



THE FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE

Department of Architecture

ARC 306 - Village Survey

COURSE PARTICULARS

Course Code: ARC 306

Course Title: Village Survey

No. of Units: 2

Course Duration: Six hours of practical classes per week for 15 weeks.

Status: Compulsory

Course Email Address:

Course Webpage:

Prerequisite: NIL

COURSE INSTRUCTORS

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COURSE DESCRIPTION

This is basically a course on rural settlements with emphasis on housing, infrastructure, environment and major development issues in Nigeria's rural areas. It is directed toward exploration and accurate documentation of existing traditional buildings, construction technology, skills and major trends. It entails Critical analysis of architectural issues of historical, social, cultural and economic significance, village layout types of clustering, use of local materials and analysis of local craftsmanship and material for housing production. Emphasis is on clear writing and effective

graphics as means of communicating information and ideas. The course therefore emphasises the importance of beneficial exploration of resources for human benefits, enhancement of resources management for long-term productivity while enhancing quality of life of both residents and visitors. This course is designed to provide students with better understanding of the unique characteristics of rural environments.

COURSE OBJECTIVES

The objectives of this course are to:

- study the peculiarities of rural areas as regards to housing, infrastructure, environmental planning and management
- introduce the students to indigenous building materials and technologies and modern trends available in rural areas in Nigeria
- expose students to methods of analysing built environment issues in rural areas

COURSE LEARNING OUTCOMES / COMPETENCIES

The students are expected to have understood the followings on successful completion of this course:

(Knowledge based)

- The building materials, products and construction techniques available in the rural areas
- The factors that influences the pattern of development in a typical rural area
- The purposes and functions of the cultural and administrative structures that are available in the rural areas
- Methods of data gathering

(Skills)

Students should be able to undertake:

- Production of relevant maps, drawings and images for the rural area under study
- Data gathering on housing, infrastructure and environment to be used for analysis
- Production of architectural proposals to four selected typologies within the rural area
- Production of technical reports and proposal for rural planning and development

GRADING SYSTEM FOR THE COURSE

The grading system for the semester will be based on four items. These include **class attendance**, **two short write-ups**, **one term paper** and a **field study report**.

- **Class Attendance (5%):** students attendance to lectures and field visits will be graded although the duration of semester.
- **Short assignment[s] (15%):** due to importance of short and clearly written communication in disseminating information about rural survey, students will be expected to write two short memoranda on selected subjects of concern in rural areas. The subjects of concern will be selected based on hypothetical rural situations developed from class discussions. Each memorandum should not be more than three pages (*references inclusive, 12 pts Times New Roman, 1.5 spacing*).
- **Term Paper (20%):** Each student is expected to present a term paper on an approved topic related to rural development. Also, each student will make presentation on the term paper to the class. The essence of the term paper is for the students to critically assess, study, synthesize and communicate current issues in rural development. The term paper will be between 15 and 20 pages (*front page excluded, references inclusive, 12 pts Times New Roman, 1.5 spacing*).
- **Field Study and Report (60%):** This will be done on individual and group basis. A rural area will be selected for the field study. The selected rural area will be communicated to the class in due time. The purpose of this is for the students to apply all what they have studied in class to understand the peculiarities and development issues in the selected rural area. A concise report on the rural area will be presented to the class. The reports are to contain charts, maps, pictures, sketches and tables. The report should not exceed 30 pages (*front page excluded, references inclusive, 12 pts Times New Roman 1.5 spacing*).
- **TOTAL** **100%**

GENERAL INSTRUCTIONS

Attendance: It is expected that every student will be in class for lectures, participate in group works and attend field visits. Records of attendance will be used to determine each person's standing and qualification to have a score for the course. The minimum percentage of attendance is 65%. 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 and with proof.

Academic Integrity: All students are expected to display high honesty in the compilation of assignments, term papers and other works. Violations of this will lead to commensurate penalties. Students' term papers and reports are to be original. In no circumstance should anybody present photocopy of another person's term paper or report. This 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.

Submission of Term papers and Reports: Submission time will be communicated in due course. Students are expected to submit assignments not later than the announced time. Postponement of submission time will be communicated through the right channel if need be. 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: All students should be on seat before the arrival of the lecturers. 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 during lectures.

READING LIST

- ¹Ajanlekoko, J.S. (2001). Sustainable Housing Development in Nigeria – The Financial and Infrastructural Implication. International Conference on Spatial Information for Sustainable Development, Nairobi, Kenya. 2 – 5 October, 2001. Retrieved from www.fig.net/pub/proceedings/nairobi_abs/ajanlekoko-cwsi-1.htm
- ¹Olayiwola, L.M. and Adeleye, O.A. (2005). Rural Infrastructural Development in Nigeria between 1960 and 1990 – Problems and Challenges. Department of Urban and Regional Planning, Obafemi Awolowo University, Ile-Ife
- ³George, C.K. (1999). Basic Principles and Methods of Urban and Regional Planning. Lagos: Libro-Gem Limited 27-29
- ²Mabogunje, A.L. (1974). Infrastructure in Planning Process, Town and Country Planning Summer School. University of London Press
- ²Okafor, F.C. (1985). Basic Needs in Rural Nigeria. Social Indicators Research, 17, 115-125
- ³Anikpo, M (1995). Policy Options for Innovative Rural Development in Nigeria. In: Nwanunobi, Ukaegbu and Igbo (eds) Innovative Approaches to Rural Development in Nigeria. Enugu: Auto-century Publishing Company
- ²Atkinson, J.R. (1973). Resettlement Programme in the Kanji Lake Basin. 1 - 18
- ⁵Microsoft Encarta (2012). African Art and Architecture

Legend

- 1- Available on the Internet.
2- Available as Personal Collection
3- Available in local bookshops.
4- Available in University bookshop
5- Available as e-encyclopaedia.

COURSE OUTLINE

Week	Topic	Remarks
1	Introduction and Course Overview	Course description, outline, assessments, attendance, objectives of the course and the expectations of the students will be discussed.
2	Conceptual Issues in Rural Housing and Development	Students are expected to distinguish housing from shelter and identify types of infrastructure and the challenges of rural housing, environment and infrastructure
3 & 4	Data and Information gathering for Rural Development <ul style="list-style-type: none"> • Types of Data and Information • Sources and Methods of Data and Information gathering • Ways of Presenting Data and Information gathered 	Students will be made to understand the peculiarities of data gathering in rural development
5 & 6	Rural Development Issues (Part 1) <ul style="list-style-type: none"> • Social and cultural component of settlements in Nigerian Rural Areas • Economic Issues of Rural Development <ul style="list-style-type: none"> • Methods and Sources of Housing Finances • Affordability and Availability of Rural Housing 	Memorandum 1
7 & 8	Rural Development Issues (Part 2) <ul style="list-style-type: none"> • Infrastructural and Environmental Issues in Nigerian Rural areas <ul style="list-style-type: none"> • Natural resources • Development pattern • Building quality and forms • Rural Infrastructures 	Memorandum 2
9 & 10	Exploration of Indigenous Building Materials and Techniques in Nigeria	Term paper on approved topics to be undertaken by students
11 - 14	Field Visits and Report	Semester report to be submitted prior to report presentation
15	Report Presentation	Oral and graphical presentations of Students' reports