



THE FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE

Department of Architecture

ARC 303–Visual Design Workshop

COURSE PARTICULARS

Course Code: ARC 303

Course Title: Visual Design Workshop

No. of Units: 2

Course Duration: One hour of theory and three hours of practical classes per week for 14 weeks.

Status: Compulsory

Course Email Address: visualdesignarc303@gmail.com

Course Webpage:

Prerequisite: NIL

COURSE INSTRUCTORS

Arc. T. A. Falaye

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COURSE DESCRIPTION

This course is designed to increase the students' capacity to visualise and communicate in several graphic media and also to increase the sensitivity to form, texture, structure, space and colour. As a practical course, the focus is to impart useful skills on the students in order to enhance their visual literacy level and prepare them for other specialised applications of their design from two dimensions to three dimensions. Topics to be covered include computer aided design and their functions and relevance to drawing and model productions in architecture.

COURSE OBJECTIVES

The objectives of this course are to:

- introduce students to the use of two and three dimensional drawings in architecture; and
- provide students with opportunities to develop basic modelling skills.
- improve on the graphic standards of students' drawing ability in order to achieve outstanding aesthetics.

COURSE LEARNING OUTCOMES / COMPETENCIES

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

(Knowledge based)

- explain visual literacy, and understand the relationship between two and three dimensional drawings;
- classify and explain the function of different models;
- understand purpose and functions of various modelling instruments;

(Skills)

- use a two dimensional drawing to:
 - produce three dimensional drawings;
 - produce a site model;
 - produce presentation model;
- use hand lettering as a design component
- prepare good slides for presentation using Microsoft PowerPoint; and
- conduct literature search on the Internet.

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>
<u>TOTAL</u>	<u>100%</u>

GENERAL INSTRUCTIONS

Attendance: It is expected that every student will be in class for lectures and also participate in all 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 studios during lectures.

READING LIST

¹Falaye, T.A., Olabintan, O.D, Ayeni, D.A. & Adegbie, M.O. (2010). Architectural Graphics

¹Ayeni, D.A. & Aderibigbe, O. O.(2008). *AUTOCAD & Architecture: a serialised approach to AUTOCAD*. Published by Soloj Resources, Lagos.

Legend

1- Available in personal collection

COURSE OUTLINE

Week	Topic	Remarks
1	Introduction and Course Overview Review of History of Visual Literacy	During this first class, the expectation of the students from the course will also be documented.
2 & 3	Exploring Visual Literacy(Part 1) <ul style="list-style-type: none"> • Freehand Drawing 	Practical exercise will involve opening still life drawings and self portraits
4 & 5	Exploring Visual Literacy (Part 2) <ul style="list-style-type: none"> • Two dimensional drawing • Three dimensional drawing 	When learning about these, students will be taught on the various views involved in producing both two and three dimensional drawings.
6 &7	Application of two and three dimensional drawings	First set of individual assignments will be given.
8	Introduction to graphical lettering styles	Students will be requested to prepare a well copied rendition from various styles as assignment. MID-SEMESTER ASSIGNMENT
9 & 10	Introduction to modelling <ul style="list-style-type: none"> • Basic modelling materials • Model-making Adhesives • Making a rough model • Making a site model 	Students will be taught what to look out for when buying quality materials. A site model will be produced
11&12	Model as graphic aid in Computer Aided Design (CAD) and production of presentation drawings using Microsoft Power Point.	Students will be taught in groups and a seminar report will be produced.
13 & 14	Applications of CAD in producing three dimensional presentation models.	Students will produce CAD rendered three dimensional presentation models.
15	REVISION	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.