**DESCRIPTION OF A STUDY COURSE – SYLLABUS**

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| **Title of a course** | **Risk assessment and protection planning** | | | | |
| **Study programme** | **Specialist professional graduate study Occupational Safety** | | | | |
| **Status of a course** | Obligatory | | | | |
| **Year of study** | 1. | **Semester** | S | **ECTS credits** | 6 |
| **Teaching plan**  **(L + E + S+ Pr)** | 2+2+0+0 | | | | |
| **Goals of a course** | | | | | |
| Introduce students to basic measures in prevention at work. Identify options for applying preventive measures in occupational safety and familiarize students with tools that can be used to address occupational safety issues. | | | | | |
| **Conditions for enrolling course** | | | | | |
| No conditions | | | | | |
| **Expected learning outcomes on a level of a course** | | | | | |
| 1. Apply different workplace risk assessment methodologies 2. Propose methods of risk management 3. Assess the current state of safety and occupational safety regarding the application of workplace measures 4. Assess hazardous situations for the creation of the documentation required to analyse the safety of the workplace with respect to the identified risks 5. Create a risk assessment | | | | | |
| **Content of a course** | | | | | |
| Introduction: Existing legislation with which the obligations of owners and users are set in the planning and implementation of protection from fire and explosion. Urban planning and construction measures of fire protection. Technological measures of protection. The contents and production of threat assessment of legal entities and local government and administration. Methods of producing a threat assessment (buildings, building elements, local, regional and state levels). Dangers of fire, fire loading and planning measures of protection. The categorisation of buildings and their components in classes of threat. Prescribed and recommended measures of protection. Economic acceptability and cost-effectiveness study of taken measures, possible consequences. Control over measures of protection. The role of insurer and relations with the owner of a building or territory | | | | | |
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