



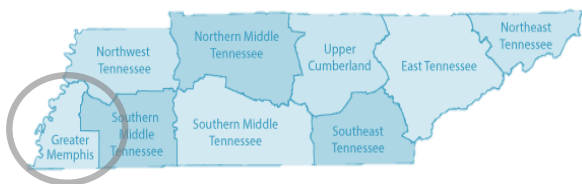
Architecture and Construction



Regional Career Opportunities – Listed by Highest Projected Demand



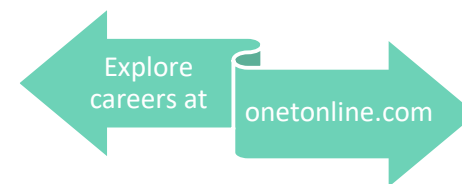
Cement Masons & Concrete Finishers Annual Openings = 45 Median Wage = \$37,160	Construction Laborers Annual Openings = 510 Median Wage = \$28,536	Maintenance & Repair Workers Annual Openings = 510 Median Wage = \$36,921 ★	Construction Managers Annual Openings = 95 Median Wage = \$73,761	Architectural and Engineering Managers Annual Openings = 45 Median Wage = \$122,554
Septic Tank Servicers & Sewer Pipe Cleaners Annual Openings = 5 Median Wage = \$39,655	Carpenters Annual Openings = 160 Median Wage = \$37,932	Electricians Annual Openings = 250 Median Wage = \$48,688 ★	Software Developers Annual Openings = 60 Median Wage = \$88,433	Operations Research Analysts Annual Openings = 30 Median Wage = \$62,576
Plasterers & Stucco Masons Annual Openings = 5 Median Wage = \$40,243	Helpers – Pipelayers, Plumbers, Pipefitters & Steamfitters Annual Openings = 100 Median Wage = \$35,828	Plumbers, Pipefitters & Steamfitters Annual Openings = 210 Median Wage = \$54,112 ★	Cost Estimators Annual Openings = 60 Median Wage = \$60,531	<i>Few regional occupations in this career cluster require education at this degree level.</i>
<i>Few regional occupations in this career cluster require education at this degree level.</i>	Helpers – Electricians Annual Openings = 80 Median Wage = \$29,227	Heating, Air Conditioning & Refrigeration Mechanics &... Annual Openings = 155 Median Wage = \$42,517 ★	Civil Engineers Annual Openings = 40 Median Wage = \$88,050	
	Helpers – Installation, Maintenance & Repair Workers Annual Openings = 80 Median Wage = \$36,945	Supervisors of Construction & Extraction Workers Annual Openings = 155 Median Wage = \$57,910 ★	Architects Annual Openings = 20 Median Wage = \$77,723	



★ Top five high-value occupations in this career 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 level data was used due to limitations in regional data.





Architecture and Construction

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
English II	Geometry	Chemistry	U.S. History	Foreign Language II	Strength and Exercise	-----	<i>Required: Freshman Mentoring Seminar</i>
English III	Algebra II	Physics	Economics and Government	-----	-----	-----	<i>See Architecture and Construction career programs below.</i>
English IV	4 th Math Course	-----	-----	-----	-----	-----	

Year	Architectural & Engineering Design Program	Residential & Commercial Construction Program	Additional Electives	Regional Postsecondary Schools	
9	Freshman Mentoring Seminar (required)	Freshman Mentoring Seminar (required)	<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
10	Career Success	Career Success	<input type="checkbox"/> _____	Community Colleges <ul style="list-style-type: none"> Southwest Tennessee Community College Tennessee College of Applied Technology 	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
11	Arch. and Eng. Design I	Res. and Comm. Constr. I	<input type="checkbox"/> _____		
12	Arch. and Eng. Design II	Res. and Comm. Constr. II	<input type="checkbox"/> _____		

Postsecondary Programs/Majors for Occupations in this Career Cluster

Certificate or AA	TBD	TBD	TBD	TBD	TBD
Bachelor's Degree	TBD	TBD	TBD	TBD	TBD
Advanced Degree	TBD	TBD	TBD	TBD	TBD

