

INDUSTRIAL AND CIVIL SAFETY

| Title of Study Programme and Code | | Type (compulsory/optional) | Cycle | Year of study when the component is delivered (if applicable) |
|--|---|---|---|---|
| Environment Protection Engineering, 6531EX042 | | Compulsary | 1 st | 1 st |
| Semester/trimester when the component is delivered | Number of ECTS credits allocated | Language of instruction | Mode of delivery (face-to-face/e-learning/...) | |
| 2 nd | 3 | LT | Face-to-face | |
| Learning outcomes | | Study methods | Assessment methods | |
| After completion of the study subject, a student should be able: | | Interactive lesson; Discussion, group discussion; Studies of literature and other sources of information study; Practicals; Analysis of problem situations. | Tests; Average of practical work; Evaluation of project work. | |
| LO 1 | To analyze the basic regulations on occupational safety and health. | | | |
| LO 2 | To assess engineering solutions in terms of safety. | | | |
| LO 3 | To know the basic safety measures and will be able to use them. | | | |
| LO 4 | To find environmental engineering activities relevant to occupational safety and health legal, technical and scientific information sources in public and in specialized databases. | | | |
| LO 5 | To demonstrate detailed knowledge of the organization of human security company. | | | |
| LO 6 | To organize civil and fire safety. | | | |
| Prerequisites (these courses must be successfully completed prior to taking this particular course) | | | | |
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| Course content | | | | |
| 1. Occupational Safety and Health legal regulation. 2. Ergonomics, basic ergonomic requirements. 3. Occupational hygiene. 4. Work safety of technological processes. 5. Potential Emergency (natural, technical, military, ecological, social origin) situation in Lithuania and their causes. Actions emergencies. 6. Residents and property protection, the organization of emergency conditions. 7. The structure of civil safety and emergency system, its aims and objectives. 8. Fire safety. | | | | |
| Recommended or required reading and other learning resources/tools | | | | |
| 1. Adaškevičius R., Vegys A. (2011). Žmogaus sauga. Mokymo knyga. KTU, Technologija. 2. Čyras P., Dubonis R., Šukys R. (2009). Gyventojų apsauga ekstremaliose situacijose. VGTU, | | | | |

Technika.

3. Ramonas Z., Čikotienė D. (2009). Ergonomika. Žmonių sauga. Leidėjas Liucijus.
4. Buitis L. (2007). Apsauga nuo elektros. Mokomoji knyga. VŠĮ Šiaurės universiteto leidykla.
5. Kučinskas S. (2010). Civilinė sauga. Klaipėdos universiteto leidykla.
6. Mačiulaitis R. (2011). Gaisro ir sprogimo pavojus gamybos procesuose. VGTU, Technika.
7. Čyras P., Šukys R. ir kt. (2011). Žmogaus sauga. Mokomasis uždavinynas. VGTU, Technika.
8. Workplace safety and health topics. 2015: <http://www.cdc.gov/niosh/topics/electrical/>
9. Stasiulionienė V. (2013) Industrial and civil safety. Methodological requirements.
10. State Labour Inspectorate: www.vdi.lt
11. Fire and Rescue Department: www.vpgt.lt