



# THE FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE

## *Department of Architecture*

### ARC 413 – Behavioural Architecture

#### COURSE PARTICULARS

**Course Code:** ARC 413

**Course Title:** Behavioural Architecture

**No. of Units:** 2

**Course Duration:** Two hours of theory per week for 14 weeks.

**Status:** Compulsory

**Course Email Address:**

**Course Webpage:**

**Prerequisite:** NIL

#### COURSE INSTRUCTORS

**Arc. (Mrs) A. O. Ajenifujah-Abubakar**

*Room 030, SET Building,*

*Dept. of Architecture,*

*Federal University of Technology, Akure, Nigeria.*

**Phone:** +2348034707585

**Email:** aoaabubakar@futa.edu.ng

and

**Arc. A. A. Fakere (MNIA)**

*Room 029, SET Building,*

*Dept. of Architecture,*

*Federal University of Technology, Akure, Nigeria.*

**Phone:** +2348035019352

**Email:** aafakere@futa.edu.ng

and

**Arc. D. E. Attoye**

*Room 101, SET Building,*

*Dept. of Architecture,*

*Federal University of Technology, Akure, Nigeria.*

**Phone:** +2347052755008

**Email:** deattoye@futa.edu.ng

#### COURSE DESCRIPTION

This course is about the investigation of behavioural models that have been applied to design by other disciplines such as anthropology, psychology and sociology. Using photographic and drawing tools, elements and setting offer support for human activity and behaviour through cultural interpretation.

## COURSE OBJECTIVES

The objectives of this course are to:

- Provide a comprehensive understanding of the integral aspects of behavioural architecture in the Nigerian community;
- Enhance information gathering skills as well as design applications involving site inventory and analysis related to development;
- Identify city evolution, design and development vis-à-vis effects/impacts on the environmental sustainability as seen at places visited.

## COURSE LEARNING OUTCOMES / COMPETENCIES

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

*(Knowledge based)*

- Understand the nature and principles of environment-behaviour transactions and the implications for design solutions;

*(Skills)*

- Present seminars in the areas of behavioural architecture;
- Identify problems and proffer solutions where necessary in the subject area.

## GRADING SYSTEM FOR THE COURSE

This course will be graded as follows:

Class Attendance	5%
Assignments	15%
Test(s)	20%
<u>Final Examination</u>	<u>60%</u>
<b><u>TOTAL</u></b>	<b><u>100%</u></b>

## GENERAL INSTRUCTIONS

**Attendance:** It is expected that every student will be in class for lectures and also participate in all seminars and practical exercises. Attendance records will be kept and used to determine each person's qualification to sit for the final examination. In case of illness or other unavoidable cause of absence, the student must communicate as soon as possible with any of the instructors, indicating the reason for the absence.

**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 Studios:** 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 lecture rooms and studios.

## READING LIST

<sup>4</sup>Fadamiro, J. A. (2005). *Behavioural Architecture*. Adeyemo Publishing House, Akure, Nigeria.

### **Legend**

- 1- Available in the University Library
- 2- Available in Departmental/School Libraries
- 3- Available on the Internet.
- 4- Available as Personal Collection
- 5- Available in local bookshops.

## COURSE OUTLINE

Week	Topic	Remarks
1	BEHAVIOURAL SCIENCES & DESIGN: Introduction to Anthropometrics & Ergonomics, the Nigerian perspective	During this first class, the expectation of the students from the course will also be documented.
2&3	THE HUMAN DIMENSION: Fundamental Processes of human behaviour & the built environment.	
4	THE ENVIRONMENTAL DIMENSION: Nature of the Nigerian Environment (Excursion)	
5&6	THE BEHAVIOURAL DIMENSION: The behaviour setting	
7	SEMINAR PRESENTATION/TESTS	
8	THE SOCIAL DIMENSION: Niche carving, privacy and territoriality, social interaction and the built environment (Excursion)	
9	THE COMMUNAL DIMENSION: The place of social organisation in the built environment	
10	VALUES IN ARCHITECTURE: Formal & symbolic Aesthetics	
11	VALUES IN ARCHITECTURE: Understanding normative theories of environmental design	
12-14	SEMINAR PRESENTATIONS	All students are required to participate and contribute to the seminar presentations.
13	TESTS	
14	REVISION	