

COURSE COMPACT

Course

Course code: ABE 4

Course title FARM TRANSPORTATION (3 UNITS)

Course status: COMPULSORY

Course Duration

Four hours for 15 weeks (60hours)

Lecturer Data

Name of the lecturer: DR. A. A. OKUNOLA & ENGR.T. ADEKANYE

Qualifications obtained: BSc, MSc, MBA, Ph.D, Regd Engr COREN

Department: AGRIC. & BIOSYSTEMS ENGINEERING

Faculty: SCIENCE AND ENGINEERING

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Office Location: Room A302, Third Floor, First College Building

Consultation Hours: Tuesdays 4pm- 6pm, .

Course Content - :

Course Description - Illustration below:

Course Justification

In Africa, there is always a limit to agricultural productivity to meet the ever increasing demand for food

Course objectives

Course Requirement - Illustration below:

Method of Grading- An example below

S/N Grading Score (%)

1. Test 10
2. Assignment 5
3. Practical (laboratory work) 15
4. Final Examination 70

Total 100

Course Delivery Strategies - Illustration below:

Lecturing method complimented with workshop practical's. Power point presentation were incorporated for some relevant data and other technical information were disseminated through hand outs Students were sometimes grouped to carry the assignment on the workshop ..

LECTURE CONTENT

For this section- the lecturer provides the topic of each week, objectives, description, study question and other information posted below.

Ø Week 1: General introduction

Ø Objectives (list the objectives)

The students at the end of the lectures for the week should be able to

- i. Know general & specific objectives of the course

- ii. Familiarize with the overview of the course

Ø Description

First hour: White board presentation of the objective of the course i.e. to help student develop awareness on the course .

Second hour: Class Discussion on general need of farm transportation

Ø Study Question: This section entails study question for the week lecture.

Ø Reading List - Books and materials students can read. Illustration below:

Week 2

Ø Objectives (list the objectives)

The students at the end of the lectures for the week should be able to

- i. Familiarise students with category of road users
- ii. Acquaint the students with responsibility of drivers to road users
- iii. Identify sources of farm road and highway accidents

Ø Description

First hour :Verbal exposition and white board presentation on category of road user sand responsibility of drivers.

Second hour: Class discussion on causes of road accidents and their prevention

Ø Reading List - Books and materials students can read. Illustration below: Information sheets on insecticides and its application.

Week 3 Speed limits, stopping distances and traffic lights

Ø Objectives (list the objectives)

The students at the end of the lectures for the week should be able to

- i. Recognise the various speed limits and stopping distance on roads
- ii. Acquaint with the use of traffic lights

Ø Description

First hour: Introduction of various types of roads and their speed limits and white board presentation for speed limits and stopping distance of moving vehicles.

Second hour: Verbal exposition and white board presentation on the traffic lights and their meaning i.e. Red, Amber, Green and combination of colours.

Ø Reading List - Books and materials students can read. Illustration below:

Week 4Traffic Regulations and types of roads.

Ø Objectives (list the objectives)

The students at the end of the lecture for the week should be able to

- i. Identify the various traffic regulations and their requirement for safe driving
- ii. Familiarize withTtpes of roads

Ø Description

First hour: Pictorial presentation of the various traffic signs, i.e. prohibitory, informative and mandatory signs

Second hour: Verbal exposition on the various types of roads i.e. Single lane, dual carriage lane, express way and untarred farm roads

Ø **Reading List - Books and materials students can read. Illustration below**

Week 5:

Ø **Objectives (list the objectives)**

The students at the end of the lectures for the week should be able to

- i. Identify

Ø **Description**

First hour:

Second hour: demonstration on use of Hand saws

Ø **Study Assignment:**

Week 6 Welding operations

Ø **Objectives (list the objectives)**

The students at the end of the lectures for the week should be able to

Week 14 Revision on the course and test questions

Ø **Objectives (list the objectives)**

The students at the end of the lectures for the week should be able to

- i. To have a thorough understanding of the course

Week 15 Terminal Examination

Objectives:

To examine the students on all that has been taught during the semester.

Reading List:

List of reference materials

5. Course handouts