



زانکۆی سەلاحەدین - ھەولێر
Salahaddin University-Erbil

Department of Horticulture

College of Agricultural Engineering Sciences

Salahaddin University- Erbil

Subject: Planning and Graphic

Course Book – 4th Stage / Fall Semester

Lecturer's name: Dr. Eng. Land. Arch. Kardo Nooruldeen Kareem

Academic Year: 2023/2024

11. Course objective:

UNDERGRADUATE LEARNING OBJECTIVES

These statements are made operational by skills and abilities common to the theory and practice of **Planning and Graphic** that our undergraduate students are expected to acquire:

- To communicate effectively in graphic, written, and verbal formats.
- Understand the role of presentation graphics in the landscape design process.
- Learn the drafting tools and materials used to draw plan drawings
- Understand the characteristics of line quality & Learn techniques for controlling line quality.
- Learn how to draw the border and title block, and learn how to create a plant list
- Learn to draw trees, shrubs, grass, and human figures in section drawings
- Learn the uses of imaging and plan drawing software in landscape design

Additionally, it is our philosophy that our students be compelled to bring their creative talent to the public landscape. Further, we hope our students will self-actualize through their educational process while being grounded in theory, methods (including field), construction craft, and studio design.

12. Student's obligation

The obligation of the students in this academic course includes attendance in the lectures on time and listening teachers carefully, try as much as possible to read the material and teachers notes daily participate in class activities and prepare the assignments to gain the benefits from the course. However, preparation every week they will do quiz, homework and also encourage all students to participate by giving them questions and giving opportunity to all of them, attendance the exam by studying the materials, make a drawing about gardens and parks and present it for the other students at the class or homework.

13. Forms of teaching

The form of teaching is including use of white board mostly, However, Projector will be used to display my objectives by PowerPoint to present the lecture, and sometimes, give the lecture to the students by Microsoft word for each lecture. Moreover, the other primary materials drawing and the practical part there will be investigation presentations and also discussions that will encourage team work between the students in one hand, and interaction between the lecturer and students in another hand.

14. Assessment scheme

First exam after five lectures

Second exam after ten lectures

Mark distribution:

Monthly exam 50% (Theoretical 15% + Practical 35%).

Final exam 50%

Final mark 100%

15. Student learning outcome:

Demonstrate a fundamental understanding of the fundamental gardening methodologies in **Planning and Graphic**. After finishing this course students will be introduced to the importance

of **Planning and Graphic**. They will be got information about gardening, parks, and ornamental plants, as well as history of gardening, hard landscape, soft landscape. Understanding, interesting and enjoy in the term of landscape gardening.

16. Course Reading List and References:

Abdullwahed, A. (2012). An introduction to planning and design of greenery and general open area in cities (Landscape). Dar Almaarefa Library. Al-Azhar University, Egypt. (in Arabic).

Albatal, N. and Awath, A. A. (2005). Ornamental plant and landscape gardening. Damascus university. College of Agricultural Engineering. Third publication. Damascus. Syria.(in Arabic).

Campbell, Gordon. (2016). A Short History of Gardens. Oxford University Press. United Kingdom. Printed in Great Britain by Bell & Bain Ltd., Glasgow.

Dally, Stephanie. (1993). Ancient Mesopotamian Gardens and the Identification of the Hanging Gardens of Babylon Resolved. Garden History 21: 7. JSTOR 1587050

Fromme, Tres. (2006). Designing great gardens: Defying classification and seeking relevance. Public Garden 21 (1):24-27.

King, Ronald. (1979). Great gardens of the world. London: Peerage books. p.11.

Robertson, I. M. (1989). Botanical Basics. Landscape Architecture, 1: 69-74.

Spence-Jones, R. (2012). 1001 Gardens you must see before you die. Designed and produced by Quintessence, London. UK.

Turner, Tom. (2005). Garden History: Philosophy and Design 2000 BC–2000 AD. Published by Spon Press, Taylor and Francis Group, London and New York.

