STUDY MODULE DESCRIPTION FORM

Name of the module/subject		Code
Control (command)		**1011102111011116446**
Field of study	Profile of study (general academic, practical)	Year /Semester
Safety Engineering - Full-time studies - Second-	**(brak)**	**1 / 1**
Elective path/specialty	Subject offered in:	Course (compulsory, elective)
Ergonomics and Work Safety	**Polish**	**obligatory**
Cycle of study:	Form of study (full-time,part-time)	
Second-cycle studies	**full-time**	

No. of hours				No. of credits
Lecture: **15**	Classes: **-**	Laboratory: **30**	Project/seminars: **-**	**4**

Status of the course in the study program (Basic, major, other)	(university-wide, from another field)
(brak)	**(brak)**

Education areas and fields of science and art	ECTS distribution (number and %)
technical sciences	**4 100%**
Technical sciences	**4 100%**

Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	Student has a basic knowledge of management and economics.
2	**Skills**	Student is able to properly analyze the causes, management processes and economic phenomena as well as interpret the results of these observations. Student is able to handle basic computer programs.
3	**Social competencies**	Student is able to determine priorities for implementation, specified by himself or others tasks. Student is able to interact in a group.

Assumptions and objectives of the course:

Providing the students with the basic concepts of directing (leading) the organizations in terms of procedural law. Moreover, practicing a varied, concerning the degree of difficulty, simulated management situation (of a commander, leader).

Study outcomes and reference to the educational results for a field of study

Knowledge:

1. Student knows the basic notions of the concept regarding directing (of leading) an organizations in terms of procedural law. - [K2A_W16]

Skills:

1. Student can acquire, integrate, interpret data from literature, database or other properly matched sources, both in English or other foreign language accepted as an international language of communication within Safety Engineering, as well as to draw conclusions, formulate and justify opinions. - [K2A_U1]

2. Student can apply various techniques in order to communicate in occupational environment and other environments. - [K2A_U02]

3. Student has self-study ability and comprehends it's importance as well as can determine the directions for further learning. - [K2A_U5]

4. Student can apply information-communicative techniques to deal with tasks that are typical of engineering activity. - [K2A_U7]

5. Student can, while formulating and solving engineering tasks, discern their systemic and non-technical aspects and also socio-technical, organizational and economic approach. - [K2A_U10]

Social competencies:

1. Student understands the need and knows means how to self-study (first, second and third cycle studies, postgraduate studies, qualification courses)- improving professional, personal and social competence; can argument the need to learn for the whole life. - [K2A_K1]

2. Student is fully aware of the responsibility that he has taken for his own work and expresses readiness to comply with the rules of team work as well as responsibility for mutually realized and completed tasks. - [K2A_K3]

3. Student can determine some causal relationships in the process of targets implementation and rank pertinence of alternative or competitive tasks. - [K2A_K4]

Assessment methods of study outcomes

Formative assessment:

a) laboratories: on the basis of the scored assessment in the simulation game

b) lectures: on the basis of a written or oral answers to questions regarding the material covered during the current and previous lectures,

Collective assessment:

a) laboratories: on the basis of grade average

b) lectures: written assignment on the basis of the lectures content

Course description

- Lectures: Management processes and leading teams of people. The main roles and management skills of managers. The essence of leadership in teams and organizations. Behaviour of leaders. Classical and situational theories leading teams. Processes of motivating people to work. Managing the process of improvement of organizational units. Managing group and interpersonal processes in organizational units. Communication processes in organizations. Management decision making; models of the decision-making processes.

- Laboratory: Three stepped simulation computer game; a case study in targeting the fictional business organization. Following steps include the necessity to tackle new tasks of increasing difficulty, but embedded in the same critical business reality. The game includes four sessions, each of the members of the quadruple group plays a role of the director (leader).

Basic bibliography:

1. Pacholski L., Malinowski B., Niedźwiedź S., Kierowanie. Przewodzenie zespołom ludzkim w jednostkach organizacyjnych (Leading teams in organizational units). Wyd. PP, Poznań, 2011.

2. Griffin R.W., Postawy zarządzania organizacjami (Attitude of the management in organizations). PWN, Warszawa, 2005.

3. Koźmiński A.K., Piotrowski W., Zarządzanie. Teoria i praktyka (Management. Theory and practice). Wyd. 3, PWN, Warszawa, 2005.

4. Zarządzanie firmą. Strategie, struktury, decyzje, tożsamość (Company management. Strategies, structures, decisions, identity). Strategor, PWE, Warszawa, 1999.

5. Zimniewicz K., Współczesne koncepcje i metody zarządzania. (Contemporary concepts and methods of management). PWE, Warszawa, 2000.

Additional bibliography:

Result of average student's workload

Activity	Time (working hours)
1. Participation in lectures	15
2. Participation in laboratory classes	30
3. Preparation for lab classes	15
4. Preparation for a written assignment (based on lectures)	30
5. Consultations	20

Student's workload

Source of workload	hours	ECTS
Total workload	110	4
Contact hours	65	2
Practical activities	50	2