



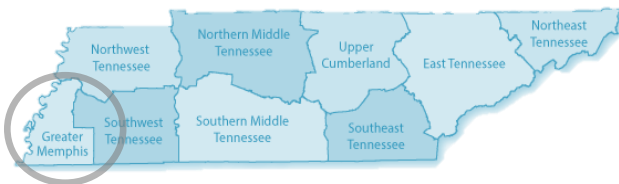
Architecture and Construction



Regional Career Opportunities – Listed by Highest Projected Demand



Landscaping & Groundskeeping Workers Annual Openings = 415 Median Wage = \$27,204	Construction Laborers Annual Openings = 510 Median Wage = \$31,846	Electricians Annual Openings = 250 Median Wage = \$51,503 ★	Construction Managers Annual Openings = 95 Median Wage = \$73,121	<i>Few regional occupations in this career cluster require education at this degree level.</i>
Cement Masons & Concrete Finishers Annual Openings = 45 Median Wage = \$36,731	Carpenters Annual Openings = 160 Median Wage = \$40,304	Plumbers, Pipefitters & Steamfitters Annual Openings = 210 Median Wage = \$55,682 ★	Cost Estimators Annual Openings = 60 Median Wage = \$60,053	
Plasterers & Stucco Masons Annual Openings = 5 Median Wage = \$39,957	Helpers – Pipelayers, Plumbers, Pipefitters & Steamfitters Annual Openings = 100 Median Wage = \$45,118 ★	Heating, Air Conditioning & Refrigeration Mechanics &... Annual Openings = 155 Median Wage = \$44,194 ★	Civil Engineers Annual Openings = 40 Median Wage = \$81,284	
Septic Tank Servicers & Sewer Pipe Cleaners Annual Openings = 5 Median Wage = \$36,712	Helpers – Electricians Annual Openings = 80 Median Wage = \$31,069	First-Line Supervisors of Construction Trades and... Annual Openings = 155 Median Wage = \$58,927 ★	Architects Annual Openings = 20 Median Wage = \$73,474	
<i>Few regional occupations in this career cluster require education at this degree level.</i>	Helpers – Installation, Maintenance & Repair Workers Annual Openings = 80 Median Wage = \$37,924	First-Line Supervisors of Landscaping, Lawn Service... Annual Openings = 70 Median Wage = \$49,220	Architectural and Civil Drafters Annual Openings = 15 Median Wage = \$48,758	



★ Top five high-value occupations in this cluster for the **Greater Memphis Region**

Occupations with the highest annual openings that are stable or growing with median wages above \$35,000 are considered high-value.

* = state data was used due to limitations in regional data.
 ** = national data was used due to limitations in regional and state data.





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Regional High School Requirements and Programs

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
English I	Algebra I	Biology	World History and Geography	Foreign Language I	Lifetime Wellness	Fine Arts Selection	Minimum of Three Courses <i>See Architecture and Construction career programs below.</i>
English II	Geometry	Chemistry	U.S. History	Foreign Language II	Strength and Exercise	-----	
English III	Algebra II	Physics	Economics and Government	-----	-----	-----	
English IV	4 th Math Course	-----	-----	-----	-----	-----	

Year	Architectural & Engineering Design	Residential & Commercial Construction	Additional Electives	Regional Postsecondary Schools	
9	Student Success	Student Success	<input type="checkbox"/> _____	Certificates and Associate's Degrees Community Colleges <ul style="list-style-type: none"> Southwest Tennessee Community College Tennessee College of Applied Technology 	Bachelor's and Advanced Degrees Colleges and Universities <ul style="list-style-type: none"> University of Memphis University of Tennessee <ul style="list-style-type: none"> - Heath Sciences Center - College of Medicine Rhodes College Christian Brothers University Le Moyne-Owen College
10	Career Success (LDC)	Career Success (LDC)	<input type="checkbox"/> _____		
11	Dual Enrollment Architectural & Engineering Design I	Dual Enrollment Residential & Commercial Construction I	<input type="checkbox"/> _____		
12	Dual Enrollment Architectural & Engineering Design II	Dual Enrollment Residential & Commercial Construction II	<input type="checkbox"/> _____		

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Electrician	Plumbing & Related Water Supply Services	HVAC Maintenance	Building Construction Technology	Landscaping & Groundskeeping
Bachelor's Degree	Construction Management	Facilities Planning & Management	Civil Engineering	Architecture	Architectural & Building Sciences
Advanced Degree	***	***	***	***	***

*** Few occupations in this career cluster require education at this degree level.