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## **ESTM 100 – An Introduction to Construction Estimating (On Line)**

### **COURSE DETAILS**

#### **Course Description:**

This course will provide participants with an overview of the construction estimating process.

#### **The course will cover:**

Introductions	Construction Project Phases
Role of the Estimator	Types of Construction Contracts
Types of Estimates	MasterFormat®
Definition of an Estimate	Cost vs Price
Components of Cost	Components of Price
Risk Analysis	Quantity Surveying
Pricing	Allowances and Contingencies
Summarizing the Estimate	Procurement Methods
Laws and Rules of Tendering	Basics of Bonding

#### **Learning Outcomes:**

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

1. Identify the various phases of a construction project from inception to commissioning and beyond.
2. Describe the role of the estimator in the modern construction industry.
3. Identify 6 common types of construction contract arrangements.
4. Identify 4 common types of construction estimates.
5. Detail the components of a construction estimate.
6. Recall the process of creating and applying various unit rates within a construction estimate as well as the completion and summarization of a construction estimate
7. Identify various methods used for procurement of construction services.