

Faculty of Architecture**Department:** Architecture and Urbanism**Professional area:** Architecture, Civil Engineering and Geodesy**Major:** Architecture**Educational-and-qualification Degree:** Master**COURSE DESCRIPTION**

1. **Course unit title:** Building Installations and Architectural Lightening - part 2
2. **Course unit code:** ARC2141
3. **Type of course unit:** compulsory
4. **Level of course unit:** Master
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:** Assoc. Prof. Milena Petrova, PhD
9. **Learning outcomes of the course unit:** The course in Building Installations and Architectural Lightening 2 gives the students knowledge about the basic types of installations and equipment in buildings, as well as some idea about the outer systems and networks as part of the infrastructure of the residential places.
10. **Mode of delivery:** face-to-face
11. **Prerequisites and co-requisites:** the course requires basic knowledge in architectural design.
12. **Course contents:** Basic elements of electrical systems and illuminants of build-up areas, fire safety systems, local and central lighting systems, high voltage and weak current electrical installations, lifts with technical safety measures and fire safety; to be able to determine dimensions of bathrooms; to master the basic principles and normative requirements when designing lighting and electrical installations in buildings.
13. **Recommended or required reading:**
Basic reading:
Василев, Н; Василева,И. Архитектурно художествено и рекламно осветление, 2007.
Терзиев,Ст.; Петрова, М. Архитектурно осветление, 2009.
14. **Planned learning activities and teaching methods:** lectures, contact hours and individual papers on given topics, seminars
15. **Assessment methods and criteria** – students' work during the semester and the report are assessed. The course is completed with a written examination at the end of the semester, which is 4 hours long and includes two questions from each section.
Final grade = Exam grade x 0,7 + Paper grade and individual work x 0,3
16. **Language of instruction:** Bulgarian
17. **Work placement(s):** none