

Career Pathway: Engineering

Plan of Study: Construction Trades Focus



Diploma: Lakeland Leading EDGE Core 40 with Academic Honors and Technical Honors

Career Goal: General Contractor, Carpenter, Construction Inspector, Construction Engineer, Construction Foreman, Plumber, Roofer

High School	Grade	English/ Language Arts	Math	Science	Social Studies	Other Required Courses	Additional Recommended Courses	Career Pathway Career & Technical Courses
	9	English 9	Geometry (or Algebra I)	Biology I	Geography	PE I and PE II Media Communications Foreign Language I		
	10	English 10	Algebra II Honors (or Geometry)	Chemistry	World History	Foreign Language II Fine Arts Course	Agriculture Power, Structure and Technology	Introduction to Construction
	11	AP Language & Composition or other English Course	Pre-Calculus or other math course	Biology II	US History / Government	Foreign Language III	Introduction to Business	Construction Trades I (Dual Credit)
College Placement Assessments (SAT, ACT, etc.) and Academic Career Advisement								
12	AP Literature & Composition or other English Course	Probability & Statistics or other math course		Economics	Community Service Senior Project	Professional Career Internship IMPACT Institute - HVAC		Construction Trades II (Dual Credit)

Occupations Relating to This Career Pathway

Occupations requiring postsecondary education	Bachelor Degree Required
<ul style="list-style-type: none"> ▶ Carpenter ▶ Code Official ▶ Concrete Finisher ▶ Design Builder ▶ Drywall Installer 	<ul style="list-style-type: none"> ▶ Construction Engineer ▶ Architect
<ul style="list-style-type: none"> ▶ Construction Foreman/Mgr ▶ Construction Inspector ▶ Contractor ▶ Electrician ▶ Electronic Systems Tech 	
<ul style="list-style-type: none"> ▶ Paperhanger ▶ Plumber ▶ Roofer ▶ Mason ▶ Painter 	
<ul style="list-style-type: none"> ▶ HVAC Mechanic ▶ Project Estimator ▶ Project Inspector ▶ Project Manager ▶ Safety Director 	
<ul style="list-style-type: none"> ▶ General Contractor ▶ Sheet Metal Worker ▶ Specialty Contractor ▶ Superintendent ▶ Tile and Marble Setter 	