Main subject of this course is urban design and landscape criteria and their implementation in various levels.

AIMS
The main aims and objectives of this course are:
(i) to provide information on various urban design approaches;
(ii) to introduce various aspects of urban design;
(iii) to introduce urban design concepts and criteria for various architectural and urban environments with different functions.
(iv) to give an overview of fundamental issues in landscape design;
(v) to provide detailed knowledge on design of urban spaces giving special reference to every component with consideration of functional, physical, aesthetical needs;
(vi) to provide practical urban design and landscape ideas for the design of exterior spaces of their design projects.

RELATIONSHIP WITH OTHER COURSES
The course is a continuation of Arch 252 Theory of Urban Design course. The practical urban design ideas, which will be provided in this course, are supposed to have a positive contribution to the processes of design and the design of public outdoor spaces of Arch 391, 392, 491 and graduation projects (Arch 492) in the following semesters. The knowledge and understanding gained in this course will be questioned in these design studios.

TEXTBOOK(S)

INDICATIVE BASIC READING LIST
EXTENDED READING LIST


LEARNING OUTCOMES

- Recognize the skills involved in the planning and urban design processes;
- Define functional, contextual, morphological, spatial, perceptual, sustainable and social aspects of urban design;
- Define basic design elements of landscape, plant materials, and role of landscape in urban space design;
- Review different dimensions of places being physical setting, activity and meaning as a part of place making;
- Apply the process of urban design;
- Design urban public spaces and their elements.

GRADING CRITERIA

The column over 100 in attached Table 1, is going to be used for grading.

<table>
<thead>
<tr>
<th>Numerical values</th>
<th>Grade</th>
<th>Correspondence</th>
</tr>
</thead>
<tbody>
<tr>
<td>85-100</td>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>80-84</td>
<td>A-</td>
<td>3.70</td>
</tr>
<tr>
<td>75-79</td>
<td>B+</td>
<td>3.30</td>
</tr>
<tr>
<td>70-74</td>
<td>B</td>
<td>3.00</td>
</tr>
<tr>
<td>66-69</td>
<td>B-</td>
<td>2.70</td>
</tr>
<tr>
<td>63-65</td>
<td>C+</td>
<td>2.30</td>
</tr>
<tr>
<td>60-62</td>
<td>C</td>
<td>2.00</td>
</tr>
<tr>
<td>57-59</td>
<td>C-</td>
<td>1.70</td>
</tr>
<tr>
<td>54-56</td>
<td>D+</td>
<td>1.30</td>
</tr>
<tr>
<td>50-53</td>
<td>D</td>
<td>1.00</td>
</tr>
<tr>
<td>45-49</td>
<td>D-</td>
<td>0.70</td>
</tr>
<tr>
<td>0-44</td>
<td>F</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Table 1- Numerical values and their correspondence in letter grades

(A)(A-): exceeded expectations, work above what is required, superior, excellent: Students work and understanding of the topics in the course contents is of exceptional quality and the submissions (of exam papers and/or assignments / homeworks) shows a depth of understanding of the issues embodied in the program / course outline. Excellent understanding of the concepts and the principles of the concerned theme as demonstrated by correct and accurate knowledge and application of practical home work. Response to problems / questions is clear, legible, concise and accurate. Completing all of the assignments on time in an outstanding manner. Excellent performance.

(B+)(B)(B-): good: met all expectations as specified for the class in a professional manner, good: Student’s work demonstrates above average understanding of the issues embodied in the program / course outline. Better than average understanding of the concepts and the principles of the concerned theme as demonstrated by correct and accurate knowledge (as shown in exam papers) and application of homework, but doesn’t have the depth and outstanding quality of “A”. Response to problems / questions in exams is fairly clear, legible, but occasionally contains some inaccuracies. Completing assignments on time in an above average manner. Performance exceeds the minimum requirements.

(C+)(C)(C-) (average): met minimum class requirements: Student’s work (as shown in exam papers and/or assignments) meets the minimum requirements of objective criteria. Work shown in exam papers and
assignments demonstrates average understanding and effort. An average understanding of the concepts and the principles of the concerned theme as demonstrated by reasonably correct knowledge and application of practical work in answering questions / solving problems / completing assignments etc., but doesn’t have any depth. Response to problems / questions is reasonably clear, legible, but contains inaccuracies. It reveals a sufficient understanding of the issues, but lacks depth in understanding and approach in tackling the problems / questions / issues. Content and form don’t go beyond basic expectations and/or display some substantial errors. Acceptable performance that doesn’t go beyond the minimum requirements.

