



# COURSE COMPACT

2016/2017 Academic Session.

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**COLLEGE:** *College of Science and Engineering*

**DEPARTMENT:** *Agricultural and Biosystems Engineering*

**PROGRAMME:** *Agricultural and Biosystems Engineering*

**COURSE COMPACT for:** *Special Problems in Agricultural and Biosystems*

## Course

Course code: *ABE 524*

Course title: *Special Problems in Agricultural and Biosystems*

Credit unit: **2 Credits**

Course status: **Compulsary**

## Lecturer's Data

Name of the lecturer: *Engr. Prof. Zinash Delebo Osunde*

Qualifications obtained: *MSc. Ph.D*

Department: *Department of Agricultural and Biosystems Engineering*

College: *College of Science and Engineering*

E-mail: [osunde.zinash@lmu.edu.ng](mailto:osunde.zinash@lmu.edu.ng)

Office Location: *Office A226 New College Building*

Consultation Hours: *Monday, Wednesday and Thursday 10 am – 12 noon*

## INTRODUCTION TO THE COURSE

**Course Description** – *This is a course designed to introduce students to do personal research into given topics and present their finding in form of a seminar. Students with the lecturers identify problems in various areas of Agricultural and Biosystems Engineering and prepare seminar papers for presentation*

**Course Justification** – *over the years the students were given lectures and evaluated based on their ability to answer questions from the lecture and related topics. However, it is also important for the students to do personal research in special problems in Agricultural Engineering and make an oral and written presentation. The course will help students on how to identify problems in their surrounding and also proffer solution after consulting various information channels available to them. This also will help the students in writing and presenting their final year projects.*

**Course Objectives-** *At the end of this course, students should be able to:*

- (i) *Students will discuss their final year project and the problem they are trying to solve.*
- (ii) *Identify problems related to Agricultural and Biosystems Engineering*
- (iii) *Do personal research on identified topics and present their findings in writing*
- (iv) *Students should be able to do oral presentation of their findings*
- (v) *Students will be given an opportunity to visit the cassava processing and feed production unit of the university and write report of their visit and their findings from the visit.*
- (vi) *Make an oral presentation of their findings*
- (vii) *Presentation of seminar with the use of audiovisual aids*
- (viii) *Presentation of seminar with the use of audiovisual aids*
- (ix) *Be able to ask questions and respond to questions thrown to them*

**Course Content –:**

Independent study within the context of the students’ chosen option bordering on the application of appropriate technology for solving specific problems Agricultural and Biosystems Engineering.

**Course Expectations:** *None*

S/N	GRADING	SCORE (%)
1.	<b>Continuous Assessments</b> <ul style="list-style-type: none"><li>• C.AI</li><li>• C.AII (Mid-Semester Test)</li><li>• C.AIII</li></ul>	7% 15% 8%
2.	<b>Seminar 1</b> <b>Seminar 2</b>	35% 35%
3.	<b>Total</b>	<b>100</b>

**Course Delivery Strategies:** *Lecture, oral presentation, group and individual work, field work/excursion,*

**Course Duration**

*Two hours per week for 15 weeks (30 hours)*

**Course Requirement –:**

none

