<table>
<thead>
<tr>
<th>Career Cluster</th>
<th>CTE Program:</th>
<th>Industry Certification:</th>
<th>16 CORE CURRICULUM CREDITS</th>
<th>8 ADDITIONAL CREDITS</th>
<th>RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE &amp; UNIVERSITY SYSTEM PROGRAMS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Pathway:</td>
<td>Tocoi Creek High School, St. Johns County School District</td>
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</tbody>
</table>

**Career and Technical Education Program(s)**

**POSTSECONDARY**

- First Coast Technical College, St. Augustine: Heating, Ventilation, Air Condition/Refrigeration
- Santa Fe State College, Gainesville: Associate in Arts Advisement Track (A.A.) Building Construction
- College Credit Certificates (CCC): Computer Aided Technical Design (T.C.), Heating Ventilation, Air Condition/Refrigeration (C.C.)
- Associate in Science (A.S.) Degree in Building Construction Technology (Construction Management)
- University of North Florida, Jacksonville: College of Computing, Engineering & Construction – Building Construction (B.S.), MBA with concentration in Construction Management, Minor in Construction Management
- University of Florida, Gainesville: College of Design, Construction & Planning - Construction Management (B.S.), Construction Management (MCM), Construction Management (MSCM), International Construction Management (MICM)

**HIGH SCHOOL**

- **9th Grade**
  - English 1, English Honors 1
  - Algebra 1, Geometry Honors, Algebra 2 Honors
  - Environmental Science, Physical Science, Biology 1 Honors
  - AP Human Geography or Elective
  - Introduction to Construction Management (Building Trades and Construction Design Technologies 1 – 8722010)
  - Elective

- **10th Grade**
  - English 2, English Honors 2
  - Liberal Arts Math 1, Geometry, Geometry Honors, Pre-Calculus Honors
  - Biology, Biology Honors, Chemistry, Chemistry Honors
  - AP World History, World History, World History Honors
  - World Language 1
  - Construction Management Foundations (Building Trades and Construction Design Technologies 3 – 8722030)
  - Elective

- **11th Grade**
  - English 3, English Honors 3
  - DE Freshman English 1, ENC 1101, AP Language
  - Geometry, Algebra 2, Algebra 2 Honors, AP Calculus AB
  - Marine Science, Marine Science Honors, Earth Science, Anatomy and Physiology Honors, Chemistry, Chemistry Honors, Physics Honors
  - AP US History, US History, Dual Enrollment AMH 2010
  - World Language 2
  - Construction Design and Technique (Course code pending FLDOE approval)
  - Elective

- **12th Grade**
  - English 4, English Honors 4
  - DE Freshman English 1 (ENC1102), AP Literature
  - AP Biology, AP Chemistry, AP Environmental Science, AP Physics
  - American Government, 5 + Economics 5, AP Macro/Micro Econ, AP US Fed Gov’t
  - Elective
  - Construction Project Management (Building Trades and Construction Design Technologies 6 – 8722060)
  - Elective

**Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.**
<table>
<thead>
<tr>
<th>CAREER</th>
<th>Sample Career Specialties from the Demand Occupations List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Managers, Cost Estimators, First-Line Supervisors of Construction Trades and Extraction Workers, General and Operations Managers,</td>
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</tr>
<tr>
<td>Career and Technical Student Association</td>
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<tr>
<td>Architecture, Construction, Engineering (ACE) Mentor Program; Skills USA</td>
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<tr>
<td>Internship/Work Experience Recommendations</td>
<td></td>
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<tr>
<td>Career Academy students may apply for summer internships after their junior year.</td>
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<tr>
<td>Program of Study Graduation Requirements:</td>
<td><a href="http://www.fldoe.org/academics/graduation-requirements">http://www.fldoe.org/academics/graduation-requirements</a></td>
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