

TOPS University Pre-Apprenticeship: Welder

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

Regional (Emerging)	Basic	Advanced	Fast Forward Advanced Plus
-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*

Grade 9	
Semester 1	Semester 2
*English I 120331	*English II 120332
*Algebra I 160321	*Algebra II 160322
*Physical Education I 190105	*½ Physical Education II 190106 ½ Health Education 190500
*Civics 220501/220504	*Physical Science 150802 or Environmental Science 150310

Grade 10	
Semester 1	Semester 2
*English III 120333	*World Geography 220300
*Geometry 160323	*Foreign Language II
*U.S. History 220403	*Biology I 150301
*Foreign Language I	*Core Arts Selection

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
	*World History 220401		*Biology II 150302 or Physics 150000
	*Chemistry 150401		**Fast Forward Pre-apprenticeship I: CITF (2 credits)
	** General Technology Education (Introduction to Skilled Crafts) 110010 or Jobs for America's Graduates 1 042010 or Agriscience I 010301		**Fast Forward Pre-apprenticeship: CITF OJT (2 credits)

Grade 12			
Semester 1		Semester 2	
Postsecondary Course	LDOE Course/Code	Postsecondary Course	LDOE Course/Code
	*Advanced Math 160346 or 160347		*English IV 120334
	**Fast Forward Pre-apprenticeship II: CITF (2 credits)		**Fast Forward Pre-apprenticeship III: 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.