**DESCRIPTION OF A STUDY COURSE – SYLLABUS**

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| **Title of a course** | **Information systems safety** | | | | |
| **Study programme** | **Specialist professional graduate study Occupational Safety** | | | | |
| **Status of a course** | Special | | | | |
| **Year of study** | 2. | **Semester** | W | **ECTS credits** | 5 |
| **Teaching plan**  **(L + E + S+ Pr)** | 2+2+0+0 | | | | |
| **Goals of a course** | | | | | |
| The aim of the course is to acquire knowledge of the aspects of information systems safety and to develop awareness of the importance of information security in the enterprise. | | | | | |
| **Conditions for enrolling course** | | | | | |
| No conditions | | | | | |
| **Expected learning outcomes on a level of a course** | | | | | |
| 1. Differentiate terms from the field of safety, protection and information system safety management 2. Determine the impact of information systems safety management on a company’s business operations and business continuity 3. Create a company security policy document 4. Identify internal and external threats and vulnerabilities to the company's information system based on the requirements of the standards for managing the security of information systems 5. Assess security risks in an information system 6. Plan and propose organizational and technical solutions for information systems protection | | | | | |
| **Content of a course** | | | | | |
| Information system, its place and importance in business system. Importance of information system for the owner and user. Meaning of the information system’s safety; concept of safety; providing efficiency of information system, forms of information system’s safety. Approaching information system’s development and organisation: planning safety of information systems, standards in designing safety, risk analysis, assurance measures, safety plan for information system. Organisation, programming, technical and physical measures of safety; modalities of safety, means of safety. Data protection in the process of their analysis and saving. Other aspects of protection. | | | | | |
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