

**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: Emergency and Rescue Equipment
2. Course unit code: SEC 1050
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: seventh
7. Number of ECTS credits allocated: 6
8. Name of lecturer: Prof. DSc Vladimir Tomov, MSc (Eng)
9. Learning outcomes of the course unit: The objective of the course is to prepare students to know the capabilities and performance of the emergency and rescue equipment. The main tasks that need to be solved in the learning process are: 1. Study of the classification of emergency and rescue technologies and types of work; 2. Learning the definitions, application of different specialized and non-specialized equipment; 3. Knowledge of the performance, advantages and disadvantages of the equipment in different critical situations.
10. Mode of delivery: face-to-face
11. Prerequisites and co-requisites: In order to learn the course materials, students should have advance knowledge of the courses: 'Protection from Disasters, Emergencies and Catastrophes', 'Safety of Rescue and Urgent Emergency Reconstruction Works', 'Mobilization Preparedness of the Population'.
12. Course contents: Emergency and rescue activities, emergency and rescue operations, classification and performance of emergency and rescue equipment, measuring, signalling and sounding devices, energetic machinery, transport equipment, mechanized and manual rescue tools, road and amelioration equipment, handling machines, utility vehicles, agricultural machinery, technological complexes of equipment for emergency and rescue operations.
13. Recommended or required reading:
  - Томов, В. Аварийно-спасителна техника. Варна, Варненски свободен университет, 2003.
  - Томов, В., Н.Панчев, Д.Драголов, Б.Ангелов, Б.Георгиев, Р.Григоров, Н.Василева. Аварийно-спасителни технологии. Русе, Русенски университет, 2005.
  - Владимирова, Л. Оценка на риска за възникване на критични аварийни ситуации. Русе, Медиатех, 2011. 190 с.
14. Planned learning activities and teaching methods: Lectures, contact hours, individual work with a lecturer for the development of the course assignment, seminars.
15. Assessment methods and criteria: Students answer two questions from the syllabus. They are answered in a written form by students. They are assessed and then there is a discussion on these questions. Students defend the course project by demonstrating the degree of autonomy and arguments in its development.
16. Language of instruction: Bulgarian
17. Work placement: -