BLDG1110 - Principles of Residential and Commercial Construction

Credits:	3 (1/2/0)
Description:	Students work in small groups with industry specialists and education professionals. Students attend multiple classroom and lab activities where they learn safety requirements for construction environments, proper use of a variety of hand tools, applications of shop equipment, the residential and commercial building process, and small equipment operations. Students will participate in a speed interviewing exercise with industry experts and learn about occupations in the construction trades profession.
Prerequisites:	• Instructor Approval
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Demonstrate safety and health standards for construction and trades environments. 2. Demonstrate fundamental standards for plumbing applications. 3. Demonstrate fundamental standards for construction electricity applications. 4. Demonstrate fundamental standards for plumbing applications. 5. Demonstrate fundamental standards for residential framing principles. 6. Demonstrate fundamental standards for commercial framing principles. 7. Demonstrate fundamental standards for case and base applications. 8. Demonstrate fundamental standards for window and door installation. 9. Demonstrate fundamental standards for roofing applications. 10. Demonstrate fundamental standards for sheeting and siding applications. 11. Demonstrate fundamental standards for interpreting blueprints and building codes. 12. Demonstrate fundamental standards for operating small diesel equipment. 13. Demonstrate fundamental standards for concrete forming and finishing. 14. Demonstrate fundamental standards for carpet installation. 15. Demonstrate fundamental standards for tile installation.
MnTC goal areas:	None

Can be taking as a Prerequisite or Corequisite.

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