

















Career Clusters and Pathways

Career Cluster	Career Pathway	Career Cluster	Career Pathway	Career Cluster	Career Pathway
 Agriculture, Food & Natural Resources	<ul style="list-style-type: none"> • Agribusiness Systems • Animal Systems • Environmental Service Systems • Food Products & Processing Systems • Natural Resources Systems • Plant Systems • Power, Structural & Technical Systems 	 Government & Public Administration	<ul style="list-style-type: none"> • Foreign Service • Governance • National Security • Planning • Public Management & Administration • Regulation • Revenue & Taxation 	 Law, Public Safety, Corrections & Security	<ul style="list-style-type: none"> • Correction Services • Emergency & Fire Management Services • Law Enforcement Services • Legal Services • Security & Protective Services
 Architecture & Construction	<ul style="list-style-type: none"> • Construction • Design/Pre-Construction • Maintenance/Operations 	 Health Science	<ul style="list-style-type: none"> • Biotechnology Research & Development • Diagnostic Services • Health Informatics • Support Services • Therapeutic Services 	 Manufacturing	<ul style="list-style-type: none"> • Health, Safety & Environmental Assurance • Logistics & Inventory Control • Maintenance, Installation & Repair • Manufacturing Production Process Development • Production • Quality Assurance
 Arts, A/V Technology & Communications	<ul style="list-style-type: none"> • A/V Technology & Film • Journalism & Broadcasting • Performing Arts • Printing Technology • Telecommunications • Visual Arts 	 Hospitality & Tourism	<ul style="list-style-type: none"> • Lodging • Recreation, Amusements & Attractions • Restaurants & Food/Beverage Services • Travel & Tourism 	 Marketing	<ul style="list-style-type: none"> • Marketing Communications • Marketing Management • Marketing Research • Merchandising • Professional Sales
 Business, Management & Administration	<ul style="list-style-type: none"> • Administrative Support • Business Information Management • General Management • Human Resources Management • Operations Management 	 Human Services	<ul style="list-style-type: none"> • Consumer Services • Counseling & Mental Health Services • Early Childhood Development & Services • Family & Community Services • Personal Care Services 	 Science, Technology, Engineering & Mathematics	<ul style="list-style-type: none"> • Engineering & Technology • Science & Mathematics
 Education & Training	<ul style="list-style-type: none"> • Administration & Administrative Support • Professional Support Services • Teaching/Training 	 Information Technology	<ul style="list-style-type: none"> • Information Support & Services • Network Systems • Programming & Software Development • Web & Digital Communications 	 Transportation, Distribution & Logistics	<ul style="list-style-type: none"> • Facility & Mobile Equipment Maintenance • Health, Safety & Environmental Management • Logistics Planning & Management Services • Sales & Service • Transportation Operations • Transportation Systems/Infrastructure Planning, Management & Regulation • Warehousing & Distribution Center Operations
 Finance	<ul style="list-style-type: none"> • Accounting • Banking Services • Business Finance • Insurance • Securities & Investments 				



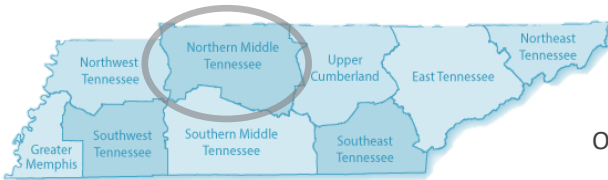
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Specialized Career Pathway for Rutherford County Schools



