

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: Electricity Supply and Electrical Equipment of Anti-fire systems in buildings and structures**
- 2. Course unit code: TEC 3006**
- 3. Type of the course unit: elective**
- 4. Cycle: specializing**
- 5. Year of study when the component is delivered: second**
- 6. Semester: third**
- 7. Number of ECTS credits allocated: 3**
- 8. Name of lecturer(s): Prof. Eng. Stefan Terziev, PhD, Assoc. Prof. Eng. Milena Kichekova, PhD**
- 9. Learning outcomes:** The aim of the course is to acquaint students how to determine the electrical loads and configuration of the power distribution network in industry, the proper sizing of the conductors by means of different methods.
- 10. Mode of delivery: face-to-face**
- 11. Prerequisites and co-requisites:** The students are required to possess knowledge gained in the courses in Design of Fire Extinguishing Systems and Operation of the Fire Protection Automation and and Emergency and Rescue Equipment.
- 13. Recommended or required reading and other learning resources/tools:**
 - , 1999 .
 - „ . , , , , , 1999 .
 - „ , 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**