



The American University of Kurdistan (AUK)
College of Engineering
Department of Architecture

Course Syllabus

ARC311 Landscape Architecture

Course lecturer: Kawar Salih

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Fall 2021

Section 1 Course Profile:

Department:	Department of Architecture
Program:	BSc Architectural Engineering

Course Code – Full:	Course Code – Short:
ARC311	
Course Title:	Credit Hours:
Landscape Architecture	4

Semester:	Fall 2021
Academic Year:	2021-2022

Course Instructor:	Kawar Salih, MSc	
Delivery Method:		
Lecture	Tutorial	
1 hours	3 hours	

Section 2 Course Syllabus:

2.1 Course Contents (Description)

This studio course satisfies the 3 credit hour AUK Specialization requirement and meets specific requirements for programs as outlined in the AUK Undergraduate Catalog. The student is introduced to the elements and principles of landscape design, along with the development of a landscape plan for a residential area. The course will illustrate traditional design processes, concepts and different approaches of landscape design. The course will explore how site, climate, environment, culture, legislation and technical aspects affect the design process. Topography, grading and surveying techniques, and plant identification and characteristics will be considered, along with hardscape, soft-scape, vegetal landscaping and vertical farming. This course consists of lectures and problem-solving studio exercises to understand the art and science of landscape designing, arranging and creating spaces, objects (monuments, fountains, channels and other attractive structures) to compliment the built environment. The student is introduced to landscape designing through lectures, studio projects, including all requirements (presentations, diagrams, graphic and research) that are needed in a challenging urban context.

2.2. Course Main Objectives

- 1- To draw a landscape project by employing design processes and problem-solving design techniques.
- 2- To integrate students' landscape designs with the environment, culture and climate in a sustainable way.
- 3- To introduce the student to types of plants and vegetation.
- 4- To encourage students to develop a design process, through analysis, inventory and research, and creating innovative and sustainable design solutions.
- 5- To learn presentation skills in the field of landscape design.

2.3 learning Objective and outcomes:

LO Code	Learning Objective	Taxonomy
A	Describe and understand the elements and principles of design, identify examples in various landscape projects, and discuss the use of elements in project presentations.	Comprehension
B	Understand and recognize the vegetation needed in landscape projects.	Comprehension
C	Be able to analyse a site in terms of orientation, circulation, climate and environmental considerations.	Analysis
D	Being able to select the correct hardscape materials and softscape material for a landscape design.	Evaluation

E	Verbal skills: Ability to speak effectively to convey design ideas and concepts; public and client interface and interaction.	Application
F	Employ appropriate means to present ideas at each stage of the project.	Application
G	Being able to synthesis the main functions required for landscape area.	Synthesis
H	Being able to design landscapes with all necessary requirements and evaluate the process step by step.	Evaluation
I	Being able to create digital animation and basic technical documentations and evaluate them.	Evaluation

2.4 Weekly Plan (Teaching Schedule - Course Outline):

Week	Lecture	Topic	Description	Objectives
1	1	Introductory week	“Documentary movie”	
	2	course book discussion and distribution		
2	3	Lecture , first assignment distribution	Basic theories of landscape design, examples of landscape projects across the world. Landscape history (Spanish, chines, English, French)	A, B
	4	Lecture		A, B
3	5	Tutorial (Discussion groups)		A, B
	6	Assignment submission and presentation	A, B	
4	7	Distribution of the design project	Site Analysis	C
	8	Site analysis (site visit)		C
5	9	Site analysis Presentation		C
	10	Case studies (Similar Examples)		D
6	11	Case Studies Presentation		D
	12	Design concept	Problem Solving	F
7	13	Design concept		F
	14	Presentation		G,F
8	15	Project layout (Design Requirements)		H
	16	Drawing progress 2D		H
9	17	Drawing Progress 2D		H
	18	Drawing Progress 3D		H
10	19	Pre-final Presentation		F
	20	Drawing Progress Detailing		F
11	21	Drawing Progress Detailing		F
	22	Project Rendering		I

12	23	Animation		I
	24	Presentation techniques		H
13	26	Final Presentation		E
	28	Examination		

Table 3: Weekly Plan

* Dates and topics contained in this teaching schedule are subject to change. Any modification will be announced in the class and on the website. It is the responsibility of student to stay informed on any updates. If any of days above fall into a holiday, the class, including the exam dates will shift accordingly.

