

**Common Course Outline**  
**CONT 256**  
**Construction Cost Control**  
**3 Semester Hours**

**The Community College of Baltimore County**

**Description**

**Construction Cost Control**

Discusses the needs of the construction industry that require unique cost control methods; includes study of records of labor, material, and equipment and expands upon the techniques of identifying, recording, measuring, and evaluating financial information.

3 credits: 3 lecture hours per week. Prerequisite: CONT 106. Offered fall semester only

**Overall Course Objectives**

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

Identify Project Phases.

Define the Building Team and describe their methods of interaction.

Utilize a Developer's Pro forma to determine whether a project is worth developing.

Establish an estimate format to effectively store, retrieve, and analyze project costs.

Evaluate a project from a Contractor's point to view to determine whether a project is worth pursuing.

Project basic job costs.

Describe basic estimating requirements and their relationship to bid, construction, and post-construction.

Retrieve bid data during a project for analysis.

Control sub-bids and contractors to keep the project on track.

Analyze data during a project to maintain profitability or to reduce losses.

Appreciate the impacts of time on a project, including the costs of regaining lost time.

Control costs during construction.

Realize the importance of Project Start-up and Close-out, and the costs involved with each.

### **Major Topics**

Basics of Construction Cost Controls.

Analysis of project requirements, project phases, the Building Team, and their affects on the Project.

Use of estimating and project cost accounting to maintain profits and minimize losses.

Establishment of comprehensive method and process for storing, retrieving, and analyzing information.

Implementation of information analysis for construction cost control problem solving.

### **Course Requirements**

Grading/exams: Grading procedures will be determined by the individual faculty member but will include at least 4 out of the 7 categories that follow:

Homework

Projects

Mid term

Term paper/oral report

Classwork

Team project

Quizzes

Final exam

There will be a minimum of 8 graded assignments.

Writing: The individual faculty member will determine specific writing assignments.

### **Other Course Information**

This course is a \_\_\_\_\_ core course and a   X   elective.

This course is taught in a computerized environment.

This course is the first course in a required two-course sequence.

Individual faculty members may include additional course objectives, major topics, and other course requirements to the minimum expectations stated in the Common Course Outline.

