ELE2301 INDUSTRIAL TRAINING

Hours per Semester				Weighted Total Mark	Weighted Exam Mark	Weighted Continuous Assessment Mark	Credit Units
LH	PH	TH	CH	WTM	WEM	WCM	CU
0	0	180	45	100	60	40	3

Rationale

The course enables students to experience what happens in industry by allowing them to work alongside practicing engineers on the design, operation and handling of equipment.

Course Objectives

- Expose students to practical aspects of engineering and construction activities
- Provide an opportunity to students to relate the knowledge obtained during lectures to actual field operations
- Create an understanding of the roles played by different project personnel during project execution
- Enable students learn how to work in a team (casual workers, technicians, engineers, etc).
- Teach students different engineering ethics necessary for career building
- Enhance problem solving capacity of the students using available appropriate technology and surrounding conditions
- Enable students to have a hands-on with tools and equipment not readily available in the University laboratories and are of great importance in the engineering field.
- Enable students appreciate various challenges faced in the field and critical areas necessitating further research studies.
- To give students an appreciation of engineering practice and introduce them to engineerin decision making in an industrial environment.

Detailed Course Content:

The student is required to participate in the day-to-day activities at the organization's premises as a regular worker. This activity lasts at least eight (8) weeks starting immediately after the end of examination of Semester II of the second year of study.

Learning Outcomes

At the end of this course, a student should be able to:

- identify and describe the major activities of the sections where he/she was attached
- describe the technical aspects of the training that was undertaken

- identify technical areas of improvement of the sections where he/she was attached
- write a clear and understandable technical report

Mode of teaching/delivery

The student will be attached to an organization. During this period, training is provided by the organization's personnel. The activity is closely supervised by a senior member of the organization as the industry supervisor. A member of the academic staff of the department is assigned to visit the organization at least two times and monitor the progress of the attachment. The student keeps a daily log of the activities which is reviewed weekly by the industry supervisor and academic supervisor during the visits.

Mode of Assessment

This shall be by the performance of the student in the organization (industry supervisor assessment) and a report written by the student (Academic Supervisor assessment) after the training. The combined assessment will be out of 100%.

Proposed Staff

All Academic staff