2.5 Educational Resources

Core materials:

- Jade Kwon, 2011, *Landscape Architecture: Competition Annual 4*, Publisher: Archworld & Choseok, South Korea.
- Scarfone, S. 2007, *Professional Planting Design, An Architectural and Horticultural Approach for Creating Mixed Planting Beds*.
- Bertauski, T. 2005, *Designing the Landscape, An introductory Guide for the Landscape Designer*.
- Leroy G. Hannebaum, 2001, *Landscape design, A Practical Approach* (5th Edition), Pearson Publisher. ISBN-13: 978-0130105813.
- For designing a landscape for a Playground you must refer to:
- Ernest and Peter Neufert *Architect's Data*, 2012, Wiley-Blackwell Publication (Fourth Edition).

2.6 Methods of Teaching

The information below is provided as a guide to assist students in engaging appropriately with the course requirements.

This is a 4 unit course. Students in this course are expected to attend 6-8 hours of lecture/ tutorial/ workshop each week and allow for 18-22 hours of self-directed learning each week. That is a total of 30 hours a week for 8 weeks. The tutorials and other activities, including reviews of work in progress are an important component of learning in this course. The communication skills developed by regularly and actively participating in activities and discussions are considered extremely important by the School and are highly regarded by employers and professional bodies.

This course requires high participation for each class. The course will include verbal communication between the students and teachers as well as use of. There needs to be commitment from the students to do enough self-directed studies in order to participate in class.

- **Lectures:** Students are required to attend lectures as these will provide the initial basis for further discussion and critique toward development of assessable outputs. Lectures may not be recorded. PDFs of slides may be provided but these may not contain critical verbal explanations of visual material. A range of lectures will background the diverse range of understandings and practice of design thinking.
- **Tutorial:** time will be devoted to discussion of assessable assignment material and some exercises supporting delivery of the assignments. They are also the primary means to receive individual feedback via work-in-progress reviews. At this level of learning, peer review and commentary is encouraged as a valuable learning tool, both in offering comment on fellow-students' work and in receiving and responding to comment on your own work. It is considered desirable to change and evolve your position throughout the course. Tutorials involve discussion and revision of points of view.
- **Workshop:** It will be held in computer lab and time will be spent on developing the work on assignment material. They are also the primary means to receive individual feedback via work-in-progress reviews. At this level of learning, peer review and commentary is encouraged as a valuable learning tool, both in offering comment on fellow-students' work and in receiving and responding to comment on your own work.
- **Small Group Discovery:** There will be tasks undertaken as part of the 'small group discovery' mode of teaching & learning.

2.7 Course Requirements

In order to accomplish the learning outcomes of this course, the learner is required to

- Attend class lectures
- Participate in class activities
- Read and study assignments
- Solve assigned problem sets
- Complete test, quizzes, homework, etc.
- Complete a comprehensive final exam

If student do not take a final exam, you cannot pass the course.

Personal business, such as travel, employment, family obligations, illness, weddings, graduations, and attendance at public events, is not an official, documented University conflict. The dropped quiz scores are intended to provide you with some flexibility with respect to personal business. If you feel that there are extenuating circumstances that should qualify you for an exception to this policy, you may schedule an appointment with me to discuss the issue in person.

2.8 Assessment

- In-class activities: Students are expected to participate in multiple activities taking place in the classroom or lab.
- Assignment: students are required to prepare assignment on certain cases of studies and present it inside class
- One small design project: to apply theoretical knowledge on a real design project.
- Quiz
- Final exam to assess students' knowledge of the course content.

2.9 Assessment Methods

Activity	Points
1 st Assignment	50
2 nd Assignment	50
3 rd assignment	50
1 st Presentation	50
Pre-Final Presentation	100

Final –Presentation	200
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Class activity:

Class activity will be evaluated frequently during the course by allowing the students to answer short questions at the end of the lecture. These class activities will be worth a total of 50 points, which will be recorded in the grade book on the AUK website.

