

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	Applied Informatics II
Code	2BB2OF08
Year of study (semester)	I (II)
Number of hours	56
Number of credits	5
Professor	Professor eng.,Ph.D. POPESCU Florin-Dumitru

No.	Topic
1.	Language C; Identifiers; Keywords; Type Specifiers; Type Modifiers; Symbolic Constants; Operators.
2.	Relational tests, strings of characters.
3.	Creating macroinstructions; Using variables within functions; Returning a value from a function; Call by value; Reference call.
4.	Language instructions C: instructions: if, while, for, do-while, break, switch
5.	Matrix: declaration, initialization, access to elements, transmission to a function of a matrix.
6.	Arithmetic of pointers, data structures.
7.	Standard input - output routines.
8.	Video Functions.