**(D+)(D) (narrowly fail): did not meet minimum requirements:** Student’s work does not adequately fulfill requirements, but still deserves credit. It demonstrates weak / below average understanding and/or effort. The answers to the questions do not show reasonably correct knowledge; they do not meet the minimal standards yet reveal insufficient understanding of the issues concerned. Performance demonstrates severe problems in many areas. Completing assignments on a level measurably below average, incomplete assignments or not completing many assignments. Student has to make more effort to pass the course.

**(D-)(F) (fail): did not meet minimum requirements and must repeat the course next semester:** Student’s work is unresolved, incomplete and/or unclear. Minimum course objectives are not met, and student’s work demonstrates lack of understanding or effort. Performance is not acceptable. Work does not meet the most minimal standards. It reveals no understanding of the issues concerned, lack of basic academic skills and knowledge or completely incomprehensible writing. Not completing many of the assignments, or completing assignments inadequately or both.

**(NG) (nil grade):** Failure due to absence. Indicates poor attendance and/or failure to complete assigned work including exams. Conditions that lead to NG Grade.
- Not attending the Class and Studios more than 20% of the total hours.
- Not attending any Mid-term and / or final exams or submitting more than two of the course work assignments.

**LEARNING / TEACHING METHOD**
Lectures through OHP and slide show. Students will be encouraged to participate in the discussions on the course topics through group work before each lecture. Besides, there will be studio work based on theoretical knowledge.

**METHOD OF ASSESSMENT**
- Midterm Exam: 25%  
- Analyzing the site: 20%
- Individual contribution to the project: 15%  
- Final Project: 40%

**ATTENDANCE**
Students are expected to attend the lectures as regularly as possible and submit the required assignments as well. Those who fail in more than **20% of the term** would be graded NG! Also students who fail in submitting more than two of the expected assignments (except the final project) will get NG as well.

**PLAGIARISM**
This is intentionally failing to give credit to sources used in writing regardless of whether they are published or unpublished. Plagiarism (which also includes any kind of cheating in exams) is a disciplinary offence and will be dealt with accordingly.)
## CONTENT & SCHEDULE

The lecture topics within the semester are as in the following schedule:

<table>
<thead>
<tr>
<th>WEEK</th>
<th>DATE</th>
<th>CONTENT</th>
<th>STUDIO WORK</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>19.02.2019</td>
<td>Introduction to the Course</td>
<td>-</td>
</tr>
<tr>
<td>02</td>
<td>26.02.2019</td>
<td>Lecture 01: The Context of Urban Design</td>
<td>-</td>
</tr>
<tr>
<td>03</td>
<td>05.03.2019</td>
<td>Introducing the Term Project</td>
<td>Site Visit, Observation &amp; Data Collections</td>
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<tr>
<td></td>
<td></td>
<td>Re-Designing Public Open Space in EMU Campus</td>
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<tr>
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<td>You are expected to re-design the major public open space – central plaza of EMU Campus (Atatürk Square), as a multi-functional space, which is expected to cover the following needs of the users (students and staff) and the University:</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>• Ceremonial space</td>
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<td>• Activity space for exhibitions, concerts, events, etc.</td>
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<td></td>
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<td>• Recreational facilities such as cafes, restaurants, open-air cinema, etc.</td>
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<td></td>
<td></td>
<td>• Info points for orientation week</td>
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<td>The design of the place will be developed by considering its surrounding buildings as well as its location within the campus.</td>
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</tr>
<tr>
<td>04</td>
<td>12.03.2019</td>
<td>Lecture 02: Morphological, Perceptual and Social Dimension of Urban Design</td>
<td>-</td>
</tr>
<tr>
<td>05</td>
<td>19.03.2019</td>
<td>Submission and Presentation of Site Analysis Part 1: Morphological, Perceptual and Social Dimension of Given Site (1/500 2D &amp; 3D presentation)</td>
<td>Group work: 6 students</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Morphological Analysis of Urban Design in EMU Campus</td>
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<tr>
<td></td>
<td></td>
<td>- Land-use/building heights(3D)</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>- Building Structure (3D)</td>
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<tr>
<td></td>
<td></td>
<td>- Plot pattern</td>
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<td></td>
<td></td>
<td>- Street pattern and hierarchy</td>
<td></td>
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<td></td>
<td></td>
<td>- Block sizes</td>
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<td></td>
<td>Perceptual &amp; Social Analysis of Urban Design in EMU Campus</td>
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<td></td>
<td></td>
<td>- Lynch Analysis (identity, structure, meaning)</td>
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<td></td>
<td></td>
<td>- Public realm (external public space, Internal Public Space, External and Internal quasi-public space)</td>
<td></td>
</tr>
<tr>
<td>06</td>
<td>26.03.2019</td>
<td>Lecture 03: Visual, Functional and Temporal Dimension of Urban Design</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Submission: Digital PRESENTATION 2 A0 (7 mins) with references (if you take any information graphic, figure from any sources please mention)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Feedback on Site Analysis</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Submission: Digital PRESENTATION 2 A0 (7 mins) with references (if you take any information graphic, figure from any sources please mention)</td>
<td></td>
</tr>
</tbody>
</table>
### Site Analysis Part 2: Visual, Functional and Temporal Analysis of Urban Design in EMU Campus

