

Óbuda University Donát Bánki Faculty of Mechanical and Safety Engineering		Faculty / area of education: Institute of Material Sciences and Technology Department of Manufacturing Technology		
Subject name and code: Workshop practice II. BAGGM2ENND, BAGGM23NEC, BGGGME3BNE				
Credit:0				
Track: Full Time Training Session: 2018/2019 Semester: 1				
Szakok melyeken a tárgyat oktatják: NM (BSc)				
Responsible for course:	István Burai Technical Instructor	Instructors:	1 - István Burai 2 -	
Preliminary requirement: (with code)	Workshop practice I. BAGGMIENND, BAGGGIANND			
Weekly hours:	Theoretical: -	Practical: 2	Labour: -	Consultation: -
Requirement type:	Signature			
Curriculum				
Target of course: To present the basic effects of cutting, parts and operation of lathe, cutting proceedings. During the semester we are getting know milling, grinding, slotting, drilling, shaping, planing. We are going to learn the construction, operation, tools and technologies of machine tools, and gain experience in using them with simple workpiece surface making.				
Timing				
Week	Topic			
1	Orientation (basic notes of course, group assignment, exoneration) Safety instructions.			
2	Parts of milling machine and operation			
3	Type of milling cutter, milling technology exposition			
4	Type of grinding machine, parts and marking of grinding wheels			
5	Technology of surface and cylindrical grinding			
6	Drilling machine's structure, movement, radial drilling machine demonstration			
7	Drilling technologies			
8	Parts of planer machine, shaper's operation			
9	Parts and operation of slotting machine, slotting tools			
10	Cutting practice I. – touch of work-piece surface, carriage motion			
11	Cutting practice II. Educational vacation			
12	Cutting practice III.			
13	Cutting practice VI.			
14	Cutting practice V.			
Supplement type: according to TVSZ				
Fulfilment of Requirement:				
Signiture: participation on practice				
Literature:				
Ambrusné dr. Alady Márta, Galla Jánosné, dr. Sipos Sándor: A Gépgyártástechnológia alapjai I. (lecture notes)				