STUDY MODULE DESCRIPTION FORM

Name of the module/subject		Code
Internship		**1011104261011120749**
Field of study	Profile of study (general academic, practical)	Year /Semester
Safety Engineering - Part-time studies - First-	**general academic**	**3 / 6**
Elective path/specialty	Subject offered in:	Course (compulsory, elective)
-	**Polish**	**obligatory**
Cycle of study:	Form of study (full-time,part-time)	
First-cycle studies	**part-time**	
No. of hours		No. of credits
Lecture: **-** Classes: **-** Laboratory: **-** Project/seminars: **160**		**2**
Status of the course in the study program (Basic, major, other)	(university-wide, from another field)	
other	**university-wide**	
Education areas and fields of science and art		ECTS distribution (number and %)
technical sciences		**100 2%**
Technical sciences		**100 2%**

Responsible for subject / lecturer:

dr Joanna Sadłowska-Wrzesińska
email: joanna.sadlowska-wrzesinska@put.poznan.pl
tel. 61 665 33 64
Faculty of Engineering Management
ul. Strzelecka 11 60-965 Poznań

Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	Knowledge of the complexity and multi-dimensionality protection systems work with special emphasis on the interdisciplinary nature and engineering knowledge with regard to work safety management.
2	**Skills**	Ability to perceive, identify and analyze the risks of the working environment and the interpretation of the phenomena occurring in organizations, in order to use them in the field of safety management.
3	**Social competencies**	The student understands and is ready to bear the social responsibility for the decisions taken in the organization is aware of their ethical and social consequences and manifests pro-active attitude towards learning throughout life.

Assumptions and objectives of the course:

The aim of the course is to observe, analyze and evaluate the impact of the implementation of management processes in organizations in terms of legal requirements and organizational safety at work and the acquisition of practical skills development of safe and healthy working conditions.

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

Knowledge:

1. Has a basic knowledge of the life cycle of machines - [K1A_W21]
2. has a basic knowledge of the life cycle of industrial products - [K1A_W22]

Skills:

1. He can correctly interpret social phenomena in the discipline of management science - [K1A_U01]
2. He is able to analyze data source - [K1A_U02]

Social competencies:

1. He understands the need for continuous improvement of the knowledge - [K1A_K01]
2. He is aware of the need to solve selected tasks with the help of teamwork - [K1A_K02]

Assessment methods of study outcomes

Preparing reports of practices
Presentation of the Report of practices to the tutor

Course description

1. Presentation of the company:
- Legal form of organization,
- Used technology
- List of identified risks.

2. The organizational structure of the company.

3. Analysis of the safety management system: management and administration in the field of corporate safety; processes, training managers and other employees; planned safety inspections and maintenance equipment; analysis of critical tasks and work procedures; investigation of accidents; auditing work processes; to prepare the company for emergency situations; safety rules and work permit; analysis of accidents; the processes of selection, implementation and use of personal protective equipment; health and safety in the company; Internal audits of the safety management system; technology and change management; interpersonal communication and group OSH; promotion of work safety issues in the company; selection and preparation of employees for work; management of purchases of materials and services; security outside of work.

4. The organization of work at the workplace:
- Tasks performed on the selected workstation (types and different operations, the division of the selected operation treatments, activities and movements of the work)
- Standard work (quantitative or temporary) way of defining and updating,
- Supervising of the job,
- Plans of workstations, selection of methods and tools, the use of collective protection means/ individual means
- Maintenance organization position (supply of material and tools, transport, maintenance and repair, quality control, issuing works for the position and settlement of completed tasks).

5.Ergonomics at workstation:
- Assessment of work position,
- Static and dynamic loads,
- Design work zones upper and lower limbs,
- The rhythm and pace of work (issues monotony)
- Interruptions and allowed to rest (fatigue problems)
- Physical parameters of the environment (physical, chemical, biological)
- Non-material factors working environment (psychosocial risks).

6. Project for raising the level of safety in the workplace and / or organization (action towards the development of a safety culture).

Basic bibliography:

Additional bibliography:

Result of average student's workload

Activity	Time (working hours)

Student's workload

Source of workload	hours	ECTS
Total workload	160	2
Contact hours	0	0
Practical activities	160	2