CONM1108 - Principles of Estimating

Credits:	4 (2/2/0)
Description:	This course focuses on the basics of material, labor and equipment estimating. Students learn to calculate the quantities of material comprising a project. These quantities determine the primary portion of the direct costs used in a construction bid. This process is the first step in completing accurate bids for construction projects of all sizes.
Prerequisites:	• BLDG1114 OR • ARCH1126 OR • CONM1101
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Prepare quantity takeoffs and estimates for multiple disciplines. 2. Estimate general requirements. 3. Estimate existing conditions. 4. Estimate concrete. 5. Estimate masonry. 6. Estimate metals. 7. Estimate carpentry. 8. Estimate thermal and moisture protection. 9. Estimate openings. 10. Estimate finishes. 11. Estimate specialties. 12. Estimate furnishings. 13. Estimate earthwork. 14. Calculate average crew cost. 15. Determine a labor rate for estimating crew costs.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

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