

Ministry of Education

UNIVERSITY OF PETROSANI



20 Universitatii Street, Petrosani, County of Hunedoara, Romania e-mail: erasmusplus@upet.ro | erasmus.upet@gmail.com tel: +40 (254) 54 90 09 | www.upet.ro



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	Unconventional Technologies
Code	2BB8OD60
Year of study (semester)	IV (VIII)
Number of hours	42
Number of credits	3
Professor	Lecturer eng,Ph.D. URDEA Gheorghe-Bogdan

No.	Topic
1.	Fields of use of unconventional technologies
2.	Electro-erosion processing
3.	Electrochemical erosion treatment
4.	Machining by chemical corrosion
5.	Plasma erosion processing
6.	Radiation erosion processing
7.	Laser erosion processing
8.	Abrasion erosion processing
9.	Ultrasound processing