

Title (Engineering Graphics)	Code 1010701121010720069
Field Chemical and Process Engineering	Year / Semester 1 / 2
Specialty -	Course core
Hours Lectures: - Classes: - Laboratory: - Projects / seminars: 3	Number of credits 3
	Language polish

Lecturer:

Lubomira Broniarz-Press, D.E., D.Sc., Prof.; Jerzy Borowski, D.E.; Piotr Agaciński, D.E.

Faculty:

Faculty of Chemical Technology
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Status of the course in the study program:

obligatory

Assumptions and objectives of the course:

The student should to get a knowledge of the language of the designer, technician and engineer used to communicate designs and construction details one to others. The fundamentals of engineering drawing and dimensioning are connected with the both reading of diagrammatic drawing as well as preparing of technological draft of various scales.

Contents of the course (course description):

The subject includes the graphic language in theory and praxis: writing and reading, lines and lettering, methods of shape and size description, charts and graphs, fundamentals of design, basic machine elements, piping, drawing for engineering design and construction with special attention to chemical engineering equipment. An acquaintance with contemporary computer technology for engineering drawing using of the AutoCAD and GRAF2000 softwares.

Introductory courses and the required pre-knowledge:

Competence in the both, reading and drawing, fundamentals of computer drawing program utilization.

Courses form and teaching methods:

Introduction lectures + projects

Form and terms of complete the course - requirements and assessment methods:

Permanent control during the courses, preparation of the 10 individual engineering drawings (isometric, diagrammatic, drawing to scale, dimensional, working, collective and assembly) with computer techniques used

Basic Bibliography:

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Additional Bibliography:

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