**DESCRIPTION OF A STUDY COURSE – SYLLABUS**

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| **Title of a course** | **Industrial safety** | | | | |
| **Study programme** | **Professional undergraduate study Occupational Safety** | | | | |
| **Status of a course** | Obligatory | | | | |
| **Year of study** | 3. | **Semester** | W | **ECTS credits** | 5 |
| **Teaching plan**  **(L + E + S+ Pr)** | 2+0+2 | | | | |
| **Goals of a course** | | | | | |
| Introduce students to the dangers, damages and efforts in industry (mechanical hazards, electrical hazards, biohazards, fire and explosion hazards, thermal hazards) and occupational safety measures and rules to eliminate these hazards. | | | | | |
| **Conditions for enrolling course** | | | | | |
| No conditions | | | | | |
| **Expected learning outcomes on a level of a course** | | | | | |
| 1. Identify the basic elements of a plant with a description of the basic occupational safety rules. 2. Assess the level of risk based on hazards, noxiousness and efforts in the industry. 3. Recommend measures to eliminate or reduce the risk level by applying basic and specific occupational safety rules. 4. Organize the system of documentation necessary to implement occupational safety. 5. Link the norms and standards applied in the industry with the aim of improving occupational safety. | | | | | |
| **Content of a course** | | | | | |
| Fundamentals of occupational safety. Main hazards, noxiousness and workload in industry (mechanical hazards, electrical power hazards, biological hazards, fire and explosion hazards, technical hazards). Production processes, technological processes. Main hazards, measures and occupational safety regulations for technological processes. Technological processes of assembling and overhauling. Main hazards, measures and occupational safety regulations. Occupational safety organization in industry, legislative occupational safety regulations, company in-house documents on occupational safety. Improvement of occupational safety in industry, improvement of technology of craftsmanship. Systems of health control and safety at work. | | | | | |
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