

## 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	<b>Technical Drawing</b>
Code	2BB2OF13
Year of study (semester)	I (II)
Number of hours	56
Number of credits	4
Professor	Assoc. Prof., Ph.D. DUMITRESCU Iosif

No.	Topic
1.	General standards used in the technical drawing: lines, formats, writing, stairs, pointer and table of composition, folding of drawings.
2.	Graphical works related to the representations used in the technical drawing: representation in orthogonal projection - layout of projections, representation in axonometric projection.
3.	Graphic work on the representation of views, sections and ruptures.
4.	Graphical execution rules for drawing quotations: dimension elements, quota classification, quoting methods, quoting axonometric representations.
5.	Norms for executing the quoted sketch and the scale drawing of a piece.
6.	Representation and quote of demountable assemblies.
7.	Typical typical representations: Representation of transmission shafts, axles and gears.

8.	Making mechanical couplings and bearings
9.	AutoCAD-prezentare generală :lansarea în execuție a programului,ecranul grafic,controlul mediului de desenare,folosirea comenzilor AutoCAD,variabile de sistem.
10.	Organizing a work session in AutoCAD, working with AutoCAD, drawing 2D drawings in AutoCAD.
11.	Three-dimensional representations in AutoCAD.