



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Work psychology

Course

Field of study

Safety engineering

Area of study (specialization)

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

1/1

Profile of study

general academic

Course offered in

Polish

Requirements

compulsory

Number of hours

Lecture

15

Tutorials

15

Laboratory classes

Projects/seminars

Other (e.g. online)

Number of credit points

2

Lecturers

Responsible for the course/lecturer:

Ph.D., Eng. Żaneta Nejman

Mail to: zaneta.nejman@put.poznan.pl

Phone: 61 6653364

Faculty of Engineering Management

ul. J. Rychlewskiego 2, 60-965 Poznań

Responsible for the course/lecturer:

Ph.D., D.Sc., Joanna Sadłowska-Wrzesińska,
University Professor

Mail to: joanna.sadlowska-wrzesinska@put.poznan.pl

Phone: 61 665 34 09

Faculty of Engineering Management

ul. J. Rychlewskiego 2, 60-965 Poznań



Prerequisites

The student has basic knowledge at the high school level and is interested in security issues and analyze cause-and-effect relationships in the area of health and safety and is aware of the importance of human behavior in the process of ensuring work safety.

Course objective

The aim of the course is to familiarize students with the essence and tasks of work psychology in the context of building a safe work environment; presenting key behavioral mechanisms as well as methods of counteracting contemporary psychosocial occupational threats.

Course-related learning outcomes

Knowledge

1. The student knows the issues of management and organization in combination with issues and concepts specific to occupational psychology [P6S_WG_08]

Skills

1. The student is able to properly choose the sources and information derived from them and based on them to analyze and evaluate organizational phenomena in the context of the basic assumptions of occupational psychology, with particular emphasis on key components of safe behavior [P6S_UW_01]

Social competences

1. The student is aware of the recognition of the importance of knowledge in the field of work psychology in solving problems in the field of safety engineering and continuous improvement in this area [P6S_KK_02]

2. The student is aware of the responsibility for their own work, is ready to work in a team and to be responsible for tasks carried out jointly in solving problems in the field of work safety and ergonomics [P6S_KR_02]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Formative assessment:

Lecture: knowledge is verified by short colloquia after the third and fifth teaching unit (basic concepts and their use in problem situations). The pass mark is 50%+1.

Exercises: skills and social competences are verified through partial marks, resulting from: work in teams; activity bonuses; independent problem solving. Credit threshold: 50%+1.

Summative assessment:



Lecture: knowledge is verified by a written colloquium on basic concepts and problems of work psychology, embedded in the framework of safety engineering. Pass mark: 50%+1.

Exercises: average of partial marks. Pass mark: 50%+1.

Programme content

Lecture: Essence and tasks of work psychology. Basic concepts. Psychology of professional selection. Adequacy between man and work situation - model of professional adaptation (Janina Karney). Regulative and energetic aspect of work. Task activity of a man. Difficult situations according to Tomaszewski. Work and organization. Organizational culture. Cultural and social sources of behavior. Theories of motivation. Motivating safe behavior. Interpersonal skills - selected aspects. Communication in organization and information flow. Modern pathologies of work environment. Prevention of psychosocial risks.

Exercises: Academic ethics. Difficult and dangerous professions. Stress management. Tools supporting stress management at work. Dysfunctional work situations.

Teaching methods

Lecture: multimedia presentation illustrated with examples, informative lecture, seminar lecture.

Exercises: multimedia presentation illustrated with examples, practical exercises, talk, exposing methods (film, show), panel discussion, simulating expert debates, case study, brainstorming.

Bibliography

Basic

1. Schultz D., Schultz, S.E., Psychologia a wyzwania dzisiejszej pracy, PWN, Warszawa, 2006.

2. Ratajczak Z., Psychologia pracy i organizacji, PWN, Warszawa, 2007.

3. Sadłowska-Wrzesińska J., Nejman Ź., Zaangażowanie pracowników jako predyktor bezpiecznych zachowań w organizacji, w: Sadłowska-Wrzesińska J. (red.), Bezpieczeństwo XXI wieku. Szanse – Zagrożenia – Perspektywy. Aspekty bezpieczeństwa pracy. Wydawnictwo Naukowe Silva Rerum, Poznań, 2020.

4. Sadłowska-Wrzesińska, Lewicki L. (red.), Podstawy bezpieczeństwa i zdrowia w pracy, Wydawnictwo WSL, Poznań, 2018.

Additional

1. Terelak J.F., Psychologia organizacji i zarządzania, Wydawnictwo Difin, Warszawa, 2005.

2. Tarniowa-Bagieńska M., Siemieniak P., Psychologia w zarządzaniu, Wyd. Politechniki Poznańskiej, 2010.



Breakdown of average student's workload

| | Hours | ECTS |
|---|-------|------|
| Total workload | 60 | 2,0 |
| Classes requiring direct contact with the teacher | 30 | 1,0 |
| Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests) ¹ | 30 | 1,0 |

¹ delete or add other activities as appropriate