Marmara University Faculty of Architecture
School of Architecture and Design
2023-2024 Fall Semester

| Course Title | Code | Semester | Hour (T+P) | Credit | ECTS |
|---|---|---|---|---|---|
| Communications III | ARCH 203 | 3 | 1+2 | | 3.00 |
| **Prerequisities** | | | | | |
| **Language of Instruction** | English | | | | |
| **Course Type (Required / elective)** | Required | | | | |
| **Course Coordinator** | Assist. Prof. Dr. Faruk Can Ünal | | | | |
| **Instructor /e-mail** | farukcan.unal@yeditepe.edu.tr | | | | |
| **Assistans** | | | | | |
| **Goals** | Produce architectural presentations using 2D drawing techniques with CAD softwares. Finalize, analyze and make arrangements on the design idea with the help of CAD softwares. | | | | |
| **Learning Outcomes** | AutoCAD, Photoshop software application to architectural drawings. Gaining graphic expression skills. Gaining the design representation ability. Technical documentation providing and review. Gaining experience on the AutoCAD software by producing project. | | | | |
| **Course Content** | Explaining the theoretical and technical background of the use of computer aided design tools in different phases of design; experiencing architectural project representation with different practices; ensuring and developing the integration of digital tools into the project process. | | | | |

| **Assessment Criteria** | **Assessment Components** | |
|---|---|---|
| | | |
| | Mid-term Exam | % 40 |
| | Final Submission | % 60 |
| | TOTAL | %100 |

**Midterm grade:**
**Final grade:**
**Course success:**

| WEEKLY TOPICS AND PREPARATIONS | | |
|---|---|---|
| **Weeks** | **Topics** | **Initial Studies** |
| **Week 1** | Information about the AutoCAD software installation. Presentation of the software interface. | |
| **Week 2** | Information about AutoCAD tools. Improve application practice with simple geometric forms. | In-class practice - homework |
| **Week 3** | Wall drawing applications with AutoCAD tools. | In-class practice - homework |

| Week 4 | Introduction to project production with AutoCAD tools.<br>Plan drawing applications. | In-class practice - homework |
|---|---|---|
| Week 5 | View drawing applications with AutoCAD tools. | In-class practice - homework |
| Week 6 | Section drawing applications with AutoCAD tools. | In-class practice - homework |
| Week 7 | Applications for dimensioning, adding elevation, adding text with AutoCAD. | In-class practice - homework |
| Week 8 | Midterm Exam | |
| Week 9 | Export the AutoCAD file to different graphics software.<br>Information about installing Photoshop software. | In-class practice - homework |
| Week 10 | Introducing the Photoshop interface and tools. | In-class practice - homework |
| Week 11 | Architectural plan visualization in Photoshop software. | In-class practice - homework |
| Week 12 | Architectural section-view rendering in Photoshop software. | In-class practice - homework |
| Week 13 | Preparing architectural presentation board in Photoshop software. | In-class practice - homework |
| Week 14 | Poster design in Photoshop software. | In-class practice - homework |
| Week 15 | Principles about different 2d exporting styles.<br>Importing files to different softwares.<br>Filling techniques. | In-class practice |

| REFERENCES |
|---|
| AutoCAD 2022 Instructor 1st Edition - Leach, J.A. & Lockhart, S.<br>Discovering AutoCAD 2020 1st Edition – Dix, M.<br>Adobe Photoshop Classroom in a Book (2021 release) 1st Edition – Faulkner, A. |

| ECTS / WORKING HOUR TABLE | | | |
|---|---|---|---|
| Activities | Number of Weeks | Duration (Hour) | Working Hours |
| Duration of the Course<br>(Including Exams: 14 x Total Weekly Course Hour) | 15 | 3 | 45 |
| Extracurricular Working Hour<br>(Preparatory Work, Review,Internet studies etc.) | 14 | 2 | 28 |
| Midterm exam | 5 | 3 | 15 |
| Homeworks and Presentations | 1 | 3 | 3 |
| Final Exam | 1 | 3 | 3 |
| Working Hours in Total | | | 94 |
| Working Hours in Total / 30 | | | 3,1 |
| ECTS Credit of the Course | | | 3 |