

| | |
|--|------------------------------------|
| Title Engineering Graphics (Grafika inżynierska) | Code 1010401231010640694 |
| Field Fizyka Techniczna | Year / Semester 2 / 3 |
| Specialty - | Course core |
| Hours Lectures: 1 Classes: - Laboratory: 1 Projects / seminars: 1 | Number of credits 4 |
| | Language polish |

Lecturer:

dr inż. Michał Śledziński
Katedra Podstaw Konstrukcji Maszyn
Poznań, ul. Piotrowo 3
Tel.: 61 6652245
Michal.Sledzinski@put.poznan.pl

Faculty:

Faculty of Technical Physics
ul. Nieszawska 13A
60-965 Poznań
tel. (061) 665-3160, fax. (061) 665-3201
e-mail: office_dtpf@put.poznan.pl

Status of the course in the study program:

Core course of the study for Technical Physics, Faculty of Technical Physics.

Assumptions and objectives of the course:

Familiarizing the students with the rules for graphical presenting of machines and their parts. Shaping the students' spatial imagination. Reading technical drawings. Acquisition of technical drawing skills.

Contents of the course (course description):

Standardized elements of engineering graphics. Principle of orthogonal projection. Axono-metric projection. Views and sections. Drawing connections and elements like shafts, sleeves, levers, bearings, bodies, gear wheels, gears. Degrees of simplification. Standardized components. Dimensioning including the technology to make machine components. Geometric surface structure. Tolerances and fits. Making assembly and working drawings.

Introductory courses and the required pre-knowledge:

Fundamentals of engineering. Elementary knowledge of the construction and operation of machinery and equipment. Elements of geometry.

Courses form and teaching methods:

Lectures. Multimedia presentations. Drawing exercises.

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

Regular checks of sketches made during classes. Checking drawings. Practical drawing tests.

Basic Bibliography:

-

Additional Bibliography:

-