

<b>Study program: Industrial Engineering</b>			
<b>Course title: Manufacturing Technologies 1</b>			
<b>Professor/assistant: PhD Petar S. Đekić</b>			
<b>Type of course:</b> compulsory			
<b>ECTS credits: 5</b>			
<b>Pre-requisites:</b>			
<b>Aims of the course:</b> Acquisition of basic knowledge in the field of: machining and cutting technologies, differentiation of basic elements of particular production technologies, mastering the procedures for correct selection of technological parameters, analysis of modern processing systems, machines and devices.			
<b>Learning outcomes:</b> The student is able to: define the individual processing procedures and the corresponding technological parameters; define the basic parameters of the process for simpler practical examples; master the basic principles of functioning of simple tools, machines and devices, implement acquired knowledge in the framework of individual seminar work			
<b>Syllabus</b>			
<i>Theoretical part</i> Machining processes: grinding, drilling, milling, spinning, and surface treatment.			
<i>Practical part :</i> Implementation of knowledge through seminar papers and checks through tests.			
<b>Literature</b>			
1. M.Radovanović, Tehnologija mašinogradnje, MF-Niš, 2002.			
2. M.Kalajdžić, Tehnologija obrade rezanjem-priručnik, MF-Bgd, 1998.			
3. Katalozi proizvođača mašina alatki, pribora i alata.			
<b>Number of active classes</b>			Other forms of teaching:
Lectures: 2	Practical classes: 2	Research work:	
<b>Teaching methods</b>			
<b>Grading system</b> (maximum 100 points), <b>grading scale</b> from 5 to 10: below 51 points grade 5, grade 6 from 51-60 points, grade 7 from 61-70 points, grade 8 from 71-80 points, grade 9 from 81-90 points, grade 10 from 91-100 points.			
<b>Pre-exam obligations</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
activity during theoretical lectures	5	written exam	30
practical training	5	oral exam	
colloquium(s)/seminar papers	40+20		
<b>Sum</b>	<b>70</b>	<b>Sum</b>	<b>30</b>