



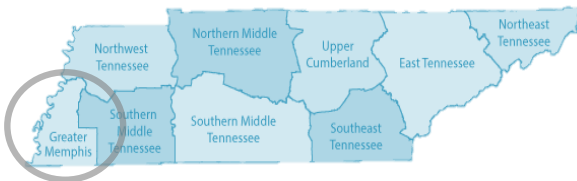
# Manufacturing



Regional Career Opportunities – Listed by Highest Projected Demand



Few regional occupations in this career cluster require education at this degree level.	<b>Helpers – Production Workers</b> Annual Openings = 1540 Median Wage = \$29,050*	<b>Automotive Service Technicians &amp; Mechanics</b> Annual Openings = 225 Median Wage = \$44,993 ★	<b>Purchasing Agents</b> Annual Openings = 55 Median Wage = no data	Few regional occupations in this career cluster require education at this degree level.
	<b>Packers &amp; Packagers</b> Annual Openings = 830 Median Wage = \$22,654	<b>Production, Planning &amp; Expediting Clerks</b> Annual Openings = 190 Median Wage = \$44,796 ★		
	<b>Team Assemblers</b> Annual Openings = 525 Median Wage = no data	<b>Machinists</b> Annual Openings = 160 Median Wage = \$45,936 ★		
	<b>Inspectors, Testers, Sorters &amp; Weighers</b> Annual Openings = 265 Median Wage = \$30,358	<b>Industrial Machinery Mechanics</b> Annual Openings = 110 Median Wage = \$54,872 ★		
	<b>Packaging &amp; Filling Machine Operators &amp; Tenders</b> Annual Openings = 245 Median Wage = \$26,022	<b>Welders, Cutters, Solderers &amp; Brazers</b> Annual Openings = 90 Median Wage = \$49,660 ★		



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.



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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>Required: Freshman Mentoring Seminar</i>  <i>See Manufacturing 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 <sup>th</sup> Math Course	-----	-----	-----	-----	-----	

Year	Welding Program	Machining Technology Program	Electromechanical Technology Program
9	Freshman Mentoring Seminar (required)	Freshman Mentoring Seminar (required)	Freshman Mentoring Seminar (required)
10	Career Success	Career Success	Career Success
11	Welding I	Machining Tech I	Electromechanical Tech I
12	Welding II	Machining Tech II	Electromechanical Tech II

Regional Postsecondary Schools	
Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
<b>Community Colleges</b> <ul style="list-style-type: none"> <li>Southwest Tennessee Community College</li> <li>Tennessee College of Applied Technology</li> </ul>	<b>Colleges and Universities</b> <ul style="list-style-type: none"> <li>University of Memphis</li> <li>University of Tennessee               <ul style="list-style-type: none"> <li>- Heath Sciences Center</li> <li>- College of Medicine</li> </ul> </li> <li>Rhodes College</li> <li>Christian Brothers University</li> <li>Le Moyne-Owen College</li> </ul>

## Postsecondary Programs/Majors for Occupations in this Career Cluster

Certificate or AA	Machine Tool Technology	Welding Technology	Electromechanical Technology	Industrial Mechanics and Maintenance Technology	Warehousing and Inventory Management
Bachelor's Degree	***	***	***	***	***
Advanced Degree	***	***	***	***	***

