

DESCRIPTION OF STUDY MODULE*

Study programme	Applied Informatics and Programming		
Study module	OCCUPATIONAL HEALTH AND SAFETY	Credits in total	3

Learning outcomes
<ul style="list-style-type: none"> – To assess risk of occupational environment and its prevention methods, compliance with regulatory legislative norms of occupational health and safety in educational institutions. – Evaluate the risks in the workplace and level of prevention, employee safety and health standards keeping in educational institutions. – Understand the importance of their professional growth.
Aims of study module
<p>The course will provide the knowledge and understanding of ergonomics, legal and organizational factors affecting occupational safety and health in Lithuania, potential emergency situations and preparation for them, as well as the skills allowing for applying the knowledge in practice. Having completed the course student have to:</p> <ol style="list-style-type: none"> 1. know the different types of enterprises in Lithuania and their formation procedures, various forms of business organization and the essence of entrepreneurship; 2. understand business as a system, know the requirements for a business plan and how to draft it, identify different stages of strategy formulation and apply various procedures for business establishment, organization of its activities, reorganization and liquidation; 3. know the laws governing the chosen area of activities, be able to select the labour laws of the Republic of Lithuania and to apply in respect of an enterprise, to develop job descriptions, workplace descriptions, prepare contracts, continuously improve business competences; 4. be able to individually organize retrieval of information, gathering of primary and secondary data; 5. know the safety requirements, the methods of recruitment and procedures of work organizing, the principles of communication, cooperation and ethics, corporate image-building process. 6. identify information of the key importance, collect, organize and analyse managerial information, identify current status of the institution, its strengths and weaknesses, choose research methods and create a research strategy, make public presentation of the company, conduct market research, prepare reports. 7. be able to adopt innovation, changes and engage into innovative activities. <p>The aim of practical tasks - to help students to reflect on their knowledge and to learn how to apply it in practice.</p>
Annotation of a study module
<p>The course Occupational health and safety addresses the mandatory requirements for safety and health protection and includes practical assignments related with their application in educational institutions. Students are in detail introduced to the legislation system of occupational health and safety; the methods of internal control applicable to occupational health and safety in a company; the structure and functions of occupational safety and health division/service, as well as the requirements for instruction preparation. The course covers the aspects of training, certification, and instructing of management, specialists and staff with particular focus on compliance with occupational health and safety requirements. The course analyses the requirements for workplaces, working tools and facilities, lighting, microclimate conditions at work, reduction of noise, vibration, radiation and thermal effects, also fire safety requirements. Special attention is paid to standardization of harmful factors in occupational environment, risk assessment of working environment and preventive measures, procurement of the staff with protective equipment depending on occupational risks. Students are introduced to the causes and prevention of occupational diseases, are trained to investigate accidents, fill-in documentation.</p>
Topics of the subject
<ol style="list-style-type: none"> 1. Legislation system of occupational health and safety 2. Work environment. 3. Occupational hygiene requirements. 4. Accidents and their prevention. 5. Fire safety. 6. Civil protection.
Procedure for assessment of knowledge and competences

* Short form

Student progress is assessed in a 10-point criterion-cumulative assessment system: Colloquium work (K) makes 0.2, presentation (S) - 0.2 and Examination - 0.6 of the final assessment grade, which is calculated by the weighted average method. The final evaluation of the knowledge acquired during the course is calculated only subject to completion of all self-work (individual homework) assignments and colloquium work and having received their positive evaluations/grades. $G = K * 0.2 + S * 0.2 + E * 0.6$

Main literature

1. Darbuotojų saugą ir sveikatą reglamentuojantys teisės aktai. <http://www.vdi.lt/norminia/dsa.htm>
2. Stankiuvienė, A. (2015). Teisiniai darbuotojų saugos ir sveikatos pagrindai.
3. Butkus, R. (2011). Profesinės saugos valdymas: Mokomoji knyga. ASU leidykla
4. Čyras P. ir kt. (2005). Gyventojų apsauga ekstremaliose situacijose. Technika.
5. Ramonas Z., Čikotkienė, D. (2005). Ergonomika projektuotojams. Šiauliai: VšĮ Šiaulių universiteto leidykla.