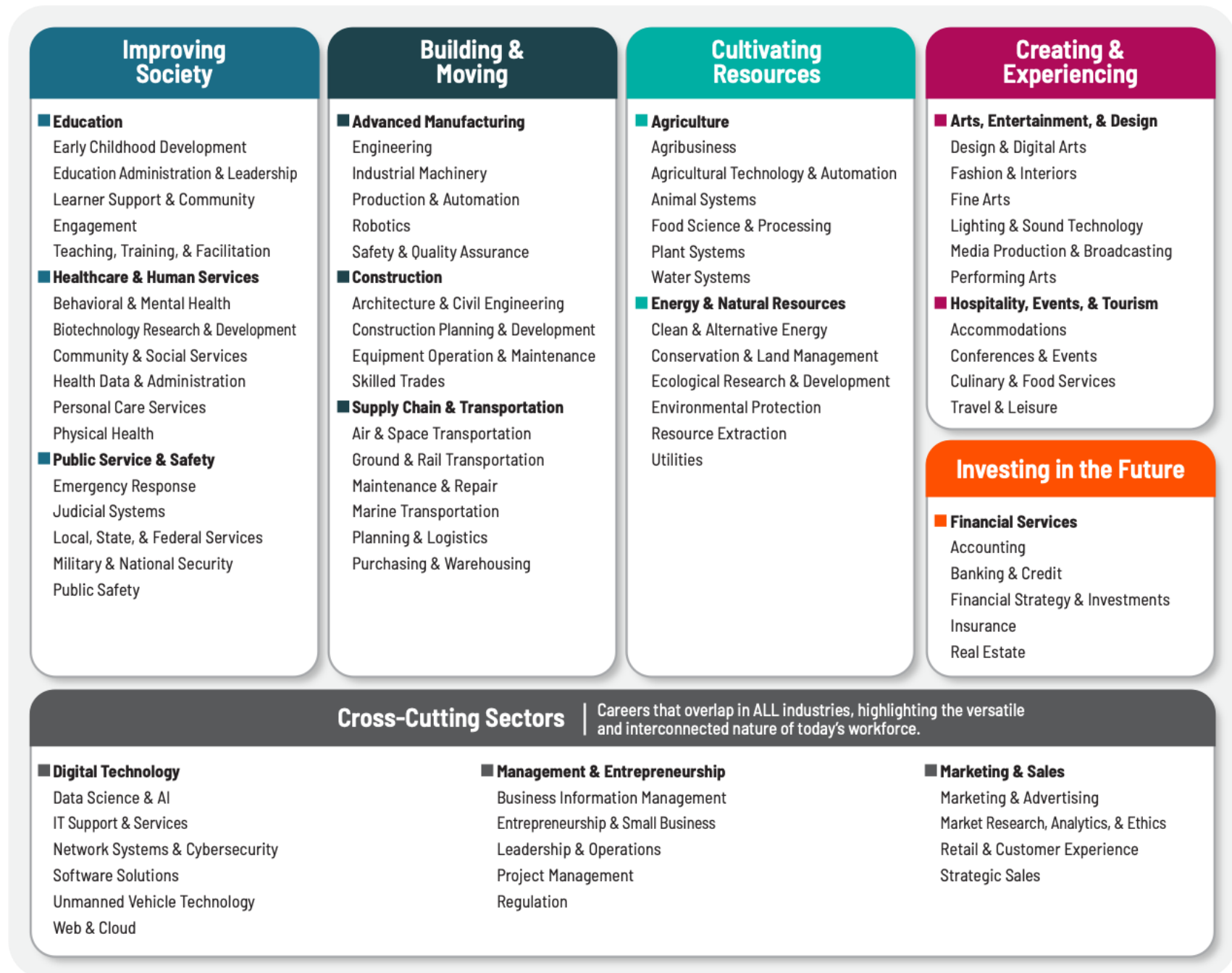


Career Clusters and Sub-Clusters



Advanced Manufacturing

Chester County Schools
Southwest Workforce Region
Chester, Decatur, Hardeman, Hardin, Haywood, Henderson, Madison, McNairy Counties

