

<b>ÓBUDA UNIVERSITY,</b> <b>Donát Bánki Faculty of Mechanical and Safety Engineering</b>		Institute of Material Science and Technology Department of Manufacturing Technology	
<b>Course title and code:</b> <i>Mechanical engineering practice I., BGGGME2BNE, BAGGM1ENND</i>			<b>Credits: 0</b>
Full-time, 2021/2022 academic year 2. Semester			
Faculties in which the subject is taught: Mechanical Engineering, Safety Engineering, Mechatronics Engineering			
Lecturer instructor	Szabolcs Major	Instructor	Richárd Horváth PhD
Prerequisites conditions (code)		-	
<b>Hours per week:</b>	<b>Lecture: -</b>	<b>Practise: 1</b>	<b>Laboratory: -</b> <b>Consultation: -</b>
Semester closing way: (required)	Signature		
<b>Curriculum</b>			
The objective of the course: To present the basic effects of cutting, parts and operation of lathe, cutting proceedings.			
<b>Schedule</b>			
<b>Educational weeks</b>	<b>Lecture</b>	<b>Exercise</b>	
week 1		Labour safety, introducing the cutting technology	
week 2		Basics of lathe machine	
week 3		Lathe tools and using	
week 4		Accessories of lathe machine.	
week 5		Lathe machine using, basic principles	
week 6		Lathe work practice I. – touch of work-piece surface, carriage motion	
week 7		Lathe work practice II. – turning, face turning, chamfering	
week 8		Lathe work practice III. – drilling, boring	
week 9		Lathe work practice VI. – thread turning	
week 10		Education vacation	
week 11		Lathe work practice VI. – special surface-planning (nurl, hatching)	
week 12		Free practice	
week 13		Free practice	
week 14		Free practice, Substitution of omission	
Conditions of getting practice mark: according to TVSZ			
Calculation practice mark: none, get signature with the corresponding number of participation			
<b>Bibliography:</b>			
Course book: Ambrusné dr. Alady Márta, Galla Jánosné, dr. Sipos Sándor: A Gépgyártástechnológia alapjai I. (lecture notes) Contents of Moodle course			

Budapest, 14 February 2022

Lecturer instructor