Examinations: One examination will be given during the semester towards the end of the semester. The exam is a closed-book, closed-notes examination. The time for these exam is 120 minutes. The time of the examinations will be announced at least two weeks prior to the exams. This course has no midterm exams

Assignments: Students are required to prepare two seminars (PowerPoint presentation) during the course. They will be divided into small groups to work together to read, study, analyze and prepare presentations on some case of studies related to different topics through the course. The details of the assignment will be regulated and discussed with student later. All students should participate in presenting their PPT. Late work will be lowered one full letter grade for each class period after the assigned due date. Extenuating circumstances will be considered on an individual basis.

Final course grades will be assigned as follows:

Grade	Points Collected	Percentage	Grade Points	Meaning of Grade
A	450-500	90.00 –100	4.00	Excellent
B ⁺	425-449	85.00-89.99	3.5	Very Good
B	400-424	80.00-84.99	3.00	Very Good
C ⁺	375-399	75.00 -79.99	2.5	Good
C	350-374	70.00-74.99	2.00	Good
D ⁺	325-349	65.00-69.99	1.50	Satisfactory
D	300-324	60.00-64.99	1.00	Pass
F	Less than 300	Less than 60	0.00	Fail
IP			0.0	The course is still in progress
I			0.0	Assigned for incomplete course

2.10 Judicial Statement/Academic Misconduct

Academic misconduct is defined as plagiarism, cheating, fabrication, or facilitating any such act. For

purposes of this section, the following definitions apply:

- (1) Plagiarism: The adoption or reproduction of ideas, words, statements, images, or works of another person as one's own without proper acknowledgement.
- (2) Cheating: Using or attempting to use unauthorized materials, information, or study aids in any academic exercise. The term academic exercise includes all forms of work submitted for credit or hours.
- (3) Fabrication: Unauthorized falsification or invention of any information or citation in an academic exercise.
- (4) Facilitation: Helping or attempting to help another to violate a provision of the institutional code of academic misconduct.

Academic misconduct will result in actions taken as defined by the AUK. In addition to other possible disciplinary sanctions that may be imposed through regular institutional procedures as a result of academic misconduct, the instructor has the right to assign an F or a zero for the work in question or to assign an F for the course. If a student believes he or she has been falsely accused of academic misconduct, and if his or her final grade has been lowered as a result, the student may appeal the case through the appropriate institutional procedures.

2.11 Drop/Withdrawal Policy and Dates

Drop and withdrawal are to be in accordance to AUK policy.

2.12 General conduct in class

The instructor has primary responsibility for control over all classroom behaviour and can direct the temporary removal or exclusion from the classroom of any student engaged in disruptive conduct or conduct which otherwise violates the general rules and regulations of AUK.

2.13 Online Classroom Rules For students:

- The online classes will be held according to the course timetable.
- Students who miss a lecture can watch the recorded session through the team group using their AUK accounts on Microsoft Stream.

Students who are receiving online courses are expected to:

- Have computers with sharable audio and video tools and proper settings.
- Make sure they have installed all of the requested software or digital tools requested by the instructor.
- Make sure they have installed Microsoft Teams application on their computer.
- Make sure they have proper internet connection and your computer is fully charged before joining any online lecture.
- Make sure they are added to the team group of the course they enrolled in.
- Make sure they get all of the notifications sent by the instructor of the course on the Microsoft Teams group.
- Choose a quiet space, free from distractions, to set yourself up for class. Turn off cell phones, TVs, etc. Exit other applications on your computer prior to entering the classroom.
- Dress appropriately. Remember this is still a classroom setting.
- Come to class on time.

- Login using their AUK accounts that shows their names and surnames clearly, and if any student joined any session from unknown accounts will be dismissed from the virtual classroom.
- Not record the screen, unless approved by the course Instructor/s.
- Share their Screens and allow the Instructor to control their screens ethically when requested.
- Make sure to enable both audio and video, and keep their video on for attendance purposes when they enter the online classroom.
- Mute their microphone during the lesson to avoid disturbing the class with any background noise.
- Be respectful.
- Participate. When any student have a question or comment, use the “Raise your Hand” button and wait to be acknowledged by the teacher before unmuting yourself to speak. (One person talks at a time.)
- Use the chat box responsibly. It is meant to facilitate conversation around the lesson topic, not for sideline discussions.
- Leave the classroom by closing the window when the class is over.