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 = 23 Median Wage = ***	★ Paper Goods Machine Setters, Operators, and Tenders Annual Openings = 31 Median Wage = \$44,497	★ First-Line Supervisors of Production and Operating Workers Annual Openings = 123 Median Wage = \$64,816	★ Industrial Production Managers Annual Openings = 27 Median Wage = \$105,603	★ Industrial Engineers Annual Openings = 22 Median Wage = \$82,693
Laundry and Dry-Cleaning Workers Annual Openings = 18 Median Wage = \$27,313	Miscellaneous Assemblers and Fabricators Annual Openings = 628 Median Wage = \$37,514	★ Machinists Annual Openings = 115 Median Wage = \$44,741	★ Electrical Engineers Annual Openings = 11 Median Wage = \$103,405	Environmental Scientists and Specialists, Including Health Annual Openings = 4 Median Wage = \$59,251
Conveyor Operators and Tenders Annual Openings = *** Median Wage = \$35,892	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic Annual Openings = 120 Median Wage = \$39,867	★ Industrial Machinery Mechanics Annual Openings = 59 Median Wage = \$63,770	★ Mechanical Engineers Annual Openings = 11 Median Wage = \$102,990	Architectural and Engineering Managers Annual Openings = *** Median Wage = \$125,889
Few occupations require the education level of this zone.	Inspectors, Testers, Sorters, Samplers, and Weighers Annual Openings = 84 Median Wage = \$37,616	★ First-Line Supervisors of Mechanics, Installers, and Repairers Annual Openings = 38 Median Wage = \$70,983	Industrial Engineering Technologists and Technicians Annual Openings = 15 Median Wage = ***	Natural Sciences Managers Annual Openings = *** Median Wage = \$98,124
	Welders, Cutters, Solderers, and Brazers Annual Openings = 69 Median Wage = \$42,858	★ Electrical and Electronics Repairers, Commercial and Industrial Equipment Annual Openings = 25 Median Wage = \$61,351	Materials Engineers Annual Openings = *** Median Wage = \$105,573	Engineers, All Other Annual Openings = *** Median Wage = \$84,514

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$43,820.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics

Advanced Manufacturing

Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Other Courses
9th	English I (Honors Option)	Algebra I	Lab Science	World History	-----	Lifetime Wellness (Gym/Classroom)	Fine Art Credit	Computer Science Personal Finance
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band		
11th	English III (Honors/DE Option)	Algebra II	Chemistry	US History (DE Option)	Spanish II	-----		
12th	English IV (AP/DE option)	4 th Math Course	-----	-----	-----	-----		

Yr	Welding	Mechatronics	Additional Electives	Regional Postsecondary Schools	
9th	DE Welding I (TCAT)	DE Mechatronics I (TCAT)	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
10th	DE Welding II (TCAT)	DE Mechatronics II (TCAT)		Community Colleges <ul style="list-style-type: none"> Tennessee College of Applied Technology Jackson State Community College Columbia State Community College 	Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Freed Hardeman University Lane College Bethel University Union University
11th	DE Welding III (TCAT)	DE Mechatronics III (TCAT)			
12th	DE Welding IV (TCAT)				

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Building / Property Maintenance	Machine Tool Technology	Parts, Warehousing, & Inventory Management Operations	Vehicle Maintenance & Repair Technologies	Combination Welding Technology
Bachelor's Degree	Sales, Distribution, & Marketing Operations	***	***	***	***
Advanced Degree	***	***	***	***	***

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

Agriculture

Chester County Schools
Southwest Workforce Region

Chester, Decatur, Hardeman, Hardin, Haywood, Henderson, Madison, McNairy Counties

