

Óbuda University		Institute of Material Science and Technology	
Donát Bánki Faculty of Mechanical and Safety Engineering		Department of Manufacturing Technology	
Course title and code: <i>Mechanical engineering practice I</i> , BGGGME2BNE, BAGGM1ENND			
Credits: 0			
Full-time, 2022/2023 academic year. 1. Semester			
Faculties in which the subject is taught: mechanical engineering BSc			
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 milling, cutting proceedings.			
Schedule			
Educational weeks	Lecture	Exercise	
week 1		Orientation (basic notes of course, group assignment, exoneration) Safety instructions.	
week 2		Basics of milling, parts of milling machine, handling of the machine	
week 3		Drilling machine's structure, movement, radial drilling machine demonstration	
week 4		Drilling technologies	
week 5		Cutting practice I. – Face milling	
week 6		Cutting practice II. – Corner milling	
week 7		Cutting practice III. –Pocket milling	
week 8		Cutting practice IV. – Groove milling	
week 9		Cutting practice V. – Drilling and pattern	
week 10		Cutting practice VI.- Slotting	
week 11		Free practice	
week 12		Free practice	
week 13		Free practice	
week 14		Substitution of omissions	
Conditions of getting practice mark: <i>according to TVSZ.</i>			
Calculation practice mark: none, get signature with the corresponding number of participations			
Bibliography:			
Course book:			
Ambrusné dr. Alady Márta, Galla Jánosné, dr. Sipos Sándor: A Gépgyártástechnológia alapjai I. (lecture notes)			
Contents of Moodle course			

Budapest, 24 February 2023

Lecturer instructor