



THE FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE

Department of Urban and Regional Planning

URP 501 – Applied Urban and Regional Planning 1

COURSE PARTICULARS

Course Code: URP 501

Course Title: Applied Urban and Regional Planning 1

No. of Units: 3

Course Duration: One hour of theory, one hour of tutorial and three hours of practical per week for 15 weeks.

Status: Compulsory

Course Email Address: urp501@gmail.com

Course Webpage: <http://www.urp.futa.edu.ng/courseschedule.php?coursecode=URP%20501>

Prerequisite: NIL

COURSE INSTRUCTORS

Mr O.O. Rotowa

Room 16, SET Building,

Dept. of Urban & Regional Planning

Federal University of Technology, Akure, Nigeria.

Phone: +2347031351417

Email: oorotowa@futa.edu.ng

And

Mr. O. F. Enisan

2 in 1 Lecture Theatre,

Dept. of Urban & Regional Planning

Federal University of Technology, Akure, Nigeria.

Phone: +2348034970665

Email: ofenisan@futa.edu.ng

COURSE DESCRIPTION

This course primarily designed for students in urban and regional planning as a discipline. However, it also meets the need of students in other fields such as Estate management. As a review course, the focus is to impart useful skills on the students on analytical skills learnt from 100 levels in order to enhance their competence and prepare them for other specialised applications to be encountered at higher levels. Topics to be covered include Planning standards, agencies involved in enforcing planning standard, and problems of enforcement.

COURSE OBJECTIVES

The objectives of this course are to:

- introduce students to the use of planning standard and other skills for various academic and professional activities; and
- aid students to appreciate the roles they are expected to play as planners in having a salubrious and planned environment.

COURSE LEARNING OUTCOMES / COMPETENCIES

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

(Skills)

- apply planning standards for:
 - roads;
 - neighbourhood layout;
 - plots division; and
 - Commercial and industrial plot lay-out.
- Review methods of data collection and analysis;
- Solution to transportation problems;
- Modelling in Planning;
- Report writing and referencing; and
- Carry out research on urban related areas.

GRADING SYSTEM FOR THE COURSE

This course will be graded as follows:

Class Attendance	5%
Assignments	15%
Test(s)	20%
Final Examination	60%
<u>TOTAL</u>	<u>100%</u>

GENERAL INSTRUCTIONS

Attendance: It is expected that every student will be in class for lectures and also participate in all practical exercises. Attendance records will be kept and used to determine each person's qualification to sit for the final examination. In case of illness or other unavoidable cause of absence, the student must communicate as soon as possible with any of the instructors, 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 any of the instructors 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 in the laboratories.

READING LIST

⁴Morenikeji, W. (2006). *Research & Analytical Methods (For Social Scientists, Planners And Environmentalists)*. Jos, Nigeria: Jos University Press LTD.

¹Okoko, Eno. (2001). *Quantitative Techniques in Urban Analysis*. Ibadan: Kraft Books Limited.

¹Spiegel, M. R. (2008). *Schaum's Outlines of Theory and Problems of STATISTICS Fourth Edition*. New York, U.S.A: McGRAW-HILL.

¹Gupta, B. & Gupta, A. *Roads, Railways, Bridges and Tunnel Engineering*.

³Harwood, D. W. et al., (2002). *Safety Effectiveness of Intersection Left- and Right-Turn Lanes*. Retrieved 04 15, 2008, from <http://www.tfhr.gov/safety/pubs/02089/02089techbrief.htm>

Legend

- 1- Available in the University Library
- 2- Available in Departmental/School Libraries
- 3- Available on the Internet.
- 4- Available as Personal Collection
- 5- Available in local bookshops.

COURSE OUTLINE

Week	Topic	Remarks
1	Introduction and Course Overview	During this first class, the expectation of the students from the course will also be documented.
2 & 3	Planning Standards	Definition of planning standard, review of planning standards or roads, building and lot subdivision,
4 & 5	Agencies involved in enforcing planning standards, and problems of enforcement.	Planning authorities at the Federal. State and Local Government. Other agencies dealing with enforcement include Standard organization of Nigeria (SON), Federal road safety commission, NAFDAC etc. problems of enforcement will be emphasised in carrying out statutory duties.
6	Methods of collection, organization and selection of planning data.	Here is a review of previous knowledge from URP401 in order to prepare students for their final year thesis. Methods to be reviewed include observation, questionnaire, interview etc.
7 & 8	Preparation of surveys and analysis of survey data.	Methods of statistical analysis will be taught under parametric and non-parametric otherwise (descriptive and inferential statistics). This section will be concluded on effective ways of report writing.
MID-SEMESTER TEST		
9 & 10	Application of computer packages to the analysis of planning data.	Microsoft Excel Statistical Package for Social Sciences (SPSS) and other analytical packages are programs students will be exposed to. Students will be taught on efficient use of these programs for routine activities.

11 & 12	Planning models and their relevance.	Models are abstraction from reality. They are relevant in simulation and to understand planning activities. The different types include: predictive, prescriptive and planning models.
13 & 14	Application of mathematical models to the analysis of planning data.	Emphasis will be on previous models such as the gravity, Monte-Carlo and Markov chain. Areas of appropriate usage will be given prominence in the review.
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.