

**Jump Start 2.0 Pre-Apprenticeship: Welder**

*Pre-Apprenticeship Partner: Pre-Apprenticeship Partner: Central South Carpenters & Millwrights Training Trust Fund & Carpenters International Training Fund (CITF)*

**Overview**

A pre-apprenticeship is designed to prepare students to enter and succeed in a registered apprenticeship. Through the pre-apprenticeship, students are able to explore the crafts of our trades. Students enroll in courses that put a focus on improving trade-related literacy, math skills, safety, and work-readiness skills that construction contractor’s value. Upon completion of pre-apprenticeship, students receive advanced credit when applying to the Registered Apprenticeship Programs. General carpenters provide the crucial foundation for concrete, exteriors, roofs, infrastructure, and scaffolding while also creating fine trim and finish work. These professionals work with a variety of materials in every kind of structure; they are responsible for bringing blueprints to life. Students will receive authentic work-based learning experience in carpentry through the pre-apprenticeship classes and demonstrate mastery of skill through summer internship classes designed to give them on the job experience.

**Capstone Credentials**

| <b>Regional (Emerging)</b>   | <b>Basic</b>  | <b>Advanced</b>   | <b>Fast Forward Advanced Plus</b> |
|--|---|---|-----------------------------------|
| -Carpenter International Training Fund (CITF) Career Connections: Pre-Apprentice Core Skills | -Carpenter International Training Fund (CITF) Career Connections: Level 1-Welding | -Carpenter International Training Fund (CITF) Career Connections: Level 2-Welding | -Pre-apprenticeship: Welding      |

*\*Core Academic Course  
\*\*Jump Start CTE Course*

| <b>Grade 9</b>   |   |
|--|---|
| <b>Semester 1</b>  | <b>Semester 2</b>   |
| *Business English 120336                                 | *English I 120331   |
| *Math Essentials 160351                                  | *Algebra I 160321   |
| *Physical Education I 190105                             | *½ Physical Education II 190106 ½ Health Education 190500 |
| *Physical Science 150802 or Environmental Science 150310 | *Biology 150301   |

| Grade 10   |   |
|--|---|
| Semester 1   | Semester 2  |
| *English II 120332   | *Technical Writing 120350   |
| *Algebra II 160322 or Geometry 160323  | *Business Math 040307 or Financial Literacy 160345  |
| *Civics 220501/220504  | *U.S. History 220403  |
| ** General Technology Education (Introduction to Skilled Crafts) 110010 or Jobs for America's Graduates 1 042010 or Agriscience I 010301 | ** AgrisScience II 010302 or or Jobs for America's Graduates II 042020 or Introduction to Remote Controlled Vehicle Technologies 110795 |

*Additional and/or equivalent TOPS core aligned courses can be found in Bulletin 741.*

| Grade 11             |   |                      |   |
|----------------------|---|----------------------|---|
| Semester 1           |   | Semester 2           |   |
| Postsecondary Course | LDOE Course/Code  | Postsecondary Course | LDOE Course/Code  |
|                      | **Fast Forward Pre-apprenticeship I: CITF (2 credits)   |                      | **Fast Forward Pre-apprenticeship II: CITF (2 credits)  |
|                      | **Fast Forward Pre-apprenticeship: CITF OJT (2 credits) |                      | **Fast Forward Pre-apprenticeship: CITF OJT (2 credits) |

| Grade 12             |   |                      |   |
|----------------------|---|----------------------|---|
| Semester 1           |   | Semester 2           |   |
| Postsecondary Course | LDOE Course/Code  | Postsecondary Course | LDOE Course/Code  |
|                      | **Fast Forward Pre-apprenticeship III: CITF (2 credits) |                      | **Fast Forward Pre-apprenticeship IV: CITF (2 credits)  |
|                      | **Fast Forward Pre-apprenticeship: CITF OJT (2 credits) |                      | **Fast Forward Pre-apprenticeship: CITF OJT (2 credits) |

*This pathway framework is an outline of how the approved courses can be implemented. Schools may opt to rearrange the order of course sequencing in order to meet local scheduling requirements. Additionally, Fast Forward pathways are dynamic and the Jump Start Review Panel will consider course equivalents on an as needed basis.*