

Indiana State University

CNST 111 Section 001

Construction Materials, Methods, And Equipment

Catalog Course Description

This course introduces the fundamentals of building construction, materials, and methods for residential and commercial construction. It is presented from the perspective that the student has little to no construction knowledge or background. Later in the program, courses such as estimating and scheduling will rely on knowledge gained in this course to develop solutions using critical thinking that will lead to creating accurate schedules, estimates, and managerial decisions.

Faculty Information

Name: Jisoo Park

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Department: Built Environment

Office Hours: TR 10 AM to Noon EST

Course Learning Objectives

After completion of this course, the student will obtain the abilities to: Analyze methods, materials, and equipment used to construct projects (ACCE-SLO 8).

Required Textbooks and Materials

Mehta, Scarborough, and Armpriest. Building Construction: Principles, Materials, and systems. 3rd ed., Prentice Hall, 2016. (ISBN: 9780134454177)

Graded Elements of the Course

Attendance & Participation; Homework; Quizzes & Exams; Team project.