



THE FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE

Department of Forestry and Wood Technology

FWT 423 – Multiple land use

COURSE PARTICULARS

Course Code: FWT 423

Course Title: Multiple land use

No. of Units: 2

Course Duration: Two hours of Theory per week for 15 weeks.

Status: Compulsory

Course Email Address:

Course Webpage: <http://www.fwt.futa.edu.ng/courseschedule.php?coursecode=FWT%20423>

Prerequisite: NIL

COURSE INSTRUCTORS

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COURSE DESCRIPTION

This course is designed to broaden students' knowledge about multiple land use, definition or meaning of the following basic concepts – land, land unit, land use, land utilization types, land use requirements, land characteristics, land use limitation and land quality. Students are also expected to know the meaning of land evaluation,, Land use planning, established methods of land use planning, forest laws, land tenure, land use pattern and factors influencing land use pattern.

COURSE OBJECTIVES

The objectives of this course are to:

- enable students have a good understanding of the meaning, and importance of multiple land use
- enable students understand the meaning of the basic concepts of land – e.g. land unit, land use, land utilization type, land characteristics, land quality, land use limitation
- enable students have a good understanding of the meaning of land use planning, conditions that bring about the need for land use planning, functions of land use planning and established methods of land use planning.
- ensure students have a good understanding of land evaluation as well as outputs from a programme of land evaluation.
- enable students have a good understanding of the meaning of land use pattern and factors affecting land use pattern.

COURSE LEARNING OUTCOMES / COMPETENCIES

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

(Knowledge based)

- understand the meaning and importance of multiple land use;
- understand the relevance of the basic concepts of land to land use evaluation and multiple land use;
- understand the meaning of land use planning, conditions that bring about the need for land use planning, functions of land use planning and established methods of land use planning.
- Understand the meaning of land evaluation as well as outputs from a programme of land evaluation;
- understand the meaning of land use pattern and factors affecting land use pattern.;

(Skills)

GRADING SYSTEM FOR THE COURSE

This course will be graded as follows:

Class Attendance	10%
Assignment	10%
Test(s)	20%
<u>Final Examination</u>	<u>60%</u>
<u>TOTAL</u>	<u>100%</u>

GENERAL INSTRUCTIONS

Attendance: It is expected that every student will be in class for lectures. Attendance records will be kept and used to determine each person's qualification to sit for the final examination. At least 60% attendance is necessary to enable a student sit for the final examination. In case of illness or other unavoidable cause of absence, the student must communicate as soon as possible to the instructor, indicating the reason 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 as scheduled. Failure to submit an assignment as at when due will earn you zero for that assignment. Only under extenuating circumstances, for which a student has notified the instructor in advance, will late submission of assignments be permitted.

Code of Conduct in Lecture Rooms and Laboratories: Students should turn off their cell phones during lectures. Students are prohibited from engaging in other activities (such as texting, watching videos, etc.) during lectures. Food and drinks are not permitted when lecture is going on.

READING LIST

¹Dent, D. and Young, A. (1981). *Soil Survey and Land Evaluation*. George Allen and Inwin publishers Ltd. 40 Museum Street, London. 278p.

¹ Pierl, C.; Dusmanski, J.; Hamblin, A, and Young, A. (1995). *Land Capability for Agriculture - Evaluation*. The World Bank. Washington, D. C. 63 pp.

Legend

1- Available in the University Library

COURSE OUTLINE

Week	Topic	Remarks
1	General introduction about the importance of land and the need for multiple land use.	Students are expected to have a broadened knowledge about the importance of the basic resource – land and the need for multiple land use.
2 & 3	<ul style="list-style-type: none"> • Definitions of basics land concepts • Distinctive features of forest land use 	Students will be taught the meanings of the basic concepts of land, what distinguishes forest land use from other types of land use. Students will also be taught about multiple use forestry and the characteristics of tree species suitable for fuel wood production.
4 & 5	<ul style="list-style-type: none"> • Multiple use forestry • Characteristics of tree species suitable for fuel wood plantation 	The students will be taught the meaning of multiple use forestry and the characteristics of tree species suitable for fuel wood production.
6	<ul style="list-style-type: none"> • Forest laws • Land tenure 	Students must know the various forest laws and the common land tenure that exists in the country particularly in the rural area.
7 & 8	<ul style="list-style-type: none"> • Land evaluation • Planning land evaluation • Outputs of land evaluation 	Students will be taught the meaning and the importance of land evaluation and how to plan and carry out land evaluation. They will also be taught outputs to expect from land evaluation.
MID-SEMESTER TEST		
9 & 10	<ul style="list-style-type: none"> • Land use planning • Established methods of land use planning 	Students should know the meaning of land use planning, the functions of land use planning and the conditions that bring about the need for land use planning.
11 & 12	<ul style="list-style-type: none"> • Land capability classification • Land improvement methods 	Student should have a good understanding of the different methods of land capability classification. They will also be taught about the various land improvement methods.
13 & 14	<ul style="list-style-type: none"> • Land use pattern • Importance of land use pattern • Factors influencing land use pattern 	Students will be taught the definition of land use patter, the importance of land use pattern and the various factors that influence

		land use pattern in Nigeria.
15	REVISION	This is the week preceding the final examination. At this time, evaluation will be done to assess how far the students' expectations for the course have been met.