**DESCRIPTION OF A STUDY COURSE – SYLLABUS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Title of a course** | **Safety in health care profession** | | | | |
| **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 most common illnesses of healthcare and the possibilities of their prevention. | | | | | |
| **Conditions for enrolling course** | | | | | |
| No conditions | | | | | |
| **Expected learning outcomes on a level of a course** | | | | | |
| 1. Describe the organization of healthcare in the Republic of Croatia. 2. Identify the most common diseases of healthcare professionals with respect to exposure to physical, chemical and biological noxiousness’s. 3. Assess the obtained morbidity data. 4. Assess the work efforts of healthcare professionals. 5. Recommend prevention measures. | | | | | |
| **Content of a course** | | | | | |
| Health care professionals’ working conditions and tasks: stress conditions; standing position and problems with bones, joints, spine; lifting, carrying and transporting patients; accidents and injuries. Occupational hazards in medicine; physical: noise and vibrations; radiation – non-ionising (medical ultrasound, infrared rays, laser, micro-waves, magnetic resonance) and ionising (electromagnetic, corpuscular; X-rays, accelerators; primary and secondary radiation; radioactive materials: open and closed radiation sources); chemical: noxious and toxic substances, cytostatic, drugs, inhalation anaesthetics, liquid and compressed gasses, laboratory reagents and chemicals, chemical substances used for sterilisation and disinfection, acids and basis; biological: acute hepatitis B and C, HIV infection, TB, varicella, measles, rubella, mumps. Prevention: general and specific measures. Medical instruments and equipment. Working clothes and other personal protection facilities. | | | | | |
|  | | | | | |