

Common Course Outline
CONT 126
Construction Specifications
3 Semester Hours

The Community College of Baltimore County

Description

Construction Specifications

Studies basic principles of specification development and interpretation; discusses specifications as a legal and technical document in terms of design and construction, as well as interrelationship of specifications, construction law, and materials of construction. 3 credits: 3 lecture hours per week.

Prerequisite: CONT 106 or equivalent experience. Offered spring semester only

Overall Course Objectives

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

Organize, store, and retrieve information using uniform formats established by the construction industry.

List the Divisions of UniFormat and MasterFormat.

Apply the concepts of SectionFormat and PageFormat to properly generate a Specification Section.

Explain why the use of standardized formats is critical for a project to be successful.

Compare the differences between Drawings and Specifications.

Explain which information belongs on Drawings and which on Specifications and why.

Analyze a Specification and determine how it can be interpreted legally.

Utilize the information contained in Construction Documents.

Justify decisions based on information contained in Construction Documents

Major Topics

UniFormat
MasterFormat (16 Division CSI Format)
SectionFormat
PageFormat
General Conditions of the Contract
General Requirements (Division 1)
Project Phases
Building Team
Types of Contracts
Methods of Specifying
Specification Language
Trap Doors: How to avoid them and how to use them.

Course Requirements

Grading/exams: Grading procedures will be determined by the individual faculty member and 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 _____ X _____ core course and a _____ elective.
This course is taught in a computerized environment. NO
This course is the first course in a required two-course sequence. NO

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

Date Revised: 08/29/00