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
Agricultural Equipment Operators Annual Openings = 157 Median Wage = ***	Animal Caretakers Annual Openings = 31 Median Wage = \$29,081	Farm Equipment Mechanics and Service Technicians Annual Openings = 10 Median Wage = ***	Foresters Annual Openings = *** Median Wage = \$63,898	Architectural and Engineering Managers Annual Openings = *** Median Wage = \$125,889
Farmworkers and Laborers, Crop, Nursery, and Greenhouse Annual Openings = 113 Median Wage = \$28,369	Veterinary Assistants and Laboratory Animal Caretakers Annual Openings = 14 Median Wage = ***	First-Line Supervisors of Farming, Fishing, and Forestry Workers Annual Openings = *** Median Wage = \$61,381	Environmental Engineering Technologists and Technicians Annual Openings = *** Median Wage = \$31,088	Veterinarians Annual Openings = *** Median Wage = \$104,657
Logging Equipment Operators Annual Openings = 18 Median Wage = \$44,378	Butchers and Meat Cutters Annual Openings = 7 Median Wage = \$29,266	Forest and Conservation Technicians Annual Openings = *** Median Wage = \$44,583	Few occupations require the education level of this zone.	Engineers, All Other Annual Openings = *** Median Wage = \$84,514
Meat, Poultry, and Fish Cutters and Trimmers Annual Openings = 7 Median Wage = \$27,450	Agricultural Inspectors Annual Openings = *** Median Wage = \$44,960	Veterinary Technologists and Technicians Annual Openings = *** Median Wage = \$33,905		Biological Scientists, All Other Annual Openings = *** Median Wage = \$60,618
Fallers Annual Openings = *** Median Wage = \$43,891	Pesticide Handlers, Sprayers, and Applicators, Vegetation Annual Openings = *** Median Wage = \$41,341	Few occupations require the education level of this zone.		Few occupations require the education level of this zone.

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$43,820.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics

Agriculture

Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Other Courses
9th	English I (Honors Option)	Algebra I	Lab Science	World History	-----	Lifetime Wellness (Gym/Classroom)	Fine Art Credit	Computer Science Personal Finance
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band		
11th	English III (Honors/DE Option)	Algebra II	Chemistry	US History (DE Option)	Spanish II	-----		
12th	English IV (AP/DE option)	4 th Math Course	-----	-----	-----	-----		

Yr	Horticulture Science	Vet & Animal Science	Additional Electives	Regional Postsecondary Schools	
9th	Agriscience	Ag Science	<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
10th	DE Horticulture Science I/ Plant Science	DE Vet & Animal Science/Small Animal Science	<input type="checkbox"/> _____	Community Colleges <ul style="list-style-type: none"> Tennessee College of Applied Technology Jackson State Community College 	Colleges and Universities <ul style="list-style-type: none"> University of Tennessee University of Memphis MTSU TSU TTU Austin Peay
11th	DE Horticulture Science II/ Greenhouse	DE Vet & Animal Science/Large Animal Science	<input type="checkbox"/> _____		
12th	WBL Career Practicum	WBL Career Practicum	<input type="checkbox"/> _____		

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Water Quality & Wastewater Treatment Management	Food Technology & Processing	Agricultural Business & Management	Forest Technology	***
Bachelor's Degree	Biology Technician	Physical Science Technologies	Environmental Engineering Technology	Forest Technology	Agricultural / Farm Supplies Retailing & Wholesaling
Advanced Degree	Environmental Engineering	Natural Sciences	***	***	***

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

Construction

Chester County Schools
Southwest Workforce Region
Chester, Decatur, Hardeman, Hardin, Haywood, Henderson, Madison, McNairy Counties

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
Logging Equipment Operators Annual Openings = 18 Median Wage = \$44,378	★ Operating Engineers and Other Construction Equipment Operators Annual Openings = 24 Median Wage = \$45,712	★ Maintenance and Repair Workers, General Annual Openings = 110 Median Wage = \$44,862	★ Cost Estimators Annual Openings = 9 Median Wage = \$62,685	Architectural and Engineering Managers Annual Openings = *** Median Wage = \$125,889
Cement Masons and Concrete Finishers Annual Openings = 15 Median Wage = \$44,340	★ Carpenters Annual Openings = 22 Median Wage = \$46,644	★ Electricians Annual Openings = 56 Median Wage = \$50,339	★ Civil Engineers Annual Openings = 7 Median Wage = \$81,126	Engineers, All Other Annual Openings = *** Median Wage = \$84,514
Painting, Coating, and Decorating Workers Annual Openings = 5 Median Wage = \$37,326	★ Paving, Surfacing, and Tamping Equipment Operators Annual Openings = 13 Median Wage = \$46,535	★ Maintenance Workers, Machinery Annual Openings = 42 Median Wage = \$60,324	Construction Managers Annual Openings = 22 Median Wage = \$82,264	Architects, Except Landscape and Naval Annual Openings = *** Median Wage = \$65,190
Few occupations require the education level of this zone.	★ Millwrights Annual Openings = 6 Median Wage = \$55,416	★ First-Line Supervisors of Mechanics, Installers, and Repairers Annual Openings = 38 Median Wage = \$70,983	Surveyors Annual Openings = *** Median Wage = \$45,760	Few occupations require the education level of this zone.
	Construction Laborers Annual Openings = 85 Median Wage = \$37,797	★ Heating, Air Conditioning, and Refrigeration Mechanics and Installers Annual Openings = 36 Median Wage = \$44,219	Few occupations require the education level of this zone.	