Ullmann, h.f. (2007). Gardening Encyclopedia. Botanica's Pocket. Over 1000 pages and Over 2000 Plants listed. Printed in China.

Virtudes, Ana. (2016).Benefits of Greenery in Contemporary City. IOP Conf. Series: Earth and Environmental Science 44: 032020.

Waymark, Janet. (2003). Modern Garden Design. Thames and Hudson.

17. The Topics: Theoretical Part	Lecturer's name Dr. Kardo N. Kareem
Introduction Importance Greenery in the City Glossary of Landscaping Terms	2 hours 13/9/2021
History of Gardening Ancient Gardens Gardens in Classical Antiquity The Medieval Garden	2 hours 20/9/2021
The Islamic Garden Renaissance Gardens	2 hours 27/9/2021

Design and Drawing Steps Implementation of the Drawing and Cultivation of Various Plants Symbols and Elements of Visualization	2 hours 4/10/2021
Establishing or Creating Gardens and Parks	2 hours 11/10/2021
Principles of Landscape Design Unity- Symmetric- Balance- Proportion-Simplicity- Variety- Rhythm	2 hours 18/10/2021
First Examination	2 hours 25/10/2021
Design Components of Landscape Natural Components (Soft Landscape)	2 hours 1/11/2021
The Components of Gardens and Parks Design Natural Components (Soft Landscape)	2 hours 8/11/2021
Design Components of Landscape Artificial Components (Hard Landscape)	2 hours 15/11/2021
The Components of Gardens and Parks Design Artificial Components (Hard Landscape)	2 hours 22/11/2021
Maintenance of Parks and Gardens	2 hours 29/11/2021
Home Gardens Villa Gardens	2 hours 6/12/2021
Public Parks	2 hours 13/12/2021
Second Examination	2 hours 20/12/2021
Lighting in Landscape	2 hours 27/12/2021
Irrigation in Landscape	2 hours 3/01/2022
Children Garden & School Garden	2 hours 10/1/2022
Hospital Garden & Roof Garden	2 hours 17/01/2022
18. Practical Topics	Lecturer's name
Principles Engineering Drawing	3 hours
Practical Engineering Drawing	3 hours
How to Draw a circle within a (triangle, quadrangle, pentagon, hexagon, heptagon, octagon,.etc) inside.	

Steps of Home Garden Design	3 hours
Steps of Gardens & Parks Design	
Symbols and Elements of Landscape Design	
Small Yard Landscaping	3 hours 27/10/2020
House and Garden Design	3 hours
First Examination	3 hours
Villa Garden Design	3 hours
Individual Criticism	3 hours
Types of Graphic	3 hours
Public Garden	3 hours
Individual Criticism	3 hours
Park Landscape Design	3 hours
Individual Criticism	3 hours
Second Examination	3 hours
Japanese Garden Design	3 hours
Ottoman Garden	3 hours
Persian Garden	3 hours
English Garden	3 hours
Rock Garden	3 hours

19. Examinations:

1. Compositional: In this type of exam the questions usually starts with Explain how, What are the reasons for...?, Why...?, How....?

Example :

What is the meaning of Hedges? Mention their types? With examples of scientific name?

2. True or false type of exams:

In this type of exam a short sentence about a specific subject will be provided, and then students will comment on the trueness or falseness of this particular sentence.

Examples :

Stones play an important and traditional role in Japanese garden.

True

3. Multiple choices:

In this type of exam there will be a number of phrases next or below a statement, students will match the correct phrase.

Examples :

The typical tree silhouette that has the characteristic of horizontally branching pattern is :-

A- round B-wide- oval C- weeping

20. Extra notes:

Here the lecturer shall write any note or comment that is not covered in this template and he/she wishes to enrich the course book with his/her valuable remarks.

21. Peer review:

This course book has to be reviewed and signed by a peer. The peer approves the contents of your course book by writing few sentences in this section.

(A peer is person who has enough knowledge about the subject you are teaching, he/she has to be a professor, assistant professor, a lecturer or an expert in the field of your subject)..