**Visual Analysis of Urban Design in EMU Campus**
- Aesthetic order (rhythm, common enclosure, continuity, orientation, harmony, balance etc. if any)
- Cullen Analysis (serial vision)
- Figure Ground (black & white, no roads)
- Street enclosure (3D)
- Visual Elements of Space (urban architecture, façade Design, Integration, Floor Space, Street Furniture, Landscaping and Landscape elements) (3D)

**Functional and Temporal Analysis of Urban Design in EMU Campus**
- Activities of Public Space (Comfort, Relaxation, Passive Engagement (3D day-time, night time), Active Engagement (3D day-time, night time), Display)
- Time cycles

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>08 09.04.2019</td>
<td>MID-TERM EXAMS AND JURIES</td>
<td>Feedback on Site Analysis</td>
</tr>
<tr>
<td>09 16.04.2019</td>
<td>MID-TERM EXAMS AND JURIES</td>
<td>Feedback on Site Analysis</td>
</tr>
<tr>
<td>10 23.04.2019</td>
<td>CHILDREN’S DAY-NATIONAL HOLIDAY</td>
<td>Feedback on Site Analysis</td>
</tr>
<tr>
<td>11 30.04.2019</td>
<td>Lecture 04: Landscape Design</td>
<td>Developing vision, Consultation with Professionals, SWOT Analysis</td>
</tr>
<tr>
<td></td>
<td>Implementing Urban Design: 1. Developing Vision</td>
<td>EACH TEAM IS TO BRING POST-it NOTES, preferably in four colors, but no less than ten blank notes per student</td>
</tr>
<tr>
<td></td>
<td>Problem Seeking and “Generating and developing various possible solutions through an iterative process of imaging and presenting, usually informed by personal experience and design philosophies”</td>
<td>Studio review</td>
</tr>
<tr>
<td>12 07.05.2019</td>
<td>Implementing Urban Design: 2. Site Synthesis and Prediction</td>
<td>A3 Consolidated SWOT analysis 1/500 2D (printed before class) &amp; 3D presentation</td>
</tr>
<tr>
<td></td>
<td>Initial proposal in the campus context (main approach to the site, functional distribution, hierarchy of circulation (new traffic solutions for vehicles, bicycles and pedestrians), hard &amp; soft space distribution), integrated accessibility solutions</td>
<td>Studio critique</td>
</tr>
<tr>
<td>13 14.05.2019</td>
<td>Implementing Urban Design: 3. Decision-making (Designing Process)</td>
<td>1/200 2D (printed before class) &amp; 3D presentation</td>
</tr>
<tr>
<td></td>
<td>Project Design (semi-open and open space design, vehicular- bicycle and pedestrian circulation, spatial design, landscape design, shade and sun, new building/extension proposals at a conceptual level)</td>
<td>Studio critique</td>
</tr>
<tr>
<td>14 21.05.2019</td>
<td>Implementing Urban Design: 3. Decision-making (Designing Process)</td>
<td>1/200 2D (printed before class) &amp; 3D presentation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Studio critique</td>
</tr>
<tr>
<td>Date</td>
<td>Event</td>
<td>Details</td>
</tr>
<tr>
<td>------------</td>
<td>------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| 28.05.2019 | Pre-final Submission of the term project | Implementing Urban Design: 4. Evaluation Pre-final Submission of the term project  
Final presentation of ARCH355 will be digital presentation. However please note that you have to submit A3 size (folded into A4) printed project file with a CD.  
Please don’t forget that you have to give dimensions of each item you use in the project (separately).  
The A3 Size booklet (which should be folded into A4 size) should contain:  
The process of the project  
All the design decisions (fit to page A3 Size; but please don’t forget to put graphic scale)  
A CD which contains PDF files of the dimension analysis, swot analysis, drawings, and the animation animation.  
The digital presentation should contain:  
2 A0 size poster of the project (will be projected on the screen)  
1/500 detailed drawings  
1/200 partial detail (from the selected area)  
You are also required to present a 3D ANIMATION of the project. |
| 16.06.2019 | RAMADAN BAIRAM               |  
| 17.06.2019 | FINAL JURIES & EXAMS         |  
| 11.06.2019 | FINAL JURY of the Course     | will take place during the final exam week. |