

Pathway Options	Description
<b>Structural Systems</b>	Students begin with basic fundamentals of construction courses while simultaneously completing OSHA 10. Once fundamentals are complete students will then progress into the carpentry trade over 3 advanced courses that are designed to be trade specific In addition to industry certifications in their CTE courses, members of this pathway will have several opportunities to receive State Dual Credit and or AP credits in their academic courses. Graduates of this pathway will receive guaranteed entry into the Tri-State Carpenters and Millwrights Apprenticeship Program.
<b>Electrical</b>	Students begin with basic fundamentals of construction courses while simultaneously completing OSHA 10. Once fundamentals are complete students will begin 3 advanced courses that are designed to be trade specific. These electrical courses are designed to prepare students for the testing and interview process for potential acceptance into the IBEW Apprenticeship Program. In addition to industry certifications in their CTE courses, members of this pathway will have several opportunities to receive State Dual Credit and or AP credits in their academic courses.
<b>Plumbing</b>	Students begin with basic fundamentals of construction courses while simultaneously completing OSHA 10. Once fundamentals are complete students will then complete a track that includes 3 advanced courses that are specific to the plumbing trade. Courses will offer both residential and commercial training. In addition to industry certifications in their CTE courses, members of this pathway will have several opportunities to receive State Dual Credit and or AP credits in their academic courses.

Grade	English	Math	Science	Social Studies	Required CTE Course	Required Electives:
9th	English I	Alg I	Physical Science	World History	Fundamentals of Construction	Wellness
10th	English II	Geometry	Biology	None Required	Structural Systems I or MEP	P.E. & Personal Fitness Foreign Language
11th	English III	Alg II	Chemistry	U.S. History	Structural Systems II or Electrical or Plumbing Systems I	Fine Arts ACT Prep
12th	English IV	Senior Level Math	Science Elective	Government & Economics	Work Based Learning or Electrical or Plumbing Systems II	Senior Project

*\*Class typed in red are cohorted as a Future Ready Institute. Meaning, 80% or more of students in those classes participate in the same institute. Chorted core classes give teachers the opportunity to teach their academic standards through the lens of a career pathway.*

## Early Post Secondary Opportunities

<p><b>Dual Credit Offerings:</b></p> <ul style="list-style-type: none"> <li>• TN State Dual Credit US History, World History</li> <li>• TN State Dual Credit Statistics</li> <li>• English 101 and 102 (Chattanooga State)</li> <li>• CAD 1 and CAD 2 (Chattanooga State)</li> <li>• Psychology 101 (Chattanooga State)</li> </ul>	<p><b>Potential Certification Opportunities:</b></p> <ul style="list-style-type: none"> <li>• OSHA 10</li> <li>• NCCER</li> <li>• CPR</li> </ul>
<p><b>Advance Placement Offerings:</b></p> <ul style="list-style-type: none"> <li>• Human Geography</li> <li>• Government and Economics</li> </ul>	<p><b>Career &amp; Technical Student Organizations:</b></p> <ul style="list-style-type: none"> <li>• Skills USA</li> <li>• Student Chapter of the Association of General Contractors</li> </ul>