

Career Cluster: Architecture and Construction

Secondary CTE Program: Electricity

Statewide Articulation: YES

Career Cluster Pathway: Architecture and Construction



16 CORE CURRICULUM CREDITS						8 ADDITIONAL CREDITS	
ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES		CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (Aligned with State University System Admissions)
				FINE ARTS (1 cdt)		Major Area of Interest: Industrial Education	
				PHYSICAL EDUCATION (1 cdt)			

**HIGH SCHOOL** Career Cluster of interest identified by students enrolled in mandatory middle school career education course that includes interest inventory through Choices and ePersonal Education Planner through FACTS.org.

Grade	English	Math	Science	Social Studies	Other Required Courses	Career and Technical Education Courses	Recommended Electives
9	English I	Algebra I	Physical Science	World Geography	Computing for College & Careers		
10	English II	Geometry	Biology	World History			
11	English III	Algebra II	Chemistry or Marine Bio.	American History		Electricity 1, 2	Foreign Language
12	English IV	Pre-Calculus	Suggested Elective: CDE	Economics/American Gov't		Electricity 3, 4, 5	Foreign Language

Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements - see the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

**POSTSECONDARY** Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.

TECHNICAL CENTER PROGRAM(S)	COMMUNITY COLLEGE PROGRAM(S)	UNIVERSITY PROGRAM(S)
<a href="#">STATEWIDE ARTICULATION AGREEMENT</a>	<a href="#">STATEWIDE ARTICULATION AGREEMENT</a>	

**SAMPLE CAREER SPECIALTIES**

(TOL signifies occupation identified on the Agency for Workforce Innovation's Targeted Occupation Listing)

Electrician Helper, Industrial Electrician, Electrical Technician

**\*Possible Industry Certifications (Students):**

NCCER Level 1-4

## Architecture and Construction

Electricity/Electrical Wiring					
I460313	BCV0603	Electrician Helper	A	NCCER010	Electrical Level 1
				NCCER038	Electrical Level 2
	BCV0667	Industrial Electrician	B	NCCER039	Electrical Level 3
	BCV0666	Electrical Technician	C	NCCER040	Electrical Level 4

Statewide Articulation:

<http://www.fldoe.org/workforce/dwdframe/rtf/Industrial%20Electricity.rtf>

Industry Certification Articulation:

<http://www.fldoe.org/workforce/dwdframe/pdf/NCCER010-ConstructionElectricityManagement.pdf>