

Title (Grafika komputerowa II)	Code 1010101151010110456
Field Civil Engineering First-cycle Studies	Year / Semester 3 / 5
Specialty Structural Engineering	Course core
Hours Lectures: - Classes: - Laboratory: 1 Projects / seminars: -	Number of credits 1
	Language polish

Lecturer:

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Status of the course in the study program:

Computer Graphics II

Assumptions and objectives of the course:

The goal of the topic is the dissemination of knowledge on the creation of spatial (3D) models in AutoCad environment. The course includes three techniques of modeling: edge, shell and solid modeling.

Contents of the course (course description):

The course schedule:

- Lab. 1 ? Introduction to AutoCad
- Lab. 2 ? Edge modeling
- Lab. 3 ? Edge modeling ? continuation and short project
- Lab. 4 ? Shell modeling
- Lab. 5 ? Shell modeling ? continuation and short project
- Lab. 6 ? Solid modeling
- Lab. 7 ? Solid modeling ? continuation and short project

Introductory courses and the required pre-knowledge:

Basic knowledge of using PC computers, skills and experience in planar drawing in AutoCad environment (QCAD) are expected.

Courses form and teaching methods:

Laboratory

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

The student is obliged to prepare three simple projects using techniques, which are presented during laboratories. The final mark is the average mark of three partial ones from each project.

Basic Bibliography:

Additional Bibliography: