

**Jumpstart 2.0 Associate of Applied Science: Electrical Construction**  
*Postsecondary Partner: Nunez Community College*

**Overview**

Electricians install and maintain residential, commercial, and industrial electrical and power systems. Students will learn to perform more complex maintenance and repair tasks such as repairing factory generators, motors and transformers and offer advice on equipment safety. Students will learn to build, install, maintain and repair electrical systems that provide heat, light, and/or power for residential, commercial and industrial structures through courses offering a combination of theory and hands on learning.

**Capstone Credentials**

Regional (Emerging)	Basic	Advanced	Fast Forward Advanced Plus
-NCCER Core	-NCCER Electrical Level I -NCCER Instrumentation Level I -Electrical Construction Certificate of Technical Studies	-NCCER Electrical Level II -NCCER Instrumentation Level II -NCCER Electrical and Instrumentation Technical Diploma	-Associate of Applied Science in Electrical Construction

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

Grade 9	
Semester 1	Semester 2
Technical Reading and Writing 125010	*English I 120331
Technical Math 165010	*Algebra I 160321
*Biology 150301	*Physical Education I 190105
Elective	*Civics 220501

Grade 10	
Semester 1	Semester 2
*Technical Writing 120350	*English II 120332
*Math Essentials 160351	*Transition to College Mathematics 165040
*U.S. History 220403	**1/2 Physical Education II 190106, 1/2 Health Education 190500
Elective	Elective

*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
*English Comp I ENGL 1010	*English III: DE - CENL 1013 English Composition I 120601	*College Algebra MATH 1300	*Algebra III: DE - CMAT 1213 College Algebra 160500
Introduction to Construction CNST 1000	NCCER Core 311720	NCCER Electrical Construction II ELEC 1010	NCCER Electrical II 313412
NCCER Electrical Construction I ELEC 1000	NCCER Electrical 1 313402	NCCER Instrument Level II INST 1020	NCCER Instrumentation Control Mechanic II 313512
NCCER Instrument Level I INST 1010	NCCER Instrumentation Control Mechanic I 313502		

Grade 12			
Semester 1		Semester 2	
Postsecondary Course	LDOE Course/Code	Postsecondary Course	LDOE Course/Code
Physical Science PHSC 1000	Physical Science: DE - CPHY 1023 Physical Science I 150915	<i>Humanities Elective</i>	
NCCER Electrical Level III ELEC 2000	NCCER Electrical III 313418	<i>Social Science Elective</i>	
		NCCER Electrical Level IV ELEC 2010	NCCER Electrical IV 313422

*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.*