



# THE FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE

## *Department of Architecture*

### ARC 103 – Freehand Sketching I

#### COURSE PARTICULARS

**Course Code:** ARC 103

**Course Title:** Freehand Sketching I

**No. of Units:** 2

**Course Duration:** Six hours of practicals per week for 15 weeks.

**Status:** Compulsory

**Course Email Address:**

**Course Webpage:**

**Prerequisite:**

#### COURSE INSTRUCTORS

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#### COURSE DESCRIPTION

This course is mainly a practical oriented course. It is an introduction to freehand sketching. It provides a basis for which students can develop their graphic communication in architecture by expressing themselves using pencils and markers etc on paper or any other suitable media. It takes steps towards introducing the students to line drawings, sketches of assembled objects within the studio, sketches of human figures, cars, trees and a combination of all these, rapid sketches of objects, buildings, and buildings entourage, and also introduction to simple floor

plans. As a practical course, the focus is to impart useful skills on the students in order to enhance their drawing abilities using freehand techniques (i.e. without the aid of mechanical drawing instruments) and prepare them for architectural design -a studio base course in higher levels. Topics to be covered include Line exercises, sketching assembled objects, cars, trees and people around buildings. Rapid sketches of assembled objects, buildings and entourage to such buildings and image transfer in black and white media among others.

## **COURSE OBJECTIVES**

The objectives of this course are to:

- Improve students ability to draw using their hand and also enhance their graphic communication using different media; and
- Prepare students for architectural graphics and design in higher levels.

## **COURSE LEARNING OUTCOMES / COMPETENCIES**

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

*(Skills)*

- draw with ease any object placed before him/her (without the use of rulers, T-squares, set squares etc);
- attempt rapid or quick sketches with minimal mistakes;
- draw various forms, from natural landscapes and human figures;
- draw human activities and postures;
- attempt using any wet media for graphic communication.

## **GRADING SYSTEM FOR THE COURSE**

This course will be graded as follows:

Class Attendance	5%
Assignments	35%
Studio work	60%
<u>Final Examination</u>	<u>0%</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 practical exercises. Since the course is practical/studio based, the students' prompt and regular attendance is key to success in the assessment process. 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 and with proof.

**Academic Integrity:** Violations of academic integrity, including dishonesty in assignments, or other academic performances are prohibited. Students are not allowed to make copies of another person's work and submit as theirs; 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:** Students are expected to submit assignments as scheduled. Failure to submit an assignment as at when due will earn such student zero for that particular 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:** Since the course is studio based, students are expected to attend all lectures preceding a practical class (whether in an enclosed studio or outside in an open space) and must all come along with their sketch pads and drawing materials at all times. 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 and practicals period. Food and drinks are not permitted during any of the sessions.

## READING LIST

<sup>2</sup> Grau III P. A et al (2004). *Architectural drawing and light construction*. Eight Edition. Pearson Prentice Hall Publishers, New Jersey, USA.

<sup>4</sup> Uji Z. A (1994). *Philosophy of the Creative Process in Architecture*. Published by Zuruck Nigeria Limited, Jos, Nigeria.

<sup>4</sup> Osasona C. O. And Onabanjo B. O. (2004). *An introduction to Graphics Communication-A beginners Manual*. Ibadan; Book Builders.

### Legend

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

## COURSE OUTLINE

Week	Topic	Remarks
1	Line exercises: Horizontal, vertical, diagonal lines. Combination of lines, free forms	During this first class, it is expected that the lecturer will introduce the topic before students begin the practical work.
2 & 3	Sketching of simple objects within the studio.	Pencils are used on paper using freehand skills to introduce students to the basics of observation
4 & 5	Rapid sketch of assembled objects outside the studio/classroom.	Rapid sketch exercises are meant to establish a relationship between the students' eyes and hands through careful observation however with speed in mind.
6 & 7	Sketches of human postures	Students are encouraged not to limit their practice to class periods alone but to continue working on themselves at leisure periods.
8 & 9	<ul style="list-style-type: none"> <li>i. Sketches of cars, trees and people separately.</li> <li>ii. Combined sketches of cars trees and people around buildings</li> </ul>	
10 & 11	Rapid sketch of Building on Campus.	
12 & 13	Drawing of a plan, 2 sections and elevations of a room in students' hostel	
14	Sketching and framing of a selected building on campus using the method of transfer of image from a picture to an A3 size paper using the grid method of Image transfer in black and white media.	Transfer of image from picture(s) into a secondary surface with emphasis on accuracy of contents, similarity tonal value and proportionality.
15	REVISION	This is the week preceding examinations. At this time, students' works will be evaluated to ascertain their performance and how far the objectives of the course have been met.