

**Career Academy:** Environmental and Urban Planning - Creekside High


**Secondary CTE Program:**

Land Resources  
Technology - 8913000

Civil Engineering Aide -  
8915000

**Career Cluster Pathway:** Agriscience, Food & Natural Resources, Architecture & Construction

**Eligible Recipient:** Grades 9-12

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

<b>HIGH SCHOOL</b>	Recommended high school plan for students in this St. Johns County School District Career Academy.							
	9	English 1 or English Honors 1	Math	Physical Science or Biology Honors	World Geography	HOPE - Health Opportunities through Physical Education	Intro to Env. Tech Civil Engineer I	Elective or Foreign Language
	10	English 2 or English Honors 2	Math	Biology or Chemistry Honors	World History or World History Honors	FINE ARTS	Enviro Tech 2 Civil Engineer 2	Elective or Foreign Language
	11	English 3/Honors or AP English	Math	Ecology/Enviro. or other Science	American History or AP American History	Elective/Dual Enrollment	Land Resources 3 Civil Engineer 3	Elective or Foreign Language
	12	English 4/Honors or AP English	Math	Science	Govt. / Economics/Honors or AP Govt. / Economics	Elective/Dual Enrollment	Land Resources 4 Civil Engineer 4	Elective or 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 at <a href="http://www.fldoe.org/workforce">www.fldoe.org/workforce</a> .								

<b>POSTSECONDARY</b>	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)	
Landscaping, Turf Grass Management, Pest Control, Drafting			Environmental Sciences; National Resource Conservation; Soil and Water Science; Building Construction Management			Civil Engineering; (Construction Engineering, Geotechnical, Structural, Transportation) Industrial Management; Environmental Management; Urban Planning		

<b>CAREER</b>	SAMPLE CAREER SPECIALTIES <span style="float: right;">(The Targeted Occupations List may be used to identify appropriate careers.)</span>							
	Landscape, Farmer, Forest and Conservation Worker, Drafters			GPS Data technician; Environmental technician; GIS Analyst; LEED certified technician; water quality technician, Civil Engineering Technicians			Hydrogeologist; Environmental Engineer; Civil, Electrical, Mechanical or Coastal Engineer	

<b>CREDIT</b>	ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES							
	Secondary to Technical Center (PSAV) First Coast Technical Center			Secondary to College Credit Certificate or Degree St. Johns River Community College, FCCJ			PSAV/PSV to AAS or AS to BS or BAS University of North Florida; University of Florida; Florida State University; University of Central Florida	

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

**Secondary:** AutoCAD, GIS Technician  
**Postsecondary:** LEED, AutoCAD, GIS Technician, Water Treatment Plant Operator C