

Faculty of Law
Department: Security and Safety
Professional Area: National Security
Major: National Security Protection
Educational-and-qualification Degree: Bachelor

COURSE DESCRIPTION

1. Course unit title: Production Processes Safety
2. Course unit code: SEC 1051
3. Type of course unit: compulsory
4. Level of course unit: Bachelor
5. Year of study: fourth
6. Semester when the course unit is delivered: eighth
7. Number of ECTS credits allocated: 4.5
8. Name of lecturer: Prof. DSc Vladimir Tomov, MSc (Eng)
9. Learning outcomes of the course unit: Lectures are intended to form the knowledge and skills for applying the methods of safety of production processes.
10. Mode of delivery: face-to-face
11. Prerequisites and co-requisites: Students should have done the courses 'Theory of Risk and Safety' and 'Risk Assessment'.
12. Course contents: risk, safety, man-machine systems, mechanical safety, acoustic safety, heat safety, electrical safety, electromagnetic safety, explosion protection, safety of technological processes in machine building, energy, telecommunications, agriculture, forestry, energy, construction.
13. Recommended or required reading:
 - Required reading:
 - Томов, В. Техническа безопасност. Русе, Русенски университет, 2003.
 - Наредба за същественият изисквания и оценяване съответствието на машините (обн., ДВ, бр. 91 от 23.10.2001 г.)
 - Владимиров, Л. В. Добринов и др. Ръководство за упражнения по Техническа безопасност. Русе, Примакс, 2010. 55 с.
 - Recommended reading:
 - М. Николова. Техническа безопасност. Учебник. Габрово, Технически университет, 2010.
 - EN ISO 14121-1. Безопасност на машините. Част 1 и част 2.
14. Planned learning activities and teaching methods: Lectures, contact hours, individual contact hours.
15. Assessment methods and criteria: written examination with an oral comment on the written answers given by the students.
16. Language of instruction: Bulgarian
17. Work placement: -