



THE FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE

Department of Quantity Surveying

QSV 507 – Construction Management I

COURSE PARTICULARS

Course Code: QSV 507

Course Title: Construction Management I

No. of Units: 3

Course Duration: Two hours of lectures and one hour of tutorial per week for 15 weeks.

Status: Compulsory

Course Email Address: qsv507@futa.edu.ng

Course Webpage: <http://www.qsv.futa.edu.ng/courseschedule.php?coursecode=QSV%50507>

Prerequisite: NIL

COURSE INSTRUCTORS

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COURSE DESCRIPTION

This course focuses on imparting management skills relevant to the construction industry on students. It has both lecture and tutorial classes. The course is expected to embed the skills needed to confront majority of the challenges of resources – Man, Money, Material, Method, and Machine – management in the construction industry. The course is therefore expected to assist in ensuring a more productive and dispute free construction sector. Among the topics to be covered are the meaning of management, management theories, organization and accountability, organization structure, span of control, authority, responsibility, decision making process, structure of the construction industry, and characteristics of communication in the construction industry.

COURSE OBJECTIVES

The objectives of this course are to:

- introduce students to the foundation/basics of management in the construction sector,
- embed students with the skills of management in the construction industry.

COURSE LEARNING OUTCOMES / COMPETENCIES

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

(*Knowledge based*)

- explain the meaning management;
- clearly state the elements of management and relate it with objectives and policy planning;
- discuss the theories of management link them with the construction industry;
- understand the structure of organizations with respect to span of control, power, authority, responsibility and decision making;
- understand the structure and relationships within the construction industry; and
- explain communication in the construction industry.

GRADING SYSTEM FOR THE COURSE

This course will be graded as follows:

Attendance	5%
Assignments	15%
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 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. Students must meet 70% attendance to qualify to sit for the 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 or better still put it in silent mode. Students are prohibited from engaging in other

activities (such as texting, watching videos, chatting, gisting *etc.*) during lectures. Food and drinks are not permitted during lectures except otherwise approved by the tutor.

READING LIST

² Barry, F. (1990). The practice of Construction Management, BSP Professional Books, London, UK.

⁴ Lewis, J. P. (2007). Fundamentals of Construction Management. Amacon, New York, USA. 177p.

⁴ Windapo, A. (2013). Fundamentals of Construction Management, Ventus Publishing ApS Capetown, South Africa.

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	The meaning of management <ul style="list-style-type: none"> • Definition • Elements of management • Management objectives • Policy planning 	Expectations of students from the course will be documented.
2 & 3	Management theories <ul style="list-style-type: none"> • Contributions of Taylor, Fayol, Maslow etc 	Extensive teaching and interactive sessions will be done on this topic with adequate reference to the business and construction sector.
4 & 5	Organisation and accountability. Organisation structure, span of control, authority, responsibility etc Decision making process (e.g the use of committee system)	Assignment will be given. Students will be asked to share industrial experiences relating to power, span of control, authority, responsibility and decision making.
6	Decision making process (continued) The structure of the construction industry in Nigeria.	Students will be asked to study the structure of the industry very well in preparation for the next class.

7 & 8	The structure of the construction industry in Nigeria (Part 2) MID SEMESTER TEST	Thoughtful suggestions and desired improvements from students will be documented.
		MID-SEMESTER TEST
9 & 10	Responsibilities and functions of professionals involved in the design and execution of projects.	
11 & 12	Communication in the construction industry.	Discussion on modes and methods of communication with adequate focus previous approaches and recent developments
13 & 14	Communication and characteristics of communication in the construction industry.	Communication will be discussed in respect of various procurement options.
		QUIZ
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. All outstanding clarifications in respect of previously taught topics will be done.