

Title (Projektowanie i ocena wyrobów)	Code 1011102131011110484
Field Safety Engineering - Full-time studies - Second-cycle studies	Year / Semester 2 / 3
Specialty Work Safety Management	Course elective
Hours Lectures: 1 Classes: 30 Laboratory: - Projects / seminars: 15	Number of credits 2
	Language polish

Lecturer:

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Faculty:

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Status of the course in the study program:

Product Design and Evaluation

Assumptions and objectives of the course:

The course aims to familiarize students with the problems of designing products and solving technical-design problems. Familiarizing with the criteria and principles of design.

Contents of the course (course description):

Definitions and concepts related to design. Design methodology. Historical and modern methods of product design. Ways to overcome technical contradictions. ARZW system designed by Altszuller. Design criteria and principles for the design of products. Industrial design and its impact on the design of products.

Introductory courses and the required pre-knowledge:

Basic knowledge about materials and manufacturing techniques.

Courses form and teaching methods:

Multimedia lectures, exercises and demonstrations, project seminars.

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

Examination, integrative test of material, and a project.

Basic Bibliography:

Additional Bibliography: