

FEDERAL UNIVERSITY OF TECHNOLOGY MINNA

SCHOOL OF ENVIRONMENTAL TECHNOLOGY

DEPARTMENT OF ARCHITECTURE

SECOND SEMESTER EXAMINATION

2018/2019 SESSION

Course: Architecture for the Built Environment II

Course Code: Arc.220

Course Status: Non Examinable

Department served: URP

Name of Lecturer: Umar Ibrahim Adamu

Head of Department: Dr. Philip Ayuba

By the end of this course students are expected to be able to produce plans, sections, and elevation of simple Residential Buildings.

Class Assessment

Task 1

Class Works

The class was instructed to draw the floor plans of one bedroom apartment.

The drawings were presented on well paneled A3 paper in the scale 1:50.

This task carries **5 marks**

Task 2

Class Work

The students reproduced the drawing of the floor plans they drew the previous week but this time they were instructed to the corrections made in class after the assessment of the first class work.

The drawings were presented on A3 paper in scale **1:50**.

This task carries **10 marks**.

Task 3

Assignment

Students were instructed to produce the roof plan, section and of the previously submitted floor plans at home, the drawing where submitted the following week. Drawing to be presented on A3 papers in the scale **1:50**

This task carries **5 marks**.

Task 4

Class work

Students were instructed to produce the roof plan, section and of the previously submitted floor plans in class, the drawing where submitted in after the class. Drawing to be presented on A3 papers in the scale 1:50

This task carries **10 marks**.

Task 5

Class Work

The students were instructed to produce the elevations of the for the design submitted the previous week in class

Drawings where presented on A3 paper using scale **1:50**.

This task carries **5 marks**.

Task 6

Assignment

The students were instructed to produce the floor plan of a two bedroom semi-detached flats **1:100**.

This task carries **5 marks**

Task 7

Final Assignment

The students' were instructed to produce a complete design of a two bedroom semi-detached apartments consisting of three flats in one block. The following are the design requirements for each apartment;

- Entrance porch
- Living room
- Dining room
- Kitchen
- Bedroom
- 2Toilets

Design Considerations

All living spaces must be cross ventilated, spaces must be of minimum standard in dimensions, and the spaces must have good lighting.

All required furniture must be shown using furniture template. The drawings are to be presented on stapled A3 paper with a well paneled cover page. The submission is in an A3 portfolio along with all previous works. The scale is **1:100** and this task carries **60 marks**.

Note: All drawings presented were assessed and extensively corrected in class before the next task is given.

The totality of tasks 1-7 adds up to **100%**.