



# THE FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE

## Department of Applied Geology

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### AGY 510- Special Topics and Case Histories

#### COURSE PARTICULARS

**Course Code:** AGY 510  
**Course Title:** Special Topics and Case Histories  
**No. of Units:** 1  
**Course Duration:** 1 Semester  
**Status:** Compulsory  
**Course Email Address:**  
**Course Webpage:**  
**Prerequisite:** 100-400 Level AGY courses

#### COURSE INSTRUCTORS

*All Lecturers  
Dept. of Applied Geology,  
Federal University of Technology, Akure, Nigeria*

#### COURSE DESCRIPTION

This course involves a review of data or any subject in any area of geology and presentation of a seminar on this.

#### COURSE OBJECTIVES

The objectives of this course are to:

- train students in the art of literature review and seminar presentation.

#### COURSE LEARNING OUTCOMES / COMPETENCIES

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

*(Knowledge based)*

- understand the methods of geological literature review
- learn the techniques of seminar presentation

#### GRADING SYSTEM FOR THE COURSE

This course will be graded as follows:

Seminar report- 50%

Seminar presentation-50%

Total- 100%

## GENERAL INSTRUCTIONS

**Academic Integrity:** Academic integrity is expected to be maintained as any dishonesty will be sanctioned in accordance with the provisions in the Students' Handbook.

## COURSE OUTLINE

Month	Topic	Remarks
1-3	Literature and data review on assigned subject/topic	Topic to be determined in consultation with the assigned supervisor

9&10	Modern plate tectonics	The nature, geometry and mechanism of plate tectonics will be discussed.
11&12	Plate tectonics and mineral deposits	The distribution and association of mineral deposits with various plate settings will be examined.
13&14	Environmental impacts of crustal evolution	.
15	REVISION	This is the week before the final examination..