

Obuda University Bánki Donát Faculty of Mechanical and Safety Engineering				Institute of Mechanical Engineering and Technology			
Course title and code:		Mechanical engineering practice II, BGGYME3BNF, BGGGME3BNE, BAGGM2ENND				Credits: 0	
full time	training	2026/27		academic year I.		semester	
Faculties in which the subject is taught:				Mechatronics Engineering BSc			
Lecturer instructor:		Szabolcs Major		Instructor(s): Szabolcs Major			
Prerequisites conditions (code):				BGGYME2BNF, BGGGME2BNE, BAGGM1ENND			
Hours per week							
Lecture:	-	Practice:	2	Laboratory:	-	Consultation:	-
Semester closing way: (required):				signature (Válasszon)			
Online consultation (optional):			BBB link:				
Curriculum: The objective of the course: To present the basic effects of milling cutting, parts and operation of milling, cutting proceedings. Projectwork through open die manufacturing.							
Schedule							
Educational weeks		Topics					
1.		Orientation (basic notes of course, group assignment, exoneration) Safety instructions					
2.		Review the previously topics, using of machines					
3.		Basics of milling, parts of milling machine, handling of the machine					
4.		Basics of milling tools, using measuring system					
5.		Projectwork I. – Face milling					
6.		Projectwork II. – Corner milling					
7.		Projectwork III. –Pocket milling					
8.		Projectwork IV. – Groove milling					
9.		Projectwork V. – Drilling and pattern					
10.		Projectwork VI. – Reaming and pattern					
11.		Projectwork VII. – Vise manufacturing					
12.		Education vacation					
13.		Free practice					
14.		Substitution of omissions					
Requirements in a term							
Test		Task		Laboratory measurement			
Number	Date	Number	Deadline	Number	Date		
-	-	-	-	-	-		
Condition of evaluate and replacement							
Participation in the courses is governed by TVSZ 46.§ (1)-(4).							
Replacement during the term time is regulated in TVSZ 47.§ (7)-(9).							
The procedure for getting midterm mark/signatures after the end of the educational term is provided down in the Academic Regulations, Book Three, Part One, Chapter II, Section 3:8.							
Other requirements for participation in courses not covered by the regulations and restrictions on replacements:							
After 10minutes arriving getting “Lateness” status in Neptun.							
Test		Task		Laboratory measurement			
maximum overall score	minimum score for completion/test	maximum overall score	minimum score for completion/task	maximum overall score	minimum score for completion/measurement		
-	-	-	-	-	-		

Maximum overall score in a term:				
Scoring limits	pass válasszon	satisfactory válasszon	good válasszon	excellent válasszon
	-	-	-	-
Other evaluation criteria:				
No signature: Number of “Do not attending” status is more than in the Study Code of University (TVSZ)				
Requirements in case of exam				
System of exams and reports: Type of exam: <input type="checkbox"/> oral <input type="checkbox"/> written <input type="checkbox"/> oral and written <input type="checkbox"/> other:				
Condition of offered mark and pre-exam:				
Mandatory course book: Metal Cutting Theory and Practice by David A. Stephenson , John S. Agapiou				
Recommended course book: Youtube channel of “Gépműhely csatonra”				
Quality method of this subject: In all matters not covered by this document, the provisions of the Study and Examination Regulations and the Study Regulations of Óbuda University shall apply.				
Date: Budapest, 2026. 06. 02.				
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Students			lecturer istructor	