**DESCRIPTION OF A STUDY COURSE – SYLLABUS**

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| **Title of a course** | **Safety in transportation of goods and people** | | | | |
| **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+2+0+0 | | | | |
| **Goals of a course** | | | | | |
| Introduce students to the legislation and basic safety factors for individual branches of traffic, with special emphasis on the transport of dangerous goods. Demonstrate procedures and possible measures for protection against traffic accidents and vibrations and acoustics in traffic. | | | | | |
| **Conditions for enrolling course** | | | | | |
| No conditions | | | | | |
| **Expected learning outcomes on a level of a course** | | | | | |
| 1. Analyze the dangers, harms and efforts that occur in traffic.  2. Argument the selection of protection measures against vibration-acoustic phenomena in traffic  3. Analyze key safety factors in certain branches of traffic.  4. Apply legislative regulations in the transportation of hazardous substances. | | | | | |
| **Content of a course** | | | | | |
| Structure and complexity of transportation system. Safety and security in the transport process. Goals and regulations of traffic safety and security. Safety in road traffic. Legislative regulations on road traffic safety. Analysis of traffic accidents. Safety of goods and people in road traffic. Security factors in railroad traffic. Railroad traffic safety management. Unexpected events. Legislative regulations for railroad traffic safety. Safety of goods (cargo) and people in maritime traffic. Safety of the crew. Safety of the ship. Safety of the cargo. International conventions and Croatian legislation on safety in maritime traffic. Safety of airports, airport personnel, passengers and cargo. Hazardous materials in traffic. International regulations and Croatian legislation on hazardous materials transportation. | | | | | |
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