

















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 				

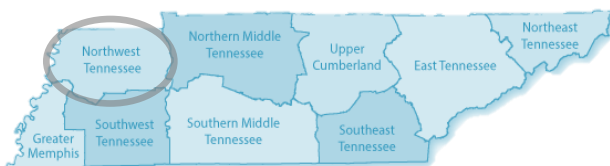


Agriculture, Food and Natural Resources



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
Farmworkers & Laborers, Crop, Nursery & Greenhouse Annual Openings = 290 Median Wage = \$20,181	Pest Control Workers Annual Openings = 20 Median Wage = \$30,296	Farm Equipment Mechanics & Service Technicians Annual Openings = 10 Median Wage = \$38,538* ★	Farmers, Ranchers, & Other Agricultural Managers Annual Openings = 320 Median Wage = \$51,565* ★	<i>Few regional occupations in this career cluster require education at this degree level.</i>
Agricultural Workers, All Other Annual Openings = 5 Median Wage = \$27,103*	Refuse & Recyclable Material Collectors Annual Openings = 5 Median Wage = \$29,777	Water & Waste Treatment Plant & Systems Operators Annual Openings = 10 Median Wage = \$37,015 ★	Environmental Science & Protection Technicians Annual Openings = 5 Median Wage = \$46,540** ★	
<i>Few regional occupations in this career cluster require education at this degree level.</i>	Log Graders & Scalers Annual Openings = no data Median Wage = \$43,059*	Forest & Conservation Technicians Annual Openings = 5 Median Wage = \$45,500** ★	<i>Few regional occupations in this career cluster require education at this degree level.</i>	
	Logging Workers, All Other Annual Openings = no data Median Wage = \$39,780**	Agriculture & Food Science Technicians Annual Openings = no data Median Wage = \$41,230**		
	<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>		



★ Top five high-value occupations in this cluster for the

Northwest Region

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

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Dyersburg City Schools



Agriculture, Food and Natural Resources

Regional High School Requirements and Programs

*Academic classes offered in Accelerated sections: English I, English II, Algebra I, Algebra II, Geometry, Biology, Chemistry, World Studies

†Academic classes offered in Advanced Placement sections: English III, English IV, 4th Math Course (Calculus), US Government, US History

**District requirement: Dyersburg City Schools requires additional elective courses to attain the required number of graduation requirements.



English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
English I*	Algebra I*	Biology*	World Studies*	Foreign Language I	Wellness Physical Education	Fine Arts Selection	Minimum of Three Credits <i>See career programs below.</i> Plus, an additional minimum of six elective credits.**
English II*	Algebra II*	Physical Science	Personal Finance Economics	Foreign Language II	-----	-----	
English III [†]	Geometry*	Chemistry*	US Government [†]	Foreign Language III	-----	-----	
English IV [†]	4 th Math Course [†]	4 th Science Course (Optional)	US History [†]	-----	-----	-----	

Level	Horticultural Science	Veterinary and Animal Science	Additional Electives	Regional Postsecondary Schools	
1	Agriscience	Agriscience	<input type="checkbox"/> Work-Based Learning <input type="checkbox"/> Agribusiness (offered every other year) <input type="checkbox"/> Ag Leadership <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2	Greenhouse Management	Small Animal		Community Colleges <ul style="list-style-type: none"> Dyersburg State Community College Tennessee College of Applied Technology Jackson State Community College 	Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Tennessee State University Bethel University Lane College
3		Large Animal			
4		Vet Science			

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Agricultural Mechanics & Equipment	Water Quality & Wastewater Treatment Management	Forest Technology / Technician	Food Technology & Processing	***
Bachelor's Degree	Agricultural Business & Management	Physical Science Technologies	***	***	***
Advanced Degree	***	***	***	***	***



