



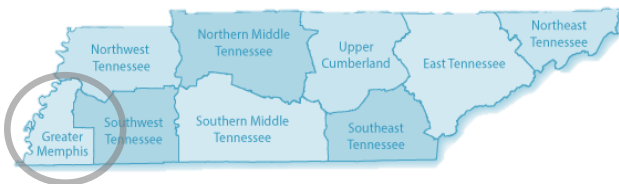
# Information Technology



Regional Career Opportunities – Listed by Highest Projected Demand



Job Zone 1 High School Diploma or Less	Job Zone 2 High School Diploma	Job Zone 3 Certificate or Associate's Degree	Job Zone 4 Bachelor's Degree	Job Zone 5 Master's or Doctorate Degree
<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>	<b>Computer User Support Specialists</b> Annual Openings = 220 Median Wage = \$47,120 ★	<b>Computer Systems Analysts</b> Annual Openings = 120 Median Wage = \$69,886 ★	<i>Few regional occupations in this career cluster require education at this degree level.</i>
		<b>Web Developers</b> Annual Openings = 40 Median Wage = \$56,510	<b>Software Developers, Applications</b> Annual Openings = 90 Median Wage = \$80,064 ★	
		<i>Few regional occupations in this career cluster require education at this degree level.</i>	<b>Network &amp; Computer Systems Administrators</b> Annual Openings = 80 Median Wage = \$74,608 ★	
			<b>Computer Occupations, All Other</b> Annual Openings = 65 Median Wage = \$78,509 ★	
			<b>Software Developers, Systems Software</b> Annual Openings = 60 Median Wage = \$88,433	



★ 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.





# Information Technology



## 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 Information Technology 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	Cybersecurity	Additional Electives	Regional Postsecondary Schools	
9	Student Success	<input type="checkbox"/> _____	<b>Certificates and Associate's Degrees</b>  <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>Bachelor's and Advanced Degrees</b>  <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>
10	Career Success (LDC)	<input type="checkbox"/> _____		
11	Dual Enrollment Cybersecurity I	<input type="checkbox"/> _____		
12	Dual Enrollment Cybersecurity II	<input type="checkbox"/> _____		

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

Level	Occupation	Computer Science	Computer & Information Systems Security	Cybersecurity	Information Sciences
Certificate or AA	Computer Support Specialist	***	***	***	***
Bachelor's Degree	Computer & Information Sciences	***	***	***	***
Advanced Degree	***	***	***	***	***