



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Basics of management in crisis situations

Course

Field of study

Safety Engineering

Area of study (specialization)

Safety and crisis management

Level of study

Second-cycle studies

Form of study

part-time

Year/Semester

1/1

Profile of study

general academic

Course offered in

polish

Requirements

compulsory

Number of hours

Lecture

10

Laboratory classes

0

Other (e.g. online)

0

Tutorials

10

Projects/seminars

10

Number of credit points

3

Lecturers

Responsible for the course/lecturer:

Tomasz Ewertowski, Ph.D., Eng.

e-mail: tomasz.ewertowski@put.poznan.pl

ph: 61 665 33 64

Responsible for the course/lecturer:

Grzegorz Dahlke, Ph.D., Eng.

e-mail: grzegorz.dahlke@put.poznan.pl

ph.: 61 665 33 79

Prerequisites

The student has a basic knowledge of issues related to crisis management in national security. The student has the ability to acquire information from specified sources and is ready to actively search, systematize and present knowledge in the field of crisis management.



Course objective

Systematising basic knowledge related to crisis management issues. Hazard categories overview. Presentation of the organization and operating of entities responsible for the implementation of tasks connected with crisis management. Developing skills to solve problems occurring during the preparation and implementation of tasks related to crisis management.

Course-related learning outcomes

Knowledge

- knows issues in the field of risk analysis, hazards and their consequences associated with the occurrence of crisis situations and knows issues connected with national security and crisis management (P7S_WG_05),

Skills

- knows how to correctly select sources and information derived from them, making the assessment, critical analysis and synthesize of this information, formulate conclusions and comprehensively justify the opinion (P7S_UW_01),
- can prepare well documented development of crisis management problems (P7S_UK_02),
- can identify changes in requirements, standards, regulations, technical progress and on the basis of it determine the needs to supplement own and other knowledge (P7S_UU_01),

Social competences

- is aware of the recognition of cause-and-effect relationships in achieving the set goals and ranking the significance of alternative or competitive tasks (P7S_KK_01),
- is aware of the recognition of the importance of knowledge in solving problems in the field of safety engineering and continuous improvement (P7S_KK_02),
- can plan and manage projects related to the occurrence of a crisis (P7S_KO_01),
- is aware of responsibility for own work and readiness to comply with the principles of teamwork and taking responsibility for jointly implemented tasks (P7S_KR_02).

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Knowledge acquired during the lecture is verified by one 45th-minute colloquium carried out during the



5th lecture. Test consists of 15 to 20 questions (test and / or open), variously scored. Passing threshold: 50% of points.

Skills acquired as part of the tutorials are verified on the basis of the current assessment of the tasks ordered and on the basis of the final test, consisting of 3-5 tasks, variously scored depending on their level of difficulty.

Skills acquired as part of the project classes are verified on the basis of the implementation of assigned partial tasks and during the implementation of the project, the subject of which is developing selected analytical data for the crisis management plan at the local government level.

Programme content

Lecture:

Scope, tasks and basic categories of crisis management. Categories of crisis situations, hazards, their results on the population, property, infrastructure and the environment. Critical Infrastructure. Crisis management system and its elements. Crisis management phases. Crisis management plans. Crisis response procedures. Tasks and competences of entities responsible for crisis management in Poland. Logistic management in crisis situations. Ways to monitor hazards. Principles of informing about hazards and how to deal with emergencies.

Tutorial:

Hazard analysis in national security. Risk assessment in crisis management. Development of a risk and hazard map. Rules of conduct in case of selected crisis situations and tasks of individual entities. Directing and conducting activities during crisis management. Critical infrastructure protection. Methods for assessing preparedness for emergency situations. Cooperation between entities responsible for crisis management. Preparation of safety table elements.

Project classes:

Developing analytical data for selected elements of the crisis management plan at the level of a specific local government, including, among others: hazard analysis and risk assessment, preparation of hazard and risk maps, identification of critical infrastructure. Preparation of a safety table assigning organizational units as well as legal persons with tasks in the crisis response system for selected hazards. Development of basic procedures.

Teaching methods

Lecture: multimedia presentation, illustrated with examples on the board.



Tutorial: multimedia presentation, illustrated with examples given on a board, which are the basis for performing the tasks given by the lecturer. During classes, the classical problem method, case method and practice method are used.

Project classes: multimedia presentation, illustrated with examples given on a board, which are the basis for performing the tasks given by the lecturer. During classes, a practical method is used.

Bibliography

Basic

1. Szymonik A. (2011), Organization and functioning of safety systems. Safety management, Publisher Difin, Warsaw.
2. Legal regulations regarding the issues discussed.
3. Nowak E. (2007), Crisis management in non-military situations, AON, Warsaw.
4. Ficoń K. (2007), Crisis management engineering, BEL Studio Sp. Z.o.o, Warsaw.

Additional

1. Kęпка P. (2015), Designing of security systems. Bel. Studio Sp. z o.o., Warsaw .
2. Skoczylas J. (2011), Rescue Law, Lexis Nexis, Warsaw.

Breakdown of average student's workload

	Hours	ECTS
Total workload	90	3,0
Classes requiring direct contact with the teacher	30	1,0
Student's own work (literature studies, preparation for tutorials, preparation for tests, project preparation)) ¹	60	2,0

¹ delete or add other activities as appropriate