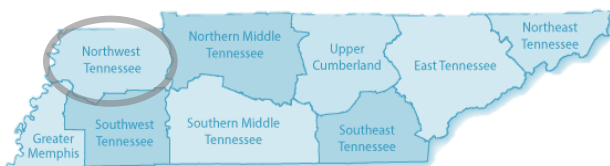


Marketing



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
Door-to-Door Sales Workers, News & Street Vendors... Annual Openings = no data Median Wage = \$27,420**	Cashiers Annual Openings = 520 Median Wage = \$19,323	Wholesale & Retail Buyers Annual Openings = 10 Median Wage = \$64,380**	Sales Representatives, Wholesale & Manufacturing, Except Technical... Annual Openings = 55 Median Wage = \$43,924 ★	<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>	Retail Salespersons Annual Openings = 360 Median Wage = \$20,109	<i>Few regional occupations in this career cluster require education at this degree level.</i>	Sales Representatives, Wholesale & Manufacturing, Technical... Annual Openings = 20 Median Wage = \$47,211 ★	
	First-Line Supervisors of Retail Sales Workers Annual Openings = 150 Median Wage = \$37,520 ★		First-Line Supervisors of Non-Retail Sales Workers Annual Openings = 15 Median Wage = \$74,419 ★	
	Counter & Rental Clerks Annual Openings = 30 Median Wage = \$21,718		Market Research Analysts & Marketing Specialists Annual Openings = 10 Median Wage = \$49,919 ★	
	Parts Salespersons Annual Openings = 25 Median Wage = \$28,441		Sales Managers Annual Openings = 10 Median Wage = \$96,854	



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Marketing

Regional High School Requirements and Programs

*Academic classes offered in Accelerated sections: English I, English II, Algebra I, Algebra II, Geometry, Biology, Chemistry, World Studies

†Academic classes offered in Advanced Placement sections: English III, English IV, 4th Math Course (Calculus), US Government, US History

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English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
English I*	Algebra I*	Biology*	World Studies*	Foreign Language I	Wellness Physical Education	Fine Arts Selection	Minimum of Three Credits <i>See career programs below.</i> Plus, an additional minimum of six elective credits.**
English II*	Algebra II*	Physical Science	Personal Finance Economics	Foreign Language II	-----	-----	
English III [†]	Geometry*	Chemistry*	US Government [†]	Foreign Language III	-----	-----	
English IV [†]	4 th Math Course [†]	4 th Science Course (Optional)	US History [†]	-----	-----	-----	

Level	Marketing Management	Additional Electives	Regional Postsecondary Schools	
1	Marketing I (satisfies ½ Economics credit)	<input type="checkbox"/> Work-Based Learning	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2	Marketing II	<input type="checkbox"/> _____	Community Colleges <ul style="list-style-type: none"> Dyersburg State Community College Tennessee College of Applied Technology Jackson State Community College 	Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Tennessee State University Bethel University Lane College
3	Advertising & Promotion	<input type="checkbox"/> _____		
4	Retail Operations	<input type="checkbox"/> _____		

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Apparel & Accessories Marketing Operations	***	***	***	***
Bachelor's Degree	Sales, Distribution, & Marketing Operations	Selling Skills & Sales Operations	Marketing Management	Applied Economics	Business Administration & Management
Advanced Degree	***	***	***	***	***



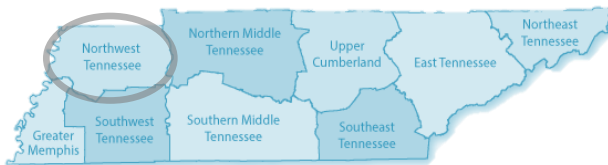


Science, Technology, Engineering and Mathematics



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
Few regional occupations in this career cluster require education at this degree level.	Few regional occupations in this career cluster require education at this degree level.	Few regional occupations in this career cluster require education at this degree level.	Engineers, All Other Annual Openings = 10 Median Wage = \$72,775 ★	Architectural & Engineering Managers Annual Openings = 5 Median Wage = \$104,549 ★
			Industrial Engineers Annual Openings = 10 Median Wage = \$85,376 ★	Physical Scientists, All Other Annual Openings = no data Median Wage = \$98,833*
			Mechanical Engineers Annual Openings = 10 Median Wage = \$59,750 ★	Few regional occupations in this career cluster require education at this degree level.
			Electrical Engineers Annual Openings = 5 Median Wage = \$81,550 ★	
			Few regional occupations in this career cluster require education at this degree level.	



