

## RTTT Career and Technical Education STEM Program Descriptions

<b>Program Title</b>	<b>Building Construction Technology 8720300</b>
<b>CTE Courses and Descriptions</b>	<p>The purpose of this program is to prepare students for employment or advanced training in the building construction industry.</p> <p>Laboratory activities are an integral part of this program. These activities include instruction in the use of safety procedures, tools, equipment, materials, and processes related to these occupations. Equipment and supplies should be provided to enhance hands-on experiences for students.</p> <p>Building Construction Technology (872030) consists of seven courses in which secondary students can earn up to 7 credits.</p> <p><b>8720310 Building Construction Technology 1</b>  <b>8720320 Building Construction Technology 2</b>  <b>8720330 Building Construction Technology 3</b>  <b>8720340 Building Construction Technology 4*</b></p> <p><b>*Course Description for Building Construction Technology 4*</b>  The purpose of this course is to develop competencies in identifying codes and regulations, applying math skills, and reading contract documents and specifications.</p> <p>Students completing Building Construction Technology 1-4 are encouraged to take additional courses in building construction technology 5-7 or courses related to the building construction industry.</p>
<b>Integrated Core Course(s)</b>	Geometry
<b>Teacher Certification(s)</b>	BLDG CONST @7 G      ELECTRICAL @7 G BLDG MAINT @7 G      SHEETMETAL @7 G TROWEL TR @7 G      AC HEAT MC @7 G CARPENTRY @7 G      TEC DRAFT @7 G PLUMBING @7 G      TEC CONSTR @7 G DRAFTING @7 G
<b>Industry Certification(s)</b>	National Center for Construction Education & Research (NCCER) NCCER Construction Technology NCCER008 NCCER Project Management NCCER027
<b>Number of Articulated Credits</b>	None.
<b>Implementation Costs</b>	<b>Startup Costs (approximate): \$233,000.</b> Building Construction Technology laboratory and classroom. Equipment and Furniture \$188,000 Materials and supplies \$32,000 Instructional Technology, computer and computer peripheral devices \$13,000
<b>Recommended Feeder Programs/Course</b>	None currently available