

Course Syllabus

Academic year: 2018-2019

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

Course	Finite elements analysis
Code	2BB5OD37
Year of study (semester)	III (V)
Number of hours	56
Number of credits	5
Professor	Lecturer eng,Ph.D. COZMA Bogdan-Zeno

No.	Topic
1.	Introduction to the finite element method.
2.	Static analysis of one-dimensional elements
3.	Two-dimensional 2-D problems.
4.	Modeling with MEF and resolution techniques
5.	Plate-type elements.