## Construction Technology Diploma

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>COURSE TITLE</th>
<th>TOTAL CREDIT HRS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CST 1103</td>
<td>Introductory Craft Skills</td>
<td>60</td>
</tr>
<tr>
<td>CST 1113</td>
<td>Tools, Math, &amp; Safety of Plumbing</td>
<td>60</td>
</tr>
<tr>
<td>CST 1123</td>
<td>Plumbing Pipes &amp; Procedures</td>
<td>60</td>
</tr>
<tr>
<td>CST 1133</td>
<td>Introduction to Plumbing System</td>
<td>60</td>
</tr>
<tr>
<td>CST 1203</td>
<td>Construction Site Layout/Electrical Safety</td>
<td>60</td>
</tr>
<tr>
<td>CST 1213</td>
<td>Electrical Theory</td>
<td>60</td>
</tr>
<tr>
<td>CST 1223</td>
<td>The NEC &amp; Electrical Procedures</td>
<td>60</td>
</tr>
<tr>
<td>CST 1233</td>
<td>Conductors of Electricity</td>
<td>60</td>
</tr>
<tr>
<td>CST 1173</td>
<td>Entrepreneurship &amp; Employment Skills</td>
<td>60</td>
</tr>
<tr>
<td>CST 1153</td>
<td>HVAC Trade Terms &amp; Materials</td>
<td>60</td>
</tr>
<tr>
<td>CST 1163</td>
<td>HVAC Electricity &amp; Heating Systems</td>
<td>60</td>
</tr>
<tr>
<td>CST 1143</td>
<td>Introduction to Cooling Systems</td>
<td>60</td>
</tr>
<tr>
<td>CST 1243</td>
<td>Tools &amp; Safety of Carpentry</td>
<td>60</td>
</tr>
<tr>
<td>CST 1253</td>
<td>Walls, Ceilings &amp; Floor Systems</td>
<td>60</td>
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<tr>
<td>CST 1263</td>
<td>Roof Framing</td>
<td>60</td>
</tr>
<tr>
<td>CST 1273</td>
<td>Building Exterior: Roof, Windows &amp; Walls</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL HOURS</strong></td>
<td><strong>960</strong></td>
</tr>
</tbody>
</table>

**TCTC Approvals & Accreditations**

The Oklahoma State Board of Career and Technical Education.  
Tri County Area Vocational-Technical School was created by the 1966 Legislature and approved by the State Board of Education in 1967.

The United States Office of Education, Vocational Division.  
Vocational training is offered in accordance with the standards prescribed by the Federal Vocational Smith-Hughes Act and all subsequent acts.

Tri County Technology Center is approved for Veteran’s Education Benefits, Pell Grants, WIA, and BIA programs.

The Vocational Rehabilitation Division of the State Department of Education.

The Commission of Institutions of Higher Education of the North Central Association of Colleges and Schools.

* National Center for Construction Education & Research (NCCER).
Program Description
The Construction Technology program provides training for today’s highly technical workforce. Students will explore all of the construction areas with major emphasis in Electricity, Plumbing, Carpentry and HVAC. Upon completion of this program, students may begin working as an apprentice in a specific area or continue their education with one of our many college partners.

Career Opportunities
• Association of General Contractors (AGC) certified / AGC curriculum
• Entry level in all phases of construction to work toward their journeyman’s licenses
• Construction knowledge and customer relations skills to work in retail businesses
• Post Secondary Construction Management or construction background to enter into engineering, etc.

Certifications Available
• Work Keys
• Construction Trainee
• Building Maintenance Technology:
  Carpentry
  Electrical
  HVAC
  Plumbing

Financial Aid is available
Contact Tami Garcia at (918) 331-3263

Student Organization
• SkillsUSA

Helpful Attributes & Abilities
• Suggested grade levels before entering

Program Length
Construction Technology Diploma
(HS or Adult) - 960 hours

Schedule
Monday through Friday classes
Full or half day scheduling available

Who Can Enroll
High School Juniors or Seniors, and Adults

College Credit
Available through:
• Oklahoma State University-IT

Approximate Program Cost
High School (in district): $5.00 / $5.00
High School to Adult (in district): $960.00
High School to Adult (out of district): $1,248.00

* Adult program cost includes: books, uniforms, CTSO fees, graduation fees & limited supplies.

High School (out of district): $1,800.00
Adult (in district): $1,800.00
Adult (out of district): $2,396.00

* High School students need to visit with their instructor for any additional expenses not included in the total program cost.

The Board of Education of Tri County Technology Center School District #1, its administration and/or their agents reserve the right to change information without notice when circumstances warrant such action. Tri County Technology Center is an Equal Opportunity institution in accordance with civil rights legislation and does not discriminate on the basis of sex, race, age, religion, color, national origin, disability, veteran or marital status in the operation of its educational programs, activities, recruitment and admission practices. Concerns regarding this policy should be addressed to Tiffany Bruce, Compliance Officer, Tri County Technology Center, 6101 SE Nowata Road, Bartlesville, Oklahoma, 74006, (918) 331-3241; tbruce@tctc.org. This publication is issued by Tri County Technology Center as authorized by its Board of Education. Program costs are subject to change. Contact counselor for additional information.