CB322 Building Construction

COURSE INFORMATION

Prerequisites	Academic Year & Level		Teaching Methods			Credit Hrs.
	Year	Semester	Lecture	Tutorial	Laboratory	
CB221	3	6	2	4	0	3

COURSE AIM

The aim of this course is at introducing the student to the knowledge for components of building construction.

COURSE WEEKLY CONTENTS

1 Architectural drawings
2 Building opening
3 Stairs
4 Insulation
5 Services
6 Finishing materials (1,2)
7 Finishing materials (1,2) + Midterm Exam
8 Superstructures
9 Site works (1,2)
10 Site works (1,2)
11 Shallow Foundations
12 Deep foundations
13 Reinforced concrete elements
14 Slabs systems
15 Health and safety in construction

STUDENT GRADING & ASSESSMENT

Weeks	Exams	Assign.	Quizzes	Reports	Present.	Lab.	Total
1 to 7	20 Midterm	← 10 MARKS To be freely distributed among possible assessments →					30
8 to 12	← 20 MARKS →						20
13 to 15	← 10 MARKS →						10
16 or 17	40 Final						40
Total	Exams	Assign.	Quizzes	Reports	Present.	Lab.	100

REFERENCES

Textbook	Construction Technology (Volumes 1-4) by Roy Chudley, Pearson Education, 2011.
Other	Building Design and Construction Handbook by Merritt, F.S., and Ricketts, J.T., McGraw-Hill, Practical Manual of Load Development by Colley, B.C. Publisher: McGraw-Hill, Inc. New York, Latest Edition. The Construction of Buildings by Barry, R. Publisher: BSP Professional Books, London, U.K. Construction Methods and Planning by Illingworth, J.R. Publisher: E and FN SPON, London, Latest Edition.