Regional Career Opportunities – Listed by Highest Projected Demand

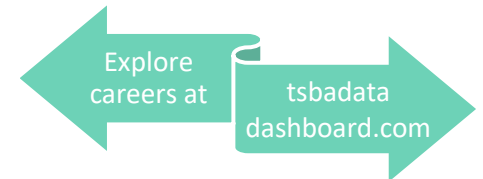
Job Zone 1 High School Diploma or Less	Job Zone 2 High School Diploma	Job Zone 3 Certificate or Associate's Degree	Job Zone 4 Bachelor's Degree	Job Zone 5 Master's or Doctorate Degree
<i>Few regional occupations in this pathway require education at this degree level.</i>	Laborers & Freight, Stock & Material Movers, Hand Annual Openings = 3628 Median Wage = \$27,544	Production, Planning, and Expediting Clerks Annual Openings = 354 Median Wage = \$45,491 ★	General and Operations Managers Annual Openings = 1418 Median Wage = \$90,231 ★	<i>Few regional occupations in this pathway require education at this degree level.</i>
	Stock Clerks & Order Fillers Annual Openings = 2302 Median Wage = \$24,983	Administrative Services Managers Annual Openings = 262 Median Wage = \$77,279 ★	Mangers, All Other (includes Supply Chain Managers) Annual Openings = 624 Median Wage = \$82,969 ★	
	Packers & Packers, Hand Annual Openings = 1239 Median Wage = \$22,429	Procurement Clerks Annual Openings = 47 Median Wage = \$41,920	Sales Managers Annual Openings = 302 Median Wage = \$94,724 ★	
	Industrial Truck & Tractor Operators Annual Openings = 863 Median Wage = \$32,543	<i>Few regional occupations in this pathway require education at this degree level.</i>	Transportation, Storage, and Distribution Mangers Annual Openings = 123 Median Wage = \$75,518	
	Production Workers Annual Openings = 277 Median Wage = \$31,112		Logisticians Annual Openings = 117 Median Wage = \$61,066	Data Source TSBA District Data Dashboard



★ Top five high-value occupations in this pathway for the Northern Middle Tennessee 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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Specialized Career Pathway for Rutherford County Schools



Regional High School Requirements and Programs (Grades 9-12)

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
English I	Integrated I	Biology	World History and Geography	Foreign Language I	Lifetime Wellness	Fine Arts Selection	Minimum of Three Courses <i>See career programs and electives below.</i>
English II	Integrated II	Chemistry	U.S. History and Geography	Foreign Language II	Physical Education (.5)	-----	
English III	Integrated III	Physics	Economics / Government	-----	-----	-----	One Additional Elective is Required
English IV	Upper Level Math	-----	Personal Finance (.5)	-----	-----	-----	

Career Programs	Career Program Courses	Additional Electives	Regional Postsecondary Schools	
<input type="checkbox"/> Supply Chain Management <i>*Note: Programs and courses may vary by high school.</i>	<input type="checkbox"/> Career Exploration <input type="checkbox"/> Foundations of Transportation, Distribution, & Logistics <input type="checkbox"/> Supply Chain Management I <input type="checkbox"/> Supply Chain Management II <input type="checkbox"/> Work-Based Learning / Practicum	English Language Arts <input type="checkbox"/> _____ <input type="checkbox"/> _____ Math <input type="checkbox"/> _____ <input type="checkbox"/> _____ Science <input type="checkbox"/> _____ <input type="checkbox"/> _____ Other <input type="checkbox"/> _____ <input type="checkbox"/> _____	Certificates and Associate's Degrees Community Colleges <ul style="list-style-type: none"> Motlow State Community College Tennessee College of Applied Technology Nashville State Community College 	Bachelor's and Advanced Degrees Colleges and Universities <ul style="list-style-type: none"> Middle Tennessee State University Tennessee State University University of Tennessee Vanderbilt University

Postsecondary Programs/Majors for Occupations in this Pathway

	Parts, Warehousing, and Inventory Management	Business Administration and Management	General Office and Clerical Services	***	***
Certificate or AA					
Bachelor's Degree	Business Administration and Management	Logistics, Materials, and Supply Chain Management	Consumer Merchandising/Retailing Management	Transportation/Mobility Management	Operations Management and Supervision
Advanced Degree	***	***	***	***	***