

Óbuda University Bánki Donát Mechanical and Safety Engineering Faculty		Institute of Material Science and Technology Department of Manufacturing Technology	
Course title and code: <i>Mechanical engineering practice II</i> , BGGGME3BNE, BAGGM2ENND Credits: 0			
Full-time, 2021/2022 academic year. 1. Semester			
Faculties in which the subject is taught: Bánki Donát Mechanical and Safety Engineering Faculty			
Lecturer instructor	Szabolcs Major	Instructor	Dr. Horváth Richárd
Prerequisites conditions (code)		-	
Hours per week:	Lecture: -	Practise: 1	Laboratory: - Consultation: -
Semester closing way: (required)		Signature	
Curriculum			
The objective of the course: To present the basic effects of cutting, parts and operation of lathe, cutting proceedings.			
Schedule			
Educational weeks	Lecture	Exercise	
week 1		Orientation (basic notes of course, group assignment, exoneration) Safety instructions.	
week 2		Review-the basics of cutting. Parts of lathe machine, the main elements of the machine. Turning procedures.	
week 3		Basics of milling, parts of milling machine, handling of the machine	
week 4		Type of milling cutter, milling technology exposition	
week 5		Drilling machine's structure, movement, radial drilling machine demonstration	
week 6		Drilling technologies	
week 7		Cutting practice I. – Face milling	
week 8		Cutting practice II. – Corner milling	
week 9		Education Vacation	
week 10		Cutting practice III. –Pocket milling	
week 11		Cutting practice IV. – Groove milling	
week 12		Cutting practice V. – Drilling and pattern	
week 13		Free practice	
week 14		Free practice	
Conditions of getting practice mark: <i>according to TVSZ</i> Calculation practice mark: -			
Bibliography:			
Course book: Ambrusné dr. Alady Márta, Galla Jánosné, dr. Sipos Sándor: A Gépgyártástechnológia alapjai I. (lecture notes) Contents of Moodle course			

Budapest, 13 September 2021

Lecturer instructor