Faculty of Architecture
Department: Construction Engineering
Professional field: Architecture, Civil Engineering and Geodesy
Specialty: Construction Engineering
Educational-qualification degree: Bachelor

COURSE DESCRIPTION

1. Course title: **Hydraulics, Water supply and Sewerage**
2. Course code: **CIE 1061**
3. Type of course: **compulsory**
4. Level of course: **bachelor**
5. Year of study: **second**
6. Semester when the course is delivered: **fourth**
7. Number of ECTS credits allocated: **4,5** (**3** – lectures and **1,5** – seminars and practice)
8. Name of lecturer: **Assoc. Prof., Eng. Alexander Kirov, PhD**
9. Learning outcomes of the course: The objective of the subject Hydraulics and water supply, and drainage is for the students to get acquainted with the basic technical, sanitary-hygienic and fire protection requirements to the water supply and drainage systems, as well as with the relevant normative documents.
10. Mode of delivery: **face-to-face**
11. Prerequisites and co-requisites: students are required to have knowledge of Mechanics, Electric engineering.
12. Course contents: technical, sanitary-hygienic and fire protection requirements to the water supply and drainage systems, normative documents, settlement water supply systems, water supply systems for buildings.
13. Recommended or required reading:
    - Димитров, Ч., И., Тричков, Водоснабдяване и канализация на сгради, част I и II, Техника, С., 2000
    - Димитров, Ч., И., Тричков, Експлоатация на водоснабдителни и канализационни системи, Техника, С., 1994
    - Цанков Ц., Р.Арсов. Основи на хидравликата, водоснабдяване и канализация. Техника, София, 1991
    - Норми и правила за проектиране на водопроводни и канализационни инсталации в сгради, Сборник “Норми за проектиране на инсталации”, Част III, СЕК, 1999
14. Planned learning activities and teaching methods: **lectures, seminars, practice, contact hours, independent learning**.
15. Assessment methods and criteria: The course ends with a written examination. The practice is assessed by defense of a report of the subject of the practical work.
16. Language of instruction: **Bulgarian**
17. Work placement: **envisaged in the curriculum – 15 hours**