

**Faculty of Architecture**  
**Department of Construction of Buildings and Structures**  
**Professional Area: Architecture, Civil Engineering and Geodesy**  
**Major: Fire and Emergency Safety of Buildings and Structures**  
**Educational and Qualification Degree: Master**

- 1. Course unit title: Fire and emergency safety of industrial sites**
- 2. Course unit code: TEC3087**
- 3. Type of the course unit: compulsory**
- 4. Cycle: Master**
- 5. Year of study when the component is delivered: first**
- 6. Semester: second**
- 7. Number of ECTS credits allocated: 3**
- 8. Name of lecturer: Assoc. Prof. Eng. Milena Kichekova, PhD, Prof. Eng. Stefan Terziev, PhD**
- 9. Learning outcomes:** The aim of the course is to give complex assessment of sites. The course deals with the fire safety of installations and sites not studied in the other special courses. The students are prepared to be able to implement state anti-fire control and prepare certificates and conduct and prepare complex assessments of fire and emergency safety of industrial sites.
- 10. Mode of delivery: face-to-face**
- 11. Prerequisites and co-requisites:** To study the course, knowledge gained in the courses in physics, combustion chemistry, building materials and their state in case of fire is required.
- 12. Course content:** Methodology for complex assessment of fire safety at sites. Ordinance for certification of sites under Fire and Emergency Safety. Fire safety of warehouses for highly flammable liquids and flammable liquids. Reservoirs - types, fire safety and warehouse requirements - I and II category. Fire protection requirements for storage sheds, open sites and gas stations. Fire safety of warehouses for combustible warehouses. Fire safety when stored in bottles. Fire and emergency safety at compressed gas storage spaces and liquefied combustion gases.
- 13. Recommended or required reading and other learning resources/tools:**
  1. \_\_\_\_\_, \_\_\_\_\_, 1991 .
  2. \_\_\_\_\_ I – 1971/2009
  3. \_\_\_\_\_ « \_\_\_\_\_, 2001 .

**14. Planned learning activities and teaching methods:** lectures, contact hours, self-study

**15. Assessment methods and criteria:** The following elements are included in the assessment of the student's individual performance: 10% attendance, 1 test and / or development of a paper on an assigned topic (in case of very good performance - mark above 4.50, the student could exempt from the final exam) - 20%, final exam (test) - 70%.

**16. Language of instruction:** Bulgarian

**17. Placement:** none