



THE FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE

Department of physics

PHY406 – Student Report and Seminar Presentation

COURSE PARTICULARS

Course Code: PHY 406

Course Title: Industrial Training Site Supervisor's Assessment

No. of Units: 4

Course Duration: Six months.

Status: Compulsory

Course Email Address: phy406@gmail.com

Course Webpage: <http://www.phy.futa.edu.ng/courseschedule.php?coursecode=PHY%406>

Prerequisite: A student must have spent six semesters in the University

COURSE INSTRUCTORS

All institution-based supervisors in the Department of Physics

COURSE DESCRIPTION

The Students are expected to give a technical report of the SIWES. It should include the name of the industry, description of the company and it must include acknowledgement. The report should specify the work the student carried out. It is to be awarded by the student's department.

COURSE OBJECTIVES

Specifically, the objectives of SIWES are to:

- Provide an avenue for students in the Nigerian Universities to acquire industrial skills and experience in their course of study.
- Prepare students for the work situation they are likely to meet after graduation.
- Expose students to work methods and techniques in handling and machinery that may not be available in the universities.
- Make the transition from the university to the world of work easier, and thus enhance students' contacts for later job placement
- Provide students with an opportunity to apply their theoretical knowledge in real work situation, thereby bridging the gap between university work and actual practice; and
- Enlist and strengthen employers' involvement in the entire educational process of preparing university graduates for employment in industry.

COURSE LEARNING OUTCOMES / COMPETENCIES

Students in this course will:

(Knowledge based)

- Gain an understanding of the work methods and techniques in handling and machinery that may not be available in the universities.

- Be able to apply their theoretical knowledge in real work situation.

(Skills)

- Learn a process for critical thinking, and apply it to evaluate real work situations.

This course will be graded as follows:

The student on SIWES will be assessed by institution-based supervisors upon giving a seminar on their reports.

GENERAL INSTRUCTIONS

Attendance: It is expected that every student come to class ON time. No or limit all discussions to the physics topic under discussion. Attendance records will be kept and used to determine each person's qualification to sit for the final examination. The university recognises that a student may miss a class for legitimate reasons. In such cases, the absences are excusable; however, student must communicate as soon as possible with the course lecturer, indicating the reason(s) 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 by 4.30 p.m. on the due date. Failure to submit an assignment, as at when due, will earn you zero for that assignment. All assignment should be done on A4, plain or rule papers of the same size. Be sure that you can do the assignments by yourself. If you need help with your assignment, you can please visit me with proof that you have tried the problems (along with your note book). Only under extenuating circumstances, for which a student has notified the lecturer-in-charge in advance, will late submission of assignments be accepted. **THERE ARE NO MAKEUPS FOR ANYTHING!** No exams, no quizzes, no assignments.

Code of Conduct in Lecture Rooms and Laboratories: All electronic devices are banned during lectures. This includes all cell phones, pagers, radios and other disruptive devices 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 class.

COURSE OUTLINE

Week	JOB DESCRIPTION
1-2	Introduction to company rules/familiarisation
3-5	Introduction to routine equipment and their uses/existing computer programme
6-7	Introduction to safety rules/method of data collection
8-12	Full participation in the operations of the industry
13-20	Full participation in the operations of the industry/design of new equipment/writing computer programmes/analysis
21-24	Full participation in the operations of the

industry/testing design/analysis of data
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