



LITHUANIA BUSINESS COLLEGE

DESCRIPTION OF STUDY MODULE (FOR ERASMUS+ STUDENTS)

OCCUPATIONAL SAFETY AND HEALTH

Volume of subject	6.0 ECTS
Lecturer in charge	
Annotation	The course examines the safety and health of employees, all preventive measures are designed to preserve the efficiency, health, and life of employees at work, and the tasks of their application in the practical activities of educational institutions are solved. Students are introduced in detail to the system of occupational safety and health legislation, the organization of internal control of occupational safety and health in the company, the structure and functions of occupational safety and health services, and the requirements for preparing instructions. Features of training, certification, and coaching of managers, specialists, and employees are revealed. Particular attention is paid to the requirements for ensuring a safe and harmless working environment: the requirements for the installation of workplaces, work tools, and works, lighting of workplaces, the microclimate of the working environment, protection against noise, vibration, radiation, and thermal effects are analyzed. Fire safety requirements are examined. The rationing of harmful factors of the work environment, assessing the risk of the work environment and its prevention measures, and providing workers with personal protective equipment depending on the occupational risk are extensively analyzed. Students are introduced to the causes and prevention of occupational diseases, they are taught to investigate accidents and fill out documents. Environmental aspects and their impact on the environment are analyzed. Forms of responsibility are discussed if occupational safety requirements and health legislation are violated.
Topics	• Introduction to occupational safety and health • Workplace hazards and risk control • Transport hazards and risk control • Musculoskeletal hazards and risk control • Work equipment hazards and risk control • Electrical safety • Fire safety • Chemical and biological health hazards and risk control • Physical and psychological health hazards and risk control • Risk assessments: their significance and the role of the safety professional • Construction, environmental and international aspects of health and safety
Procedure for assessment of knowledge and competences	✓ 30 percent – seminars; ✓ 10 percent – control work; ✓ 60 percent – final exam.