

## BLDG1000 - Introduction to the Construction Trades

Credits:	3 (0/3/0)
Description:	This course is designed to give students a hands-on introduction to the construction building trades. Students will construct building systems related to carpentry, plumbing, heating, refrigeration, electrical and construction management.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"><li>1. Demonstrate an understanding of terminology related to the carpentry, plumbing, heating, refrigeration and electrical trades in the lab setting.</li><li>2. Identify the parts required for framing assemblies.</li><li>3. Fabricate and construct framing assemblies per plans and specs.</li><li>4. Construct and diagnose copper pipe applications for heating and refrigeration equipment.</li><li>5. Build control wiring circuits for heating/cooling systems.</li><li>6. Evaluate electrical systems.</li><li>7. Apply electrical wiring methods.</li><li>8. Design, configure and construct copper piping for plumbing systems.</li><li>9. Construct detailed schedules for trade-related tasks.</li><li>10. Estimate the time, material and equipment required to perform trade-related activities.</li></ol>
MnTC goal areas:	None

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