

# TOROS ÜNİVERSİTESİ

Faculty Of Fine Arts, Design And Architecture  
Architecture

## Course Information

| COMPUTER AIDED DESIGN I |          |             |          |                 |             |
|-------------------------|----------|-------------|----------|-----------------|-------------|
| Code                    | Semester | Theoretical | Practice | National Credit | ECTS Credit |
|                         |          | Hour / Week |          |                 |             |
| ARC283                  | Fall     | 3           | 0        | 3               | 3           |

|                                             |                                                                                                                               |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Prerequisites and co-requisites</b>      |                                                                                                                               |
| <b>Language of instruction</b>              | Turkish                                                                                                                       |
| <b>Type</b>                                 | Required                                                                                                                      |
| <b>Level of Course</b>                      | Bachelor's                                                                                                                    |
| <b>Lecturer</b>                             | Öğr. Gör. Mehmet Burak Taşerimez                                                                                              |
| <b>Mode of Delivery</b>                     | Face to Face                                                                                                                  |
| <b>Suggested Subject</b>                    |                                                                                                                               |
| <b>Professional practise ( internship )</b> | None                                                                                                                          |
| <b>Objectives of the Course</b>             | Students will gain and develop drawing and visual presentation skills by using computer programmes and technics.              |
| <b>Contents of the Course</b>               | Giving general contents of computer aided design with basic 2d and 3d designing principles by Auto-cad and 3d-Max programmes. |

## Learning Outcomes of Course

| # | Learning Outcomes                                                                     |
|---|---------------------------------------------------------------------------------------|
| 1 | Be able to use computer technologies in architecture studies,                         |
| 2 | Be able to create simple edits with simple two-dimensional drawings with Auto CAD     |
| 3 | Be able to visualise space studies in computer environment                            |
| 4 | Be able to use the ability to transfer two-dimensional work to three-dimensional work |

## Course Syllabus

| #  | Subjects                                                      | Teaching Methods and Technics |
|----|---------------------------------------------------------------|-------------------------------|
| 1  | Importance of computer technologies in interior design.       | Drawing practices             |
| 2  | Introducing autocad interface.                                | Drawing practices             |
| 3  | Introducing autocad interface.                                | Drawing practices             |
| 4  | Open & save new file at autocad , screen tools                | Drawing practices             |
| 5  | Explaining 2d autocad drawing tools                           | Drawing practices             |
| 6  | Explaining 2d autocad drawing tools. Select and modify tools  | Drawing practices             |
| 7  | Explaining 2d autocad drawing tools. Select and modify tools  | Drawing practices             |
| 8  | Mid term                                                      |                               |
| 9  | Explaining 2d autocad drawing tools. Select and modify tools  | Drawing practices             |
| 10 | Explaining 2d autocad drawing tools. Select and modify tools. | Drawing practices             |
| 11 | Drawing practices                                             | Drawing practices             |
| 12 | Explaining 2d autocad drawing tools.Select and modify tools   | Drawing practices             |

|    |                   |                   |
|----|-------------------|-------------------|
| 13 | Drawing practices | Drawing practices |
| 14 | Drawing practices | Drawing practices |
| 15 | Drawing practices | Drawing practices |
| 16 | Final Exam        |                   |

## Course Syllabus

| # | Material / Resources                                      | Information About Resources | Reference / Recommended Resources |
|---|-----------------------------------------------------------|-----------------------------|-----------------------------------|
| 1 | Her yönüyle Auto CAD 2009, Gökalp Baykal, Alfa Yayıncılık |                             |                                   |
| 2 | Web                                                       |                             |                                   |

## Method of Assessment

| # | Weight | Work Type     | Work Title    |
|---|--------|---------------|---------------|
| 1 | 40%    | Mid-Term Exam | Mid-Term Exam |
| 2 | 60%    | Final Exam    | Final Exam    |

## Relationship between Learning Outcomes of Course and Program Outcomes

| # | Learning Outcomes                                                                     | Program Outcomes | Method of Assessment |
|---|---------------------------------------------------------------------------------------|------------------|----------------------|
| 1 | Be able to use computer technologies in architecture studies,                         | 14               | 1,2                  |
| 2 | Be able to create simple edits with simple two-dimensional drawings with Auto CAD     | 14               | 1,2                  |
| 3 | Be able to visualise space studies in computer environment                            | 14               | 1,2                  |
| 4 | Be able to use the ability to transfer two-dimensional work to three-dimensional work | 14               | 1,2                  |

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

## Work Load Details

| #  | Type of Work                                                  | Quantity | Time (Hour) | Work Load |
|----|---------------------------------------------------------------|----------|-------------|-----------|
| 1  | Course Duration                                               | 14       | 3           | 42        |
| 2  | Course Duration Except Class (Preliminary Study, Enhancement) | 14       | 2           | 28        |
| 3  | Presentation and Seminar Preparation                          | 0        | 0           | 0         |
| 4  | Web Research, Library and Archival Work                       | 0        | 0           | 0         |
| 5  | Document/Information Listing                                  | 0        | 0           | 0         |
| 6  | Workshop                                                      | 0        | 0           | 0         |
| 7  | Preparation for Midterm Exam                                  | 0        | 0           | 0         |
| 8  | Midterm Exam                                                  | 1        | 5           | 5         |
| 9  | Quiz                                                          | 0        | 0           | 0         |
| 10 | Homework                                                      | 4        | 2           | 8         |
| 11 | Midterm Project                                               | 0        | 0           | 0         |
| 12 | Midterm Exercise                                              | 0        | 0           | 0         |
| 13 | Final Project                                                 | 0        | 0           | 0         |
| 14 | Final Exercise                                                | 0        | 0           | 0         |
| 15 | Preparation for Final Exam                                    | 1        | 3           | 3         |
| 16 | Final Exam                                                    | 1        | 4           | 4         |
|    |                                                               |          |             | <b>90</b> |

