



TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ARCHITECTURE & BUILT ENVIRONMENT

UNIVERSITY EXAMINATION FOR:
BACHELOR OF ARCHITECTURAL STUDIES/BACHELOR OF
ARCHITECTURE

**EAR 4502: ENVIRONMENTAL AUDIT AND IMPACT
ASSESSMENT**

SPECIAL & SUPPLEMENTARY EXAMINATION

YEAR FIVE SEMESTER I

SERIES: NOV 2025

TIME: 2 HOURS

DATE: ~~Pick Date~~ NOV 2025

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

Mobile phones are not allowed in the examination room.

QUESTION ONE (30 MARKS)-COMPULSORY

- a) Explain the **THREE** ways of ensuring EIA System Effectiveness. (6 marks)
- b) Describe any **FOUR** EIA monitoring techniques. (8 marks)
- c) Explain the environmental criteria for case-by- case screening in EIA. (10 marks)
- d) Briefly explain the causes of social impacts. (6 marks)

QUESTION TWO (20 MARKS)

Discuss any **FOUR** methods of environmental impact analysis. (20 marks)

QUESTION THREE (20 MARKS)

Using a suitable example of a project, explain the factors affecting the effectiveness of public involvement. (20 marks)

QUESTION FOUR (20 MARKS)

Explain the long-term and short-term objectives of undertaking Environmental Impact Assessment and Environmental Audit. (20 marks)

QUESTION FIVE (20 MARKS)

The class has been approached by Mombasa County Government to undertake scoping for the proposed urban renewal project. Explain the steps in scoping process. (20 marks)