
<ul style="list-style-type: none"> <li>- Acquiring practical experience in ways of organization and functioning of environments in which the student expects the application of the gained knowledge in his future professional career.</li> <li>- Mastering the ways of communication with colleagues and getting to know the business information flow.</li> <li>- Recognition of basic processes in development and design of products and technologies, production, testing and maintenance, according to expectations of future professional competence.</li> <li>- Making personal connections and acquaintances that may be used during training and during establishing the future labor relation.</li> </ul>				
<b>Syllabus</b>				
<b>Theoretical study</b>				
The syllabus is realized through practical, independent work of the student.				
<b>Practical classes</b>				
Practical work means staying and working in companies, institutes and organizations in which, different activities connected to mechanical engineering are done. Selection of subject area and the company or some other organization is conducted during consultations with the course professor. Student may conduct his practical work in: production companies, design and consulting organizations, research organizations, organizations dealing with diagnostics and maintenance of the vehicles or machine equipment, organizations dealing with process equipment, organizations dealing with testing of vehicles and machine equipment, public and municipal companies and in some laboratory of the Faculty of Mechanical Engineering. Practice may be conducted abroad. During practical work, the students must make a journal in which they will enlist the job descriptions, conclusions and observations. After the practical work is conducted, the students make a report in the form of the seminar paper on given subject and defend it in front of the course professor.				
<b>Recommended reading</b>				
- According to the agreement with the course professor.				
The number of hours of active teaching:				Other classes:
Theory:	Practical classes:	Other forms of teaching:	Research study:	
<b>Methods of teaching</b>				
<b>Evaluation of knowledge</b>				
<b>Pre-final exam obligations</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>	
Activities during the classes:	<b>70</b>			
Practical classes:				
Colloquiums(s) :				
Seminar(s) :	<b>30</b>			