STUDY MODULE DESCRIPTION FORM

Name of the module/subject		Code
Safety of works and building objects		**1011101261011164360**
Field of study	Profile of study (general academic, practical)	Year /Semester
Safety Engineering - Full-time studies - First-	**(brak)**	**3 / 6**
Elective path/specialty	Subject offered in:	Course (compulsory, elective)
-	**Polish**	**elective**
Cycle of study:	Form of study (full-time,part-time)	
First-cycle studies	**full-time**	
No. of hours		No. of credits
Lecture: **15** Classes: **30** Laboratory: **-** Project/seminars: **30**		**6**
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		**6 100%**

Responsible for subject / lecturer:

Mirosława Przybylska Ph.D.
email: miroslawa.przybylska@put.poznan.pl
tel. (61) 665 33 88, (61) 665 33 74
Faculty of Engineering Management
ul. Strzelecka 11 60-965 Poznań

Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	- basic knowledge of technology and engineering graphics - selected concepts from ?Construction Law?(known in the second year of study)
2	**Skills**	- can obtain information from the literature - can communicate using various techniques
3	**Social competencies**	- understands the need for learning throughout life

Assumptions and objectives of the course:

- Theoretical and practical to introduce students to the basic issues related to the safety and the construction and preparation of facilities for work.

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

Knowledge:

1. know the details according to the discipline in force - [-K1A_W10]
2. familiar interpretations specific to the discipline - [-K1A_W11]
3. familiar with current trends in the discipline - [-K1A_W13]
4. knows the best practices in the discipline - [-K1A_W14]
5. has a basic knowledge of the life cycle - [-K1A_W16]

Skills:

1. knows how to create a documented study of problems in the field of safety engineering - [-K1A_U03]
2. has the ability to self-learning and understands the need for - [-K1A_U05]
3. preparation is necessary to work in the built environment - [-K1A_U11]
4. know the safety rules for the operation of the building - [-K1A_U11]

Social competencies:

1. understands the need and knows the possibilities of lifelong learning on track - [-K1A_K01]
2. understands the need to improve professional skills, personal and social - [-K1A_K01]
3. has a sense of responsibility for their own work - [-K1A_K03]
4. feels ready to comply with the rules work in a team and to take responsibility for collaborative tasks - [-K1A_K03]

Assessment methods of study outcomes

- Lectures - a theory test as a test of the range of topics to be covered,
- Exercise - evaluation of test results on the topic of the course (the 14th week of term)
  - evaluation report for the construction of individual output,
  - assessment of their own work carried out on a given topic,
- Projects - evaluation of the project dedicated

Course description

1. Issues to be covered:

Technical conditions to be met by buildings and places of work located in buildings. Heating and ventilation work. Lighting of work, escape lighting, security lighting. Danger zone in the work rooms, workrooms dimensions. The freedom of movement in the workplace. Preparation of the premises and workplaces. Development of the site. Development of the site. The safety performance of construction work, repairs and maintenance. BioZ plan. User safe execution of works. Bricklaying, plastering, reinforcement, concreting, carpentry and roofing. Work at height and in the groove. Assembly work and demolition. Safety of operation of machinery and equipment. Installations and electrical equipment. Scaffolding and mobile work platforms.

2. Practical knowledge of the construction work on the construction of a large building structure - the output common, individual outputs in groups of two-seater for smaller construction

3. Getting to know the latest trends in these issues - participation in the International Fair of Work Protection, Fire and Rescue SAWO

Basic bibliography:

Additional bibliography:

Result of average student's workload

Activity	Time (working hours)
1. Participation in activities	75
2. Literature studies	20
3. Prepare a report from an individual starting to build	10
4. Consultation	30
5. Preparation of self to exercise	10
6. Exam Preparation	10
7. Exam	5

Student's workload

Source of workload	hours	ECTS
Total workload	160	6
Contact hours	110	3
Practical activities	60	3