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$43,820.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics

Construction

Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Other Courses
9th	English I (Honors Option)	Algebra I	Lab Science	World History	-----	Lifetime Wellness (Gym/Classroom)	Fine Art Credit	Computer Science Personal Finance
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band		
11th	English III (Honors/DE Option)	Algebra II	Chemistry	US History (DE Option)	Spanish II	-----		
12th	English IV (AP/DE option)	4 th Math Course	-----	-----	-----	-----		

Yr	Construction	Additional Electives	Regional Postsecondary Schools	
9th	DE Residential & Commercial Construction I (TCAT)	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
10th	DE Residential & Commercial Construction II (TCAT)		Community Colleges <ul style="list-style-type: none"> TN college of Applied Technology (TCAT) 	Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Tennessee College of Applied Technology University of Memphis - Lambuth
11th	DE Residential & Commercial Construction III (TCAT)			
12th				

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Electrician Helper	General Construction	Carpenter	Plumber Helper	***
Bachelor's Degree	Architecture	Interior Architecture	Construction Science & Management	Business Administration	***
Advanced Degree	Dual Masters Architecture and Landscape Architecture	Civil Engineer	***	***	***

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

Digital Technology

Chester County Schools
 Southwest Workforce Region
 Chester, Decatur, Hardeman, Hardin, Haywood, Henderson, Madison, McNairy Counties

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 occupations require the education level of this zone.	Few occupations require the education level of this zone.	★Computer User Support Specialists Annual Openings = 11 Median Wage = \$45,832	★Computer Occupations, All Other Annual Openings = 11 Median Wage = \$50,879	★Computer Systems Analysts Annual Openings = 17 Median Wage = \$74,035
		Web Developers Annual Openings = *** Median Wage = \$65,566	★Computer and Information Systems Managers Annual Openings = 10 Median Wage = \$110,625	Few occupations require the education level of this zone.
		Few occupations require the education level of this zone.	★Computer Network Support Specialists Annual Openings = 7 Median Wage = \$56,395	
			★Network and Computer Systems Administrators Annual Openings = 6 Median Wage = \$74,621	
			Computer Programmers Annual Openings = 3 Median Wage = \$65,901	

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$43,820.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics

Digital Technology

Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Other Courses
9th	English I (Honors Option)	Algebra I	Lab Science	World History	-----	Lifetime Wellness (Gym/Classroom)	Fine Art Credit	Computer Science Personal Finance
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band		
11th	English III (Honors/DE Option)	Algebra II	Chemistry	US History (DE Option)	Spanish II	-----		
12th	English IV (AP/DE option)	4 th Math Course	-----	-----	-----	-----		

Yr	Coding
9th	Computer Science Foundations
10th	Coding I
11th	Coding II
12th	Coding Practicum

Additional Electives
<input type="checkbox"/> _____
<input type="checkbox"/> _____
<input type="checkbox"/> _____
<input type="checkbox"/> _____
<input type="checkbox"/> _____
<input type="checkbox"/> _____

Regional Postsecondary Schools	
Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
Community Colleges <ul style="list-style-type: none">Tennessee College of Applied TechnologyJackson State Community CollegeColumbia State Community College	Colleges and Universities <ul style="list-style-type: none">University of TennesseeFreed Hardeman UniversityLane CollegeBethel UniversityUnion University

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Computer Support Specialist	Computer Science	***	***	***
Bachelor's Degree	Computer Systems Analysis	Computer Science	Network & System Administration	Computer & Information Sciences	Computer Programming
Advanced Degree	***	***	***	***	***

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

Education

Chester County Schools
Southwest Workforce Region

Chester, Decatur, Hardeman, Hardin, Haywood, Henderson, Madison, McNairy Counties

