ESTIMATING
Course Syllabus

Course Number: ABM-0992
OCAS Code: None
Course Length: 30 Hours
Career Cluster: Architecture & Construction
Career Pathway: Construction
Career Major(s): Masonry

Pre-requisite(s): This course introduces a variety of methods for estimating the required amount of masonry materials and accessories to complete a project. Students will be able to make materials calculations from a working set of construction plans and calculate the amounts and costs of the total project.

Textbooks:

- *Brick and Block Masonry* by Curriculum and Instructional Materials Center, Oklahoma Department of Career Tech (1999)
- *Fundamentals of Bricklaying* by Curriculum and Instructional Materials Center, Oklahoma Department of Career Tech (1999)

Course Objectives: A. Practice Estimating for Masonry Projects.

1. Understand and apply basic materials estimating procedures for concrete block construction and brick construction.¹
2. Understand and apply basic estimating procedures for reinforcements, ties, and other materials.¹
3. Understand and apply procedures for quantities of mortar and mortar materials.¹

¹ NCCER objective

Teaching Methods: The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.

Grading Procedures: 1. Students are graded on theory and shop practice and performance.
2. Each course must be passed with seventy (70%) percent or better.
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.
## Description of Classroom, Laboratories, and Equipment:

Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

## Available Certifications/College Credit

The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.

## College Credit Eligibility:

The student must maintain a grade point average of 2.0 or better.