

Ministry of Education

UNIVERSITY OF PETROSANI



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Erasmus+ Office

Course Syllabus

Academic year: 2018-2019

Institution	University of Petroşani
Faculty	Mechanical and Electrical Engineering
Field of study	Industrial engineering
Level	Bachelor
Program of study	Machine Building Technology

Course	Basics of Computer Assisted Tech. Design
Code	2BB7OD51
Year of study (semester)	IV (VII)
Number of hours	56
Number of credits	5
Professor	Lecturer eng,Ph.D. COZMA Bogdan-Zeno

No.	Topic
1.	Manufacturing. Historic.
2.	Numerically controlled machines. General notions.
3.	Materials for parts and tools. Defining parent groups.
4.	Turning
5.	Milling of flat surfaces
6.	Milling of contoured surfaces
7.	Multi-axis milling
8.	Programming of CNC. Fixed cycles.