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Science, Technology, Engineering and Mathematics

Regional High School Requirements and Programs



*Academic classes offered in Accelerated sections: English I, English II, Algebra I, Algebra II, Geometry, Biology, Chemistry, World Studies

†Academic classes offered in Advanced Placement sections: English III, English IV, 4th Math Course (Calculus), US Government, US History

**District requirement: Dyersburg City Schools requires additional elective courses to attain the required number of graduation requirements.

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
English I*	Algebra I*	Biology*	World Studies*	Foreign Language I	Wellness Physical Education	Fine Arts Selection	Minimum of Three Credits <i>See career programs below.</i> Plus, an additional minimum of six elective credits.**
English II*	Algebra II*	Physical Science	Personal Finance Economics	Foreign Language II	-----	-----	
English III [†]	Geometry*	Chemistry*	US Government [†]	Foreign Language III	-----	-----	
English IV [†]	4 th Math Course [†]	4 th Science Course (Optional)	US History [†]	-----	-----	-----	

Level	Advanced STEM Applications	Additional Electives	Regional Postsecondary Schools	
1	STEM I	<input type="checkbox"/> Work-Based Learning <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	Certificates and Associate's Degrees Community Colleges <ul style="list-style-type: none"> Dyersburg State Community College Tennessee College of Applied Technology Jackson State Community College 	Bachelor's and Advanced Degrees Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Tennessee State University Bethel University Lane College
2	STEM II			
3	STEM III			
4				

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	***	***	***	***	***
Bachelor's Degree	Engineering	Industrial Engineering	Mechanical Engineering	Electrical Engineering	***
Advanced Degree	Architectural Engineering	Physical Sciences	***	***	***



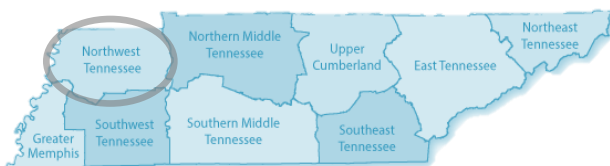


Education and Training



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
Few regional occupations in this career cluster require education at this degree level.	Few regional occupations in this career cluster require education at this degree level.	Teacher Assistants Annual Openings = 115 Median Wage = \$27,920**	Elementary School Teachers Annual Openings = 85 Median Wage = \$46,828 ★	Education Administrators, Elementary & Secondary Annual Openings = 20 Median Wage = \$77,450 ★
		Preschool Teachers Annual Openings = 25 Median Wage = \$23,239	All Teachers & Instructors Not Listed Separately Annual Openings = 60 Median Wage = \$43,393 ★	Educational, Guidance, School, & Vocational Counselors Annual Openings = 20 Median Wage = \$50,078*
		Self-Enrichment Education Teachers Annual Openings = 10 Median Wage = \$18,807	Secondary School Teachers Annual Openings = 50 Median Wage = \$48,764 ★	Instructional Coordinators Annual Openings = 15 Median Wage = \$67,645
		Library Technicians Annual Openings = 5 Median Wage = \$27,169	Middle School Teachers Annual Openings = 35 Median Wage = \$48,317 ★	Librarians Annual Openings = 10 Median Wage = \$59,500**
		Vocational Education Teachers, Postsecondary Annual Openings = 5 Median Wage = \$48,659*	Kindergarten Teachers Annual Openings = 15 Median Wage = \$44,328	Biological Science Teachers, Postsecondary Annual Openings = 5 Median Wage = \$65,694



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Dyersburg City Schools



Education and Training

Regional High School Requirements and Programs



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†Academic classes offered in Advanced Placement sections: English III, English IV, 4th Math Course (Calculus), US Government, US History

**District requirement: Dyersburg City Schools requires additional elective courses to attain the required number of graduation requirements.

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
English I*	Algebra I*	Biology*	World Studies*	Foreign Language I	Wellness Physical Education	Fine Arts Selection	Minimum of Three Credits <i>See career programs below.</i> Plus, an additional minimum of six elective credits.**
English II*	Algebra II*	Physical Science	Personal Finance Economics	Foreign Language II	-----	-----	
English III [†]	Geometry*	Chemistry*	US Government [†]	Foreign Language III	-----	-----	
English IV [†]	4 th Math Course [†]	4 th Science Course (Optional)	US History [†]	-----	-----	-----	

Level	Teaching as a Profession (K-12)	Additional Electives	Regional Postsecondary Schools	
1	Teaching as a Profession I	<input type="checkbox"/> Work-Based Learning <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2	Teaching as a Profession II		Community Colleges <ul style="list-style-type: none"> Dyersburg State Community College Tennessee College of Applied Technology Jackson State Community College 	Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Tennessee State University Bethel University Lane College
3				
4				

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Teacher Assistant/Aide	Early Childhood Education	Adult and Continuing Education & Teaching.	Library & Archives Assisting	Trade & Industrial Teacher Education
Bachelor's Degree	Elementary Education	Teacher Education (multiple areas)	Secondary Education & Teaching	Junior High/Middle School Education & Training	Kindergarten Education & Teaching
Advanced Degree	Educational Leadership & Administration	School Counseling & Guidance Services	Curriculum & Instruction	Library & Information Science	Biological Sciences



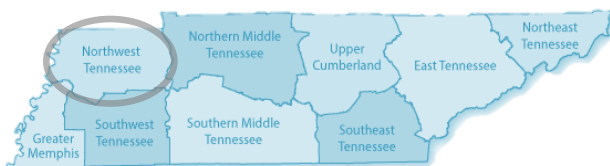
Law, Public Safety, Corrections and Security



Regional Career Opportunities – Listed by Highest Projected Demand



<i>Few regional occupations in this career cluster require education at this degree level.</i>	Correctional Officers & Jailers Annual Openings = 40 Median Wage = \$33,439	Police & Sheriff's Patrol Officers Annual Openings = 35 Median Wage = \$36,167 ★	Probation Officers & Correctional Treatment Specialists Annual Openings = 10 Median Wage = \$40,864* ★	Lawyers Annual Openings = 5 Median Wage = \$98,429 ★
	Security Guards Annual Openings = 10 Median Wage = \$24,323	Emergency Medical Technicians Annual Openings = 30 Median Wage = \$35,400** ★	<i>Few regional occupations in this career cluster require education at this degree level.</i>	Judges, Magistrate Judges, & Magistrates Annual Openings = no data Median Wage = \$123,279*
	Crossing Guards Annual Openings = 5 Median Wage = \$32,079*	Legal Secretaries Annual Openings = 20 Median Wage = \$28,284		<i>Few regional occupations in this career cluster require education at this degree level.</i>
	Police, Fire, & Ambulance Dispatchers Annual Openings = 5 Median Wage = \$29,757	First-Line Supervisors of Police & Detectives Annual Openings = 10 Median Wage = \$53,188 ★		
	Animal Control Workers Annual Openings = no data Median Wage = \$26,296	Detectives & Criminal Investigators Annual Openings = 5 Median Wage = \$47,135		



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Law, Public Safety, Corrections and Security

Regional High School Requirements and Programs



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†Academic classes offered in Advanced Placement sections: English III, English IV, 4th Math Course (Calculus), US Government, US History

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English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
English I*	Algebra I*	Biology*	World Studies*	Foreign Language I	Wellness Physical Education	Fine Arts Selection	Minimum of Three Credits <i>See career programs below.</i> Plus, an additional minimum of six elective credits.**
English II*	Algebra II*	Physical Science	Personal Finance Economics	Foreign Language II	-----	-----	
English III [†]	Geometry*	Chemistry*	US Government [†]	Foreign Language III	-----	-----	
English IV [†]	4 th Math Course [†]	4 th Science Course (Optional)	US History [†]	-----	-----	-----	

Level	Criminal Justice & Correction Services	Additional Electives	Regional Postsecondary Schools	
1	Criminal Justice I	<input type="checkbox"/> Work-Based Learning <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	Certificates and Associate's Degrees Community Colleges <ul style="list-style-type: none"> Dyersburg State Community College Tennessee College of Applied Technology Jackson State Community College 	Bachelor's and Advanced Degrees Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Tennessee State University Bethel University Lane College
2	Criminal Justice II			
3	Dual Enrollment Criminal Justice & Correction Services I			
4				

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Criminal Justice / Police Science	Emergency Medical Technology	Legal Administrative Assistant	Criminal Justice/Law Enforcement Administration	Protective Services Operations
Bachelor's Degree	Social Work	***	***	***	***
Advanced Degree	Law	Legal Research & Advanced Professional Studies	***	***	***



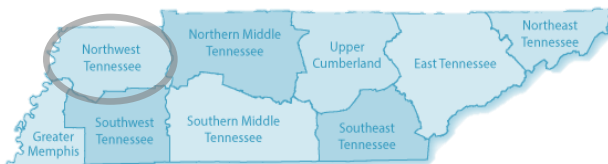


Manufacturing



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
Sewing Machine Operators Annual Openings = 25 Median Wage = \$27,510	Team Assemblers Annual Openings = 250 Median Wage = \$32,350**	Maintenance & Repair Workers Annual Openings = 90 Median Wage = \$37,758 ★	Purchasing Agents Annual Openings = 5 Median Wage = \$64,380**	<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 – Production Workers Annual Openings = 130 Median Wage = \$29,139	Industrial Machinery Mechanics Annual Openings = 50 Median Wage = \$53,772	<i>Few regional occupations in this career cluster require education at this degree level.</i>	
	First-Line Supervisors of Production & Operating Workers Annual Openings = 55 Median Wage = \$55,128 ★	Machinists Annual Openings = 45 Median Wage = \$44,866 ★		
	Inspectors, Testers, Sorters & Weighers Annual Openings = 55 Median Wage = \$33,263	Welders, Cutters, Solderers, & Brazers Annual Openings = 45 Median Wage = \$35,861 ★		
	Cutting, Punching, & Press Machine Setters, Operators &... Annual Openings = 40 Median Wage = \$29,902	First-Line Supervisors of Mechanics, Installers, & ... Annual Openings = 30 Median Wage = \$64,468 ★		



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Manufacturing

Regional High School Requirements and Programs



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English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
English I*	Algebra I*	Biology*	World Studies*	Foreign Language I	Wellness Physical Education	Fine Arts Selection	Minimum of Three Credits <i>See career programs below.</i> Plus, an additional minimum of six elective credits.**
English II*	Algebra II*	Physical Science	Personal Finance Economics	Foreign Language II	-----	-----	
English III [†]	Geometry*	Chemistry*	US Government [†]	Foreign Language III	-----	-----	
English IV [†]	4 th Math Course [†]	4 th Science Course (Optional)	US History [†]	-----	-----	-----	

Level	Welding	Additional Electives	Regional Postsecondary Schools	
1	Dual Enrollment Welding I	<input type="checkbox"/> Work-Based Learning <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	Certificates and Associate's Degrees Community Colleges <ul style="list-style-type: none"> Dyersburg State Community College Tennessee College of Applied Technology Jackson State Community College 	Bachelor's and Advanced Degrees Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Tennessee State University Bethel University Lane College
2	Dual Enrollment Welding II			
3	Dual Enrollment Welding III			
4				

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Building & Property Maintenance	Industrial Mechanics & Maintenance Technology	Machine Tool Technology	Welding Technology	Operations Management & Supervision
Bachelor's Degree	Sales, Distribution, & Marketing Operations	***	***	***	***
Advanced Degree	***	***	***	***	***





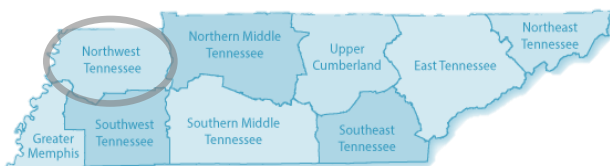
Business, Management and Administration



Regional Career Opportunities – Listed by Highest Projected Demand



Few regional occupations in this career cluster require education at this degree level.	Office Clerks, General Annual Openings = 245 Median Wage = \$28,609	Bookkeeping, Accounting, & Auditing Clerks Annual Openings = 110 Median Wage = \$33,387	General & Operations Managers Annual Openings = 80 Median Wage = \$69,743 ★	Chief Executives Annual Openings = 30 Median Wage = \$138,374*
	Stock Clerks & Order Fillers Annual Openings = 175 Median Wage = \$27,380**	First-Line Supervisors of Office & Administrative Support... Annual Openings = 95 Median Wage = \$42,499 ★	Managers, All Other Annual Openings = 30 Median Wage = no data	Few regional occupations in this career cluster require education at this degree level.
	Secretaries & Administrative Assistants Annual Openings = 170 Median Wage = \$32,942	Executive Secretaries & Executive Administrative Assistants Annual Openings = 15 Median Wage = \$49,012	Business Operations Specialists Annual Openings = 20 Median Wage = no data	
	Customer Service Representatives Annual Openings = 120 Median Wage = \$29,660	Administrative Services Managers Annual Openings = 10 Median Wage = \$96,940** ★	Human Resources Specialists Annual Openings = 15 Median Wage = \$43,992 ★	
	Receptionists & Information Clerks Annual Openings = 70 Median Wage = \$25,540	Human Resources Assistants Annual Openings = 5 Median Wage = \$37,318 ★	Industrial Production Managers Annual Openings = 10 Median Wage = \$95,669	



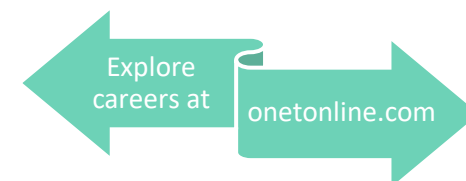
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Business, Management and Administration

Regional High School Requirements and Programs



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†Academic classes offered in Advanced Placement sections: English III, English IV, 4th Math Course (Calculus), US Government, US History

**District requirement: Dyersburg City Schools requires additional elective courses to attain the required number of graduation requirements.

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
English I*	Algebra I*	Biology*	World Studies*	Foreign Language I	Wellness Physical Education	Fine Arts Selection	Minimum of Three Credits <i>See career programs below.</i> Plus, an additional minimum of six elective credits.**
English II*	Algebra II*	Physical Science	Personal Finance Economics	Foreign Language II	-----	-----	
English III [†]	Geometry*	Chemistry*	US Government [†]	Foreign Language III	-----	-----	
English IV [†]	4 th Math Course [†]	4 th Science Course (Optional)	US History [†]	-----	-----	-----	

Level	Office Management	Health Services Administration	Additional Electives	Regional Postsecondary Schools	
1	Computer Applications	Health Science	<input type="checkbox"/> Work-Based Learning	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2	Business Communications	Business Management (Statewide Dual Credit)	<input type="checkbox"/> _____ <input type="checkbox"/> _____	Community Colleges <ul style="list-style-type: none"> Dyersburg State Community College Tennessee College of Applied Technology Jackson State Community College 	Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Tennessee State University Bethel University Lane College
3	Business Management (Statewide Dual Credit)		<input type="checkbox"/> _____ <input type="checkbox"/> _____		
4			<input type="checkbox"/> _____ <input type="checkbox"/> _____		

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Accounting Technology & Bookkeeping.	Office Management & Supervision	Administrative Assistant & Secretarial Science	Business Administration & Management	Human Resources
Bachelor's Degree	Operations Management & Supervision	Business Administration & Management	Business/Commerce	Human Resources	Engineering/Industrial Management
Advanced Degree	***	***	***	***	***

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



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Dyersburg City Schools

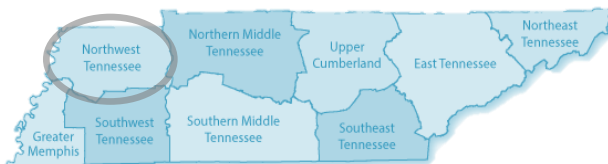


Health Science



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
Few regional occupations in this career cluster require education at this degree level.	Nursing Assistants Annual Openings = 230 Median Wage = \$29,660**	Licensed Practical & Licensed Vocational Nurses Annual Openings = 145 Median Wage = \$36,250 ★	Medical & Clinical Laboratory Technologists Annual Openings = 5 Median Wage = \$53,120**	Medical & Health Services Managers Annual Openings = 40 Median Wage = \$74,299 ★
	Home Health Aides Annual Openings = 110 Median Wage = \$25,280**	Registered Nurses Annual Openings = 80 Median Wage = \$55,836 ★	→ A bachelor's degree may be required for some registered nursing positions.	Physical Therapists Annual Openings = 20 Median Wage = \$80,636 ★
	Physical Therapist Aides Annual Openings = 10 Median Wage = \$20,568	Medical Assistants Annual Openings = 50 Median Wage = \$25,365	Few regional occupations in this career cluster require education at this degree level.	Nurse Practitioners Annual Openings = 10 Median Wage = \$91,574
	Medical Equipment Preparers Annual Openings = no data Median Wage = \$23,959	Physical Therapist Assistants Annual Openings = 25 Median Wage = \$59,457 ★		Pharmacists Annual Openings = 10 Median Wage = \$118,753
	Pharmacy Aides Annual Openings = no data Median Wage = \$19,557	Pharmacy Technicians Annual Openings = 20 Median Wage = \$31,299		Speech Language Pathologists Annual Openings = 10 Median Wage = \$58,344



★ Top five high-value occupations in this cluster for the

Northwest 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.





Health Science

Regional High School Requirements and Programs



*Academic classes offered in Accelerated sections: English I, English II, Algebra I, Algebra II, Geometry, Biology, Chemistry, World Studies

†Academic classes offered in Advanced Placement sections: English III, English IV, 4th Math Course (Calculus), US Government, US History

**District requirement: Dyersburg City Schools requires additional elective courses to attain the required number of graduation requirements.

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
English I*	Algebra I*	Biology*	World Studies*	Foreign Language I	Wellness Physical Education	Fine Arts Selection	Minimum of Three Credits <i>See career programs below.</i> Plus, an additional minimum of six elective credits.**
English II*	Algebra II*	Physical Science	Personal Finance Economics	Foreign Language II	-----	-----	
English III [†]	Geometry*	Chemistry*	US Government [†]	Foreign Language III	-----	-----	
English IV [†]	4 th Math Course [†]	4 th Science Course (Optional)	US History [†]	-----	-----	-----	

Level	Nursing Services	Additional Electives	Regional Postsecondary Schools	
1	Health Science Education	<input type="checkbox"/> Work-Based Learning <input type="checkbox"/> Medical Terminology <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2	Medical Therapeutics		Community Colleges <ul style="list-style-type: none"> Dyersburg State Community College Tennessee College of Applied Technology Jackson State Community College 	Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Tennessee State University Bethel University Lane College
3	Nursing Ed / Clinical Internship			
4				

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Licensed Practical / Vocational Nursing	Nursing	Medial / Clinical Assistant	Physical Therapy Technician/Assistant	Pharmacy Technician
Bachelor's Degree	Medical / Clinical Laboratory Science	Nursing	***	***	***
Advanced Degree	Healthcare Administration	Physical Therapy	Family Nurse Practitioner	Doctor of Pharmacy	Speech-Language Pathology