

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	Tolerance and dimension control
Code	2BB4OD28
Year of study (semester)	II (IV)
Number of hours	56
Number of credits	4
Professor	Assoc. Prof., Ph.D. JULA Dumitru

No.	Topic
1.	Processing errors.
2.	The notion of interchangeability.
3.	Precision of processed surfaces.
4.	Influența comună a diferiților factori de precizie.
5.	Research on statistical basis of precision of mechanical processing.
6.	Smooth conical assemblies.
7.	Tolerances and adjustments of threaded parts and assemblies.
8.	Bearing tolerances and bearing assembly adjustments.
9.	Tolerances and adjustments of feather assemblies and grooved assemblies.



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10.	Tolerances and adjustments of gears and gears.
11.	Chains of size.