

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:** Modern Design Methods - part1
2. **Course unit code:** ARC 2055
3. **Type of course unit:** compulsory
4. **Level of course unit:** Master
5. **Year of study:** second
6. **Semester when the course unit is delivered:** third
7. **Number of ECTS credits allocated:** 4,5
8. **Name of lecturer:** Assist. Prof. Eng. Ivan Pavlov, PhD
9. **Learning outcomes of the course unit:** The course aims at acquainting students with the principles of working and the possibilities of applying AUTOCAD, acquiring skills for making accomplished drawings in the field of architectural design.
10. **Mode of delivery:** face-to-face
11. **Prerequisites and co-requisites:** Students must have successfully passed the examinations in Introduction to the Informatics.
12. **Course contents:** acquainting with the principles of working and the possibilities of applying AUTOCAD for design purposes, giving detailed knowledge about the main characteristics of AUTOCAD and the methodological approaches when working with the product, acquiring the ways for creating, editing and design of sketches in the field of architectural design.
13. **Recommended or required reading:**
 - Фрей, Д. „AutoCAD 2005 & AutoCAD LT 2005 - УЧЕБЕН КУРС”, СофтПрес, С., 2005.
 - Сирманов, В., „AutoCAD 2009: В лесни стъпки”, СофтПрес, С., 2005.
 - Джордан, Т.Т. “Autocad 2005. Пълен справочник”, AlexSoft, С., 2004.
14. **Planned learning activities and teaching methods:** laboratory work
15. **Assessment methods and criteria:** practical exam. The grade from the semester exam is formed by the quality of the practical assignments.
16. **Language of instruction:** Bulgarian, English
17. **Work placement(s):** none