THE FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE

Department of Urban and Regional Planning

URP 313 – Industrial Development Planning

COURSE PARTICULARS

Course Code: URP 313
Course Title: Industrial Development Planning
No. of Units: 2
Course Duration: Two hours of theory and one hour of tutorial per week for 15 weeks.
Status: Compulsory
Course Email Address: urp313@gmail.com
Course Webpage: http://www.urp.futa.edu.ng/courseschedule.php?coursecode=URP%20313
Prerequisite: NIL

COURSE INSTRUCTORS

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COURSE DESCRIPTION

This course is exploratory. It is expected that knowledge derived will be useful in meeting the needs of students in real life experience, particularly in industrial management and planning. It focuses on both theory and model that are useful for industrial development, management and planning. Some of the models examined in the course include that of Weber, Losch, W. Isard, David Ricado, and Shaffel industrial models. Topics to be covered are itemize under the course outline.

COURSE OBJECTIVES

The objectives of this course are to:

- introduce students to factors, models and principles of industrial location for profitable engagement after graduation; and
- provide students with opportunities to develop design standards for industrial land use.

COURSE LEARNING OUTCOMES / COMPETENCIES

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

- explain how industries are to be located in terms of where, what, and how;
- explain the relevance of models considered to real life experience;
- understand design standards for industrial land use in terms of industry/population ratio and hierarchy of industries;
- understand management principles for industrial land use in compliance with zoning/master plan provision.

GRADING SYSTEM FOR THE COURSE

This course will be graded as follows:

Class Attendance	05%
Assignments	15%
Test(s)	20%
Final Examination	60%
TOTAL	**100%**

GENERAL INSTRUCTIONS

Attendance: It is expected that every student will be in class for lectures and also participate in all class discussions. 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. Students are not allowed to make copies of another person's work and submit it as his/her 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 any given assignment at stipulated time will attract 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 switch-off their cell phones during lectures. They are prohibited from engaging in other activities (such as texting, watching videos, *etc*.) during lectures. Jesting, food and drinks are not permitted in the laboratories.

READING LIST

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 these introductory lectures, the expectation of the students from the course will be aroused.
2	The aim, roles and objectives of industrial development planning as a course in Urban and Regional Planning.	Topics to be covered include definition and factors of industrial location.
3 & 4	Industrial location models	Weber, Losch, W. Isard, David Ricado, Shaffel, etc
5 & 6	Assessment of land for industrial land use.	Terrain analysis, permissible slope characteristics, site aerodynamics, site geology and carrying capacity. Site conformity with zoning/master plan provision.
7	Design standards for industrial land use	Industry/population ratio, hierarch of industries.
8 & 9	Management principles for industrial land use	Compliance with zoning/master plan provisions, development controls compliance.
		MID-SEMESTER TEST
10 & 11	EIA and remediation strategies.	Discussion on Environmental Impact Assessment. Remediation strategies such as User charge principle; polluter pays principle, pollution prevention pay principle.

12 & 13	Principle of inter – and intra-generational equity.	Students will be taught on various principles that connect industry with other land uses.
14	Principle of participation and practical session.	Students will be taught the principle of participation and made to engage in visitation to some industrial establishments to determine the practicability of models and theories taught in the course of the lectures.
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.