



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Communication in safety [S2IBiJ1-JiEwBP>KwB]

### Course

Field of study

Safety and Quality Engineering

Year/Semester

1/2

Area of study (specialization)

Quality and Ergonomics in Work Safety

Profile of study

general academic

Level of study

second-cycle

Course offered in

Polish

Form of study

full-time

Requirements

elective

### Number of hours

Lecture

15

Laboratory classes

0

Other

0

Tutorials

0

Projects/seminars

15

### Number of credit points

2,00

### Coordinators

dr inż. Żaneta Nejman

zaneta.nejman@put.poznan.pl

### Lecturers

### Prerequisites

The student has basic knowledge of law, ergonomics, occupational safety and psychology; he/she is able to recognize cause-effect relationships in the area of broadly understood safety. The student is aware of the importance of interpersonal and group communication in the process of ensuring safety.

### Course objective

To explain the essence of communication (interpersonal, group) with a focus on its special role in solving problems that occur in social situations. To impart knowledge on the possibility of using various means of communication to improve security: personal, structural, labor and organizational, with particular emphasis on pro-quality organizational management.

### Course-related learning outcomes

Knowledge:

1. The student in depth economic, legal, ethical, social and psychological aspects considered in professional activities in the area of communication determinants in safety engineering, quality, ergonomics and occupational safety [K2\_W10].

2. The student has an in-depth knowledge of the principles of information flow and communication

specific to the field of safety management of organizations [K2\_W15].

#### Skills:

1. The student is able to communicate on issues specific to safety engineering, quality, ergonomics and occupational safety, is able to adapt the form of communication to a diverse audience, and is able to debate and participate in the debate on safety in the broad sense [K2\_U11].

2. The student is able to interact with others in teamwork to solve a problem in the field of social communication, specific to the field of safety engineering, quality, ergonomics and safety, as well as to take a leadership role in these teams [K2\_U13].

#### Social competences:

1. The student correctly identifies and resolves dilemmas related to security in the broadest sense, understands the need to make the public aware of the need to form a high culture of information security and counteract disinformation [K2\_K02].

2. The student is ready to perform tasks related to communication management in the organization in a safe and ethical manner, to urge others to adhere to the principles of professional ethics and to develop professional values in the field of social communication [K2\_K05].

### 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 units on the solution of a problem situation. Credit threshold: 51%.

Project: skills and social competencies are verified through partial grades resulting from the consecutive parts of the project presented on the due date. Credit threshold: 51%.

#### summative assessment:

Lecture: knowledge is verified through a summative test on basic concepts and problems in the area of communication in security. Passing threshold: 51%.

Project: the average of the partial marks, the substantive assessment of the project and the assessment of the editorial correctness of the project preparation. Passing threshold: 51%.

#### Skala ocen:

<90–100> bardzo dobry (5)

<80–90) dobry plus (4,5)

<70–80) dobry (4,0)

<60–70) dostateczny plus (3,5)

<50–60) dostateczny (3,0)

<0–50) niedostateczny (2,0)

### Programme content

Social competencies necessary in security processes. Communication at the operational level. Verbal and non-verbal communication. Communication in difficult and/or crisis situations. Traumatic stress. Social communication.

### Course topics

Lecture: Social competencies necessary in security processes: emotional competence, ethical sensitivity, interpersonal communication. The 21st century as the age of information. Communication at the operational level: the ability to argue, persuade, resolve conflicts, conduct discussions, make presentations. Communication as a tool in the security process. Communication in difficult and/or crisis situations. Communicating about disaster, victims, death of loved ones. Social support as part of traumatic stress reduction. Social communication: image creation, campaigning, means of persuasion, media manipulation. Designing activities in the area of interpersonal and/or social communication for raising the level of safety culture in the selected organization. Communication skills of employees of health and safety services. Characteristics of internal communication methods in occupational safety and health management and tips for their application.

Project: preparation of a project entitled Increasing occupational safety by improving communication at a selected workplace/Good communication element of safe work. Guidelines for the project. Editorial requirements. Analysis of theoretical assumptions for the project. Research problem and research

questions. Selection of the research method and technique. Implementation of the various stages of the project.

## Teaching methods

Lecture: multimedia presentation illustrated with examples, informative lecture, conversational lecture. The lecture is conducted using distance learning techniques in a synchronous mode. Acceptable platforms: eMeeting, Zoom, Microsoft Teams.

Project: multimedia presentation illustrated with examples given on the blackboard and performance of project tasks.

## Bibliography

Basic:

1. Sadłowska-Wrzesińska J., Znaczenie komunikacji interpersonalnej w procesie kształtowania wysokiej kultury bezpieczeństwa pracy, w: Kunas M. (red.), BPM vs. HRM, Seria: Zarządzanie procesami w teorii i praktyce, Zeszyt nr 4, Szczecin, 2016.
2. Nejman Ż., Sadłowska-Wrzesińska J., The use of information and communication technologies in the process of introducing incentive schemes. Informatyka Ekonomiczna - 2019, nr 4(54), s. 46-59
3. Kubasiński S., Sadłowska-Wrzesińska J., Covid-19 and Communication Barriers: Assessing the Internal Communication in The Field of Health and Safety in The Time of Pandemic. Proceedings of the 39th International Business Information Management Association Conference (IBIMA) : Business Excellence and Innovation Management: A 2025 Vision to Sustain Economic Development in the Era of Pandemic, IBIMA Publishing, 2022 - s. 2400-2407.
4. Stankiewicz J., Komunikowanie się w organizacji, Wrocław, 2009.

Additional:

1. Sadłowska-Wrzesińska J., Lewicki L., Podstawy bezpieczeństwa i zdrowia w pracy, Wydawnictwo WSL, Poznań, 2018.
2. Robbins S., Zachowania w organizacji, PWE, Warszawa, 2012.
3. Hasson G., Communication : how to connect with anyone, John Wiley & Sons Ltd Wydawca, Instytucja sprawcza West Sussex, 2019.
4. Nejman Ż., Metodyka modelowania systemów motywacji pracowników na przykładzie produkcyjnych firm rodzinnych, Wydawnictwo naukowe FNCE, Poznań 2024.

## Breakdown of average student's workload

|   | Hours | ECTS |
|---|-------|------|
| Total workload  | 60    | 2,00 |
| Classes requiring direct contact with the teacher   | 30    | 1,00 |
| Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation) | 30    | 1,00 |