

**Pathway: Jump Start 2.0 Apprenticeship: Pipe Trades  
Apprenticeship Partner: Steamfitters and Pipefitters Union**

**Overview:**

Pipe Trades Apprenticeship program combines work-based, on-the-job learning with relevant technical education in the classroom and shop. Students who complete the two year Fast Forward program and successfully graduate, will have earned two years of apprenticeship credit toward the Pipe Trades registered Apprenticeship program. During the third year, all students will be offered a preferential interview; students will enter the program as a 3rd year - 1st semester apprentice. Once students enter the program between third year, first semester to the fifth year, second semester of the apprenticeship program they will earn: Med gas certification, LA Natural gas license, LA Plumbing license, Backflow certification, Mech B certification, Industrial EPRI rigging certification, and Foreman certification. At the beginning of the third year, first semester, students will receive full-time employment which entails forty-hour employment with benefits.

**Capstone Credentials**

Regional (Emerging)	Basic	Advanced	Fast Forward Advanced Plus
OSHA30	Career Connections: Level 1 (CTIF)	Career Connections: Level 2 or 3 (CTIF)	Fast Forward Pre-apprenticeship: Pipe Trades

\*Core Academic Course

\*\*Jump Start CTE Course

Grade 9			
Semester 1		Semester 2	
*Technical Writing	125350	*English I	120331
*Math Essentials	160351	*Algebra I	160321
*Physical Science	150802	*Physical Education I	190105
**Quest for Success	080411	*Civics	220501/220504

Grade 10			
Semester 1		Semester 2	
*English II	120332	Business Math	040307
*Financial Literacy	160345	*Business English	120336
*U.S. History	220403	*Biology	150301
*½ Health	190106 & PE II 190500	Pre-Apprenticeship	080230

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
	**Introduction to Skilled Crafts 110010		**Workplace Safety 311923
	**Construction Math Level 1 0110108		**Construction Math Level 2 0110109
	**Fast Forward Apprenticeship 080237 (2 credits)		**Fast Forward Apprenticeship 080246 (2 credits)

Grade 12			
Semester 1		Semester 2	
Postsecondary Course	LDOE Course/Code	Postsecondary Course	LDOE Course/Code
	**Design, Blueprint Reading and Codes 310622		**SMAW Pipe 6G 313124
	**Basic Electricity 310410		**Welding Technology 110230
	**Fast Forward Apprenticeship 080231 (2 credits)		**Fast Forward Apprenticeship 080234 (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.*