

Title Introduction to Technology	Code 1011101111011120150
Field Safety Engineering - Full-time studies - First-cycle studies	Year / Semester 1 / 1
Specialty -	Course core
Hours Lectures: 3 Classes: 15 Laboratory: - Projects / seminars: -	Number of credits 3
	Language polish

Lecturer:

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Status of the course in the study program:

- Core

Assumptions and objectives of the course:

-Students should obtain the knowledge of the main problems connected with technology development. They ought to recognize of the logic of changes in production techniques and conjunction of human with the technology and environment. The systemic character of that conjunction is accented. Letting know of students with the contemporary trends in technology development is important for their ability to recognize, evaluation and describing of existing technical means in production and work conditions.

Contents of the course (course description):

-Chosen elements of the history of technology on a background of human evolution and social development. Technological methods concerning materials (e.g. plastic working, founding, machining, heat- and thermo-chemical treatment), energy and information and their technical equipment. Technology in different areas in human activity. Technology and human work. The main problems of the contemporary civilization. Ethical problems of users and creators of technology means and technical devices.

Introductory courses and the required pre-knowledge:

-Basic knowledge of secondary school (physics, chemistry, mathematics).

Courses form and teaching methods:

-Lectures with multimedia, classes

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

-Written or oral exam, written test

Basic Bibliography:

Additional Bibliography:

