

Title Designing of work processes	Code 1011102131011120176
Field Safety Engineering - Full-time studies - Second-cycle studie	Year / Semester 2 / 3
Specialty -	Course core
Hours Lectures: 1 Classes: 15 Laboratory: - Projects / seminars: 15	Number of credits 2
	Language polish

Lecturer:

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Status of the course in the study program:

obligatory object

Assumptions and objectives of the course:

Presenting the knowledge in methodology of work processes design In various sectors of technology, service and clerk and headwork.

Contents of the course (course description):

General characteristics of design processes and work systems design. Phases of a manufacturing process. Division of the work process into elementary blocks. Work methods study. Principles of the economy of work operations. Team work. Physical and psychical work load and its organizational forms. Time of work design and the biological rhythm of man. Work environment and the process of diagnosing it. The specific character of man's tasks in techniques of manufacture, in service and in clerk and headwork. Rules of design of forms of work organization with consideration of the human factor.

Introductory courses and the required pre-knowledge:

Basic terms and knowledge in design methodology, ergonomics and work organization, as well as techniques of production.

Courses form and teaching methods:

Lecture, classes and project classes

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

Written tests and individual project

Basic Bibliography:

Additional Bibliography: