

Title Technical drawing	Code 1010101111010110013
Field Civil Engineering First-cycle Studies	Year / Semester 1 / 1
Specialty -	Course core
Hours Lectures: - Classes: - Laboratory: - Projects / seminars: 2	Number of credits 2
	Language polish

Lecturer:

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Status of the course in the study program:

Basic course.

Assumptions and objectives of the course:

Understanding and familiarity with the norms of technical drawing. The ability to use lettering on architectural and building drawings, the types of lines, graphical symbols of building materials, graphical designations for building components and principles of dimensioning. The ability to make the basic architectural and building drawings and to read the information available in architectural drawings.

Contents of the course (course description):

Drawing instruments and materials. Drawing sheets - sizes. The principles of creating of drawing sheets. Spaces for drawing and for text and the title blocks on drawing sheets. Scales. The types of lines on construction drawings and their designation and dimensions. Applying particular kinds of lines to construction drawings. Lettering. Graphical symbols of building materials and principles of application. Graphical designations on architectural and building drawing. The principles dimensioning on architectural and building drawings. Drawing sheets: practicing some drawing, projections.

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Introductory courses and the required pre-knowledge:

Fundamentals of geometry

Courses form and teaching methods:

The presentation of the principles of construction drawings based on the norms in force; making the drawings

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

Student evaluation based on quizzes and ability to make drawing sheets. Quiz: drawing sheet - sizes, spaces for drawing and for text. Title blocks.Scales.The type of lines on construction drawings as well as their dimensions and designation.Lettering.Graphical symbols of building materials.Graphical designations on architectural and building drawing. Drawing sheets: practicing some drawing, projections.

Basic Bibliography:

Additional Bibliography: