



THE FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE

Department of Architecture

ARC 403 - Landscape Theory and Design

COURSE PARTICULARS

Course Code: ARC 403

Course Title: Landscape Theory and Design

No. of Units: 2

Course Duration: One hour of theory and three hours of practical per week for 15 weeks.

Status: Compulsory

Course Email Address:

Course Webpage:

Prerequisite: NIL

COURSE INSTRUCTORS

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COURSE DESCRIPTION

This course explores the theory and practice of landscape design for students in Architecture and Urban and Regional Planning. It also meets the need of students in allied disciplines in the built

environment as a course that treats the design, installation and maintenance of the landscape of the open spaces between buildings and among groups of buildings at all spatial scales from plot to block and neighbourhood. As a theory course, it is intended to impart the history, concepts, components and guidelines on the design of the outdoors of the built environment. As a practical course, it is designed to enhance students' understanding of the constructability of conceptualised outdoor environments for enjoyable human use. Topics to be covered include elements of landscape design; the nature, needs and objectives of landscape planning and design; the relationship between building design and landscape architecture; landscape impact assessment and conservation; garden in history and use of natural elements in landscape design to sensitize the students in designing with nature.

COURSE OBJECTIVES

The objectives of this course are to:

- Develop general appreciation of natural and man-made landscape; and
- Sensitize the students in designing with nature.

COURSE LEARNING OUTCOMES / COMPETENCIES

Upon successful completion of this course, the student will be able to:

(Knowledge based)

- enumerate and discuss the elements of landscape design;
- explain the nature, needs and objectives of landscape planning;
- understand the relationship between building design and landscape architecture;
- discuss garden in history and their design principles;
- relate landscape development and ecology;

(Skills)

- design various types of outdoor spaces for specific human use;
- carry out landscape impact assessment;
- design with nature;
- Formulate design considerations for different land uses, planning, and management.

GRADING SYSTEM FOR THE COURSE

This course will be graded as follows:

Class Attendance	5%
Design Assignments	10%
Landscape Inventories	20%
Test(s)	5%
<u>Final Examination</u>	<u>60%</u>
<u>TOTAL</u>	<u>100%</u>

GENERAL INSTRUCTIONS

Attendance: The regulation of the university on 75% attendance in lectures by students before qualifying for the written examination will be upheld. Therefore, it is expected that every student will be in class for lectures and also participate in all design and field assignments. All cases of illness or any other unavoidable reasons for absence at lectures shall be treated formally. In view of this, students should communicate with at least one of the course lecturers in cases of unavoidable absence at lectures.

Academic Integrity: Violations of academic integrity, including dishonesty in assignments, examinations, or other academic performances are prohibited. You are not allowed to make copies of another person's work and submit it as your own; that is plagiarism. All cases of academic dishonesty will be reported to the University Management for appropriate sanctions in accordance with the guidelines for handling students' misconduct as spelt out in the Students' Handbook.

Assignments and Group Work: Students are expected to submit assignments as scheduled. Failure to submit an assignment as at when due will earn you zero for that assignment. Only under extenuating circumstances, for which a student has notified any of the instructors in advance, will late submission of assignments be permitted.

Code of Conduct in Lecture Rooms and Laboratories: Students should turn off their cell phones during lectures. Students are prohibited from engaging in other activities (such as texting, watching videos, etc.) during lectures. Food and drinks are not permitted in the studios.

READING LIST

- ¹Elizabeth Barlow Rogers(2001) [*Landscape Design: A Cultural and Architectural History*](#)
Harry N. Abrams
- ²Fadamiro, J. A. (1998) Landscape Design and the Environment. Akure: Adeyemo Publishing House.
- ³Fadamiro, J. A. (2010) Landscape Architecture: Dynamics of City Development. Inaugural Lecture Series 58, Delivered at The Federal University of Technology, Akure on Tuesday, 18th May
- ¹Francis, M. [*The Meanings of the Garden*](#) MIT Press Cambridge, MA. 1990.
- ⁴Lecture Materials

Legend

- 1- To be sourced through the University Library
2- Available through one of the Course Lecturers
3- Available in the University Library
4- Available as Personal Collections

COURSE OUTLINE

Week	Topic	Remarks
1	Course Overview	The goal, objectives, contents of the course and students' expectations from the course will be discussed and documented during this first lecture.
2 & 3	Introduction to Landscape Architecture and Definitions <ul style="list-style-type: none"> • Evolution • Significance • Definitions Elements of Landscape Design <ul style="list-style-type: none"> • Colour • Line • Form • Texture • Scale 	Students will be required to demonstrate the application of the elements of landscape design.
4 & 5	The Nature, Needs and Objectives of Landscape Planning Design <ul style="list-style-type: none"> • Types and Forms of Landscapes • Objectives of Landscape Design • Open Spaces and Criteria for Classification 	The lectures will also give insights into the process of landscape transitions.
6	The Relationship Between Building and External Spaces	Exercises will involve documenting designed, existing and landscaped open spaces.
7 & 8	Garden in History <ul style="list-style-type: none"> • Chronological Historical Sketch • Traditional Nigerian Gardens • Classical World Gardens 	Students will be requested to prepare an essay on the history of specific classical world gardens. MID-SEMESTER TEST
9 & 10	Landscape Planning and Design Considerations for Different Land Uses <ul style="list-style-type: none"> • Factors Affecting Landscape Design • Principles of Landscape Design <ul style="list-style-type: none"> Proportion Order Unity Repetition • Elements of Space Organisation • Planning the Landscape • Landscape Design Practice • Management 	Students will be taught on the overall scope of landscape business.
11 & 12	Landscape Development and Ecology; Landscape Impact Assessment and Conservation <ul style="list-style-type: none"> • Environmental Conservation • Landscape Assessment 	Students will be divided into groups and given Assignments on Landscape Assessments as field works.
13 & 14	The Use of Natural Elements, Structural Materials	Emphases will be laid on the

	<p>and Enrichment Items in Landscape Design</p> <ul style="list-style-type: none"> • Plant Materials • Natural Enrichment Items • Structural Materials 	<p>selection of appropriate mixes of the materials to achieve various and specific purposes.</p>
15	REVISION	<p>This is the week preceding the final examination. At this time, evaluation will be done to assess how far the students' expectations for the course have been met.</p>