EiABC

Ethiopian Institute of Architecture,
Building Construction and City Development
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Addis Ababa University
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Addis Ababa University - EiABC

Construction Technology & Management Program

CoTM 3132 – Specification and Quantity Surveying

Academic Year: 2014/15
Semester II

Instructors: Henok Fekade, M.arch.

Chair of Project Management

COURSE OUTLINE

	Weeks	Lecture Topics	Assignment/ Project	Submissions
Chapter ONE		**1. Specifications**		
	1	1.1 Introduction		
	2	1.2 Purposes of Specifications		
		1.3 Types of Specifications		
	3	1.4 Specification Writing		

	Weeks	Lecture Topics	Assignment / Project	Submissions
Chapter TWO		**2. Quantity Surveying**		
	4	2.1 Measurements of Civil Works a. Taking Off	Project Introduction	
	5	b. Preparing specifications and BOQ	Assignment	

	Weeks	Lecture Topics	Assignment/ Project	Submissions
Chapter THREE		**3. Technical Spec. and Method of Measurements for the Different trades of Works**		
	6, 7	3.1 Substructure	Assignment	submission 1
	8, 9, 10	3.2 Superstructure	Assignment	submission 2
	11, 12	3.3 Site Works	Assignment	submission 3

	Weeks	Lecture Topics	Assignment / Project	Submissions
Chapter FOUR		**4. Cost Estimation & Valuation**		
	13	4.1. Quantity Determination and Rate Analysis		Final Submission
	14	4.3. Property Valuation		

References:

1. Quantity Surveying Practice and Administration - by Dennis F.Turner
2. Estimating and costing in Civil Engineering (Theory and Practice including specification and valuation) - by Prof.B.N Dutta Technical
3. Specification and Method of Measurement for construction of Buildings (BaTCoDA -1991)
4. Technical Specification for Building Works ECPN-3 (“1996”)
5. Standard Methods of Measurement for Building Works ECPN-4 (“1996”)
6. Standard Condition of Contract for Construction of Civil Work Projects (MoWUD, 1994)

EVALUATION			
		Project and Assignments	40% (+10%)
		Final Examination	60% (± 10%)