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 occupations require the education level of this zone.	Childcare Workers Annual Openings = 58 Median Wage = \$23,127	Residential Advisors Annual Openings = 65 Median Wage = \$29,904	★ Elementary School Teachers, Except Special Education Annual Openings = 76 Median Wage = \$49,466	★ Educational, Guidance, and Career Counselors and Advisors Annual Openings = 19 Median Wage = \$50,093
	Library Assistants, Clerical Annual Openings = *** Median Wage = \$25,212	Preschool Teachers, Except Special Education Annual Openings = 18 Median Wage = \$41,709	★ Secondary School Teachers, Except Special and Career/Technical Education Annual Openings = 43 Median Wage = \$52,648	★ Education Administrators, Kindergarten through Secondary Annual Openings = 16 Median Wage = \$80,296
	Few occupations require the education level of this zone.	Career/Technical Education Teachers, Postsecondary Annual Openings = 9 Median Wage = \$53,251	★ Middle School Teachers, Except Special and Career/Technical Education Annual Openings = 39 Median Wage = \$50,180	★ Instructional Coordinators Annual Openings = 11 Median Wage = \$65,047
		Self-Enrichment Teachers Annual Openings = *** Median Wage = \$33,371	★ Management Analysts Annual Openings = 29 Median Wage = \$78,547	★ Librarians and Media Collections Specialists Annual Openings = 10 Median Wage = \$53,406
		Tutors Annual Openings = *** Median Wage = \$30,113	★ Kindergarten Teachers, Except Special Education Annual Openings = 17 Median Wage = \$50,126	★ Biological Science Teachers, Postsecondary Annual Openings = 8 Median Wage = \$61,991

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$43,820.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics

Education

Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Other Courses
9th	English I (Honors Option)	Algebra I	Lab Science	World History	-----	Lifetime Wellness (Gym/Classroom)	Fine Art Credit	Computer Science Personal Finance
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band		
11th	English III (Honors/DE Option)	Algebra II	Chemistry	US History (DE Option)	Spanish II	-----		
12th	English IV (AP/DE option)	4 th Math Course	-----	-----	-----	-----		

Yr	Teaching as a Profession
9th	Intro to Teaching as a Profession
10th	Teaching as a Profession I
11th	Teaching as a Profession II
12th	Teaching as a Profession Practicum

Additional Electives
<input type="checkbox"/> _____
<input type="checkbox"/> _____
<input type="checkbox"/> _____
<input type="checkbox"/> _____
<input type="checkbox"/> _____
<input type="checkbox"/> _____

Regional Postsecondary Schools	
Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
Community Colleges <ul style="list-style-type: none"> Jackson State Community College 	Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Freed Hardeman University Lane College Bethel University Union University University of Memphis - Lambuth

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Teacher Assistant/Aide	Early Childhood Education	Adult & Continuing Education & Teaching.	Technical Teacher Education	Library & Archives Assisting
Bachelor's Degree	Elementary Education	Secondary Education & Teaching	Teacher Education (multiple areas)	Special Education & Teaching	Junior High/Middle School Education & Training
Advanced Degree	Teacher Assistant/Aide	Early Childhood Education	Adult & Continuing Education & Teaching.	Technical Teacher Education	Library & Archives Assisting

Financial Services

Chester County Schools
Southwest Workforce Region
Chester, Decatur, Hardeman, Hardin, Haywood, Henderson, Madison, McNairy Counties

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 occupations require the education level of this zone.	Tellers Annual Openings = 41 Median Wage = \$36,371	Bookkeeping, Accounting, and Auditing Clerks Annual Openings = 128 Median Wage = \$41,728	★ Accountants and Auditors Annual Openings = 70 Median Wage = \$66,072	Financial Specialists, All Other Annual Openings = *** Median Wage = \$56,212
	Insurance Claims and Policy Processing Clerks Annual Openings = 11 Median Wage = \$37,825	Billing and Posting Clerks Annual Openings = 59 Median Wage = \$36,615	★ Personal Financial Advisors Annual Openings = 24 Median Wage = \$60,456	Few occupations require the education level of this zone.
	Bill and Account Collectors Annual Openings = *** Median Wage = \$33,404	Real Estate Sales Agents Annual Openings = 8 Median Wage = \$37,662	★ Compliance Officers Annual Openings = 13 Median Wage = \$53,916	
	Few occupations require the education level of this zone.	Loan Interviewers and Clerks Annual Openings = 6 Median Wage = \$45,067	★ Loan Officers Annual Openings = 12 Median Wage = \$62,452	
		New Accounts Clerks Annual Openings = 6 Median Wage = ***	★ Claims Adjusters, Examiners, and Investigators Annual Openings = 7 Median Wage = \$69,098	

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$43,820.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics

Financial Services

Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Other Courses
9th	English I (Honors Option)	Algebra I	Lab Science	World History	-----	Lifetime Wellness (Gym/Classroom)	Fine Art Credit	Computer Science Personal Finance
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band		
11th	English III (Honors/DE Option)	Algebra II	Chemistry	US History (DE Option)	Spanish II	-----		
12th	English IV (AP/DE option)	4 th Math Course	-----	-----	-----	-----		

Yr	Accounting
9th	Introduction to Business & Marketing
10th	Accounting I
11th	Accounting II
12th	-----

Additional Electives
<input type="checkbox"/> _____
<input type="checkbox"/> _____
<input type="checkbox"/> _____
<input type="checkbox"/> _____
<input type="checkbox"/> _____
<input type="checkbox"/> _____

Regional Postsecondary Schools	
Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
Community Colleges <ul style="list-style-type: none"> Tennessee College of Applied Technology Jackson State Community College Columbia State Community College 	Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Freed Hardeman University Lane College Bethel University Union University

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Banking & Financial Support Services	Credit Management	Taxation	General Office Occupations & Clerical Services	Accounting Technology
Bachelor's Degree	Accounting & Finance	Financial Management Services	Insurance	Health / Medical Claims Examiner	Investments & Securities
Advanced Degree	***	***	***	***	***

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

Healthcare & Human Services

Chester County Schools
Southwest Workforce Region
Chester, Decatur, Hardeman, Hardin, Haywood, Henderson, Madison, McNairy Counties

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 occupations require the education level of this zone.	Home Health and Personal Care Aides Annual Openings = 446 Median Wage = \$27,686	★ Licensed Practical and Licensed Vocational Nurses Annual Openings = 162 Median Wage = \$47,045	★ Medical and Health Services Managers Annual Openings = 53 Median Wage = \$95,880	★ Registered Nurses Annual Openings = 236 Median Wage = \$65,216
	Cooks, Institution and Cafeteria Annual Openings = 91 Median Wage = \$29,809	★ Physical Therapist Assistants Annual Openings = 29 Median Wage = \$56,675	★ Child, Family, and School Social Workers Annual Openings = 17 Median Wage = \$48,564	★ Healthcare Social Workers Annual Openings = 47 Median Wage = \$58,484
	Medical Secretaries and Administrative Assistants Annual Openings = 78 Median Wage = \$35,567	★ Radiologic Technologists and Technicians Annual Openings = 16 Median Wage = \$59,991	★ Social and Community Service Managers Annual Openings = 11 Median Wage = \$76,097	★ Nurse Practitioners Annual Openings = 37 Median Wage = \$106,158
	Veterinary Assistants and Laboratory Animal Caretakers Annual Openings = 14 Median Wage = ***	★ Healthcare Support Workers, All Other Annual Openings = 13 Median Wage = \$50,419	★ Community Health Workers Annual Openings = 7 Median Wage = \$48,211	★ Clinical Laboratory Technologists and Technicians Annual Openings = 33 Median Wage = \$60,159
	Funeral Attendants Annual Openings = 11 Median Wage = ***	★ Dental Hygienists Annual Openings = 11 Median Wage = \$72,099	Rehabilitation Counselors Annual Openings = 33 Median Wage = \$35,744	★ Educational, Guidance, and Career Counselors and Advisors Annual Openings = 19 Median Wage = \$50,093

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$43,820.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics

Healthcare & Human Services

Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Other Courses
9th	English I (Honors Option)	Algebra I	Lab Science	World History	-----	Lifetime Wellness (Gym/Classroom)	Fine Art Credit	Computer Science
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band		Personal Finance
11th	English III (Honors/DE Option)	Algebra II	Chemistry	US History (DE Option)	Spanish II	-----		Medical Terminology (DE)
12th	English IV (AP/DE option)	4 th Math Course	-----	-----	-----	-----		

Yr	Nursing Services	Therapeutic Services	Sports & Human Performance	Diagnostics Services	Emergency Services	Regional Postsecondary Schools	
9th	Health Science Education	Health Science Education	Health Science Education	Health Science Education	Health Science Education	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
10th	A&P TCAT DE or Medical Therapeutics	A&P TCAT DE or Medical Therapeutics	A&P TCAT DE or Rehab Careers	A&P TCAT DE or Diagnostic Medicine	A&P TCAT DE or Medical Therapeutics	Community Colleges <ul style="list-style-type: none"> Tennessee College of Applied Technology Jackson State Community College 	Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Freed Hardeman University Bethel University Union University University of Memphis - Lambuth
11th	A&P TCAT DE or Medical Therapeutics	A&P TCAT DE or Medical Therapeutics	A&P TCAT DE or Rehab Careers or Medical Therapeutics	A&P TCAT DE or Diagnostic Medicine	A&P TCAT DE or Medical Therapeutics		
12th	Nursing Education	Clinical Internship	Clinical Internship	Clinical Internship	Emergency Medical Services		

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Nursing	Medial / Clinical Assistant	Licensed Practical / Vocational Nursing	Pharmacy Technician	Dental Assistant
Bachelor's Degree	Medical / Clinical Laboratory Science	Bioengineering	Recreational Therapy	***	***
Advanced Degree	Healthcare Administration	Family Nurse Practitioner	Doctor of Medicine	Doctor of Pharmacy	Physical Therapy

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

Hospitality, Events, & Tourism

Chester County Schools
Southwest Workforce Region
Chester, Decatur, Hardeman, Hardin, Haywood, Henderson, Madison, McNairy Counties

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
Fast Food and Counter Workers Annual Openings = 629 Median Wage = \$26,535	★ Food Service Managers Annual Openings = 68 Median Wage = \$47,221	★ First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers Annual Openings = 11 Median Wage = \$49,281	Recreation Workers Annual Openings = 38 Median Wage = \$28,601	Few occupations require the education level of this zone.
Maids and Housekeeping Cleaners Annual Openings = 156 Median Wage = \$27,437	★ First-Line Supervisors of Housekeeping and Janitorial Workers Annual Openings = 16 Median Wage = \$44,449	Janitors and Cleaners, Except Maids and Housekeeping Cleaners Annual Openings = 230 Median Wage = \$29,862	Entertainment and Recreation Managers, Except Gambling Annual Openings = *** Median Wage = \$77,222	
Cooks, Fast Food Annual Openings = 151 Median Wage = \$27,190	★ Coin, Vending, and Amusement Machine Servicers and Repairers Annual Openings = 5 Median Wage = \$47,023	Chefs and Head Cooks Annual Openings = *** Median Wage = \$52,237	Fundraisers Annual Openings = *** Median Wage = \$60,089	
Landscaping and Groundskeeping Workers Annual Openings = 105 Median Wage = \$32,711	Waiters and Waitresses Annual Openings = 227 Median Wage = \$22,312	Few occupations require the education level of this zone.	Lodging Managers Annual Openings = *** Median Wage = \$46,725	
Dining Room and Cafeteria Attendants and Bartender Helpers Annual Openings = 38 Median Wage = \$21,658	Food Preparation Workers Annual Openings = 221 Median Wage = \$24,907		Meeting, Convention, and Event Planners Annual Openings = *** Median Wage = \$43,392	

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$43,820.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics

Hospitality, Events, & Tourism

Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Other Courses
9th	English I (Honors Option)	Algebra I	Lab Science	World History	-----	Lifetime Wellness (Gym/Classroom)	Fine Art Credit	Computer Science Personal Finance
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band		
11th	English III (Honors/DE Option)	Algebra II	Chemistry	US History (DE Option)	Spanish II	-----		
12th	English IV (AP/DE option)	4 th Math Course	-----	-----	-----	-----		

Yr	Hospitality and Tourism Management	Additional Electives	Regional Postsecondary Schools	
9th	DE Retail and Hospitality I (TCAT)	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
10th	DE Retail and Hospitality 2 (TCAT)		Community Colleges <ul style="list-style-type: none"> TN College of Applied Technology (TCAT) Jackson State Community College Dyersburg State Community 	Colleges and Universities <ul style="list-style-type: none"> University of TN Bethel University University of Memphis Union University
11th	DE Retail and Hospitality 3 (TCAT)			
12th	DE Retail and Hospitality 4 (TCAT) or Work-Based Learning: Career Practicum			

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Hotel Management	Hospitality and culinary Technology	ServSafe Manager Certificate	NRF Customer Service & Sales Certificate	***
Bachelor's Degree	Hospitality and Resort Management	Hospitality Management	Sport and Hospitality Management	Hotel, restaurant, and tourism	***
Advanced Degree	Retail, Hospitality, and Tourism Management	***	***	***	***

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

Management & Entrepreneurship

Chester County Schools
Southwest Workforce Region
Chester, Decatur, Hardeman, Hardin, Haywood, Henderson, Madison, McNairy Counties

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 occupations require the education level of this zone.	Office Clerks, General Annual Openings = 421 Median Wage = \$34,130	★ First-Line Supervisors of Office and Administrative Support Workers Annual Openings = 141 Median Wage = \$56,689	★ General and Operations Managers Annual Openings = 155 Median Wage = \$80,080	★ Financial Managers Annual Openings = 46 Median Wage = \$114,345
	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive Annual Openings = 144 Median Wage = \$36,758	Payroll and Timekeeping Clerks Annual Openings = 11 Median Wage = \$38,549	★ Human Resources Specialists Annual Openings = 39 Median Wage = \$58,867	Chief Executives Annual Openings = *** Median Wage = \$119,168
	Cooks, Institution and Cafeteria Annual Openings = 91 Median Wage = \$29,809	Human Resources Assistants, Except Payroll and Timekeeping Annual Openings = 4 Median Wage = \$39,151	★ Management Analysts Annual Openings = 29 Median Wage = \$78,547	Operations Research Analysts Annual Openings = *** Median Wage = \$80,303
	Mail Clerks and Mail Machine Operators, Except Postal Service Annual Openings = 7 Median Wage = \$33,848	Administrative Services Managers Annual Openings = *** Median Wage = \$96,664	★ Industrial Production Managers Annual Openings = 27 Median Wage = \$105,603	Few occupations require the education level of this zone.
	Data Entry Keyers Annual Openings = 4 Median Wage = \$35,837	Chefs and Head Cooks Annual Openings = *** Median Wage = \$52,237	★ Training and Development Specialists Annual Openings = 13 Median Wage = \$55,065	

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

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Source: U.S. Bureau of Labor Statistics

Management & Entrepreneurship

Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Other Courses
9th	English I (Honors Option)	Algebra I	Lab Science	World History	-----	Lifetime Wellness (Gym/Classroom)	Fine Art Credit	Computer Science Personal Finance
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band		
11th	English III (Honors/DE Option)	Algebra II	Chemistry	US History (DE Option)	Spanish II	-----		
12th	English IV (AP/DE option)	4 th Math Course	-----	-----	-----	-----		

Yr	Business Management
9th	Introduction to Business and Marketing
10th	Accounting I
11th	Business Management
12th	WBL: Career Practicum

Additional Electives
<input type="checkbox"/> _____
<input type="checkbox"/> _____
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<input type="checkbox"/> _____

Regional Postsecondary Schools	
Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
Community Colleges <ul style="list-style-type: none">Tennessee College of Applied TechnologyJackson State Community CollegeColumbia State Community College	Colleges and Universities <ul style="list-style-type: none">University of TennesseeFreed Hardeman UniversityLane CollegeBethel UniversityUnion University

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Office Management & Supervision	Accounting Technology / Technician and Bookkeeping	Business Administration & Management	Administrative Assistant & Secretarial Science	Human Resources Management / Personnel Administration
Bachelor's Degree	Business Administration & Management	Business/Commerce, General	Management Science	Human Resources Management & Services	Human Resources Development
Advanced Degree	Organizational Leadership	Entrepreneurship	Operations Research	***	***

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

Civics, Public Service & Safety

Chester County Schools
Southwest Workforce Region
Chester, Decatur, Hardeman, Hardin, Haywood, Henderson, Madison, McNairy Counties

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 occupations require the education level of this zone.	★ Correctional Officers and Jailers Annual Openings = 58 Median Wage = \$47,729	★ Police and Sheriff's Patrol Officers Annual Openings = 29 Median Wage = \$49,039	★ Management Analysts Annual Openings = 29 Median Wage = \$78,547	★ Lawyers Annual Openings = 15 Median Wage = \$101,566
	★ Postal Service Mail Carriers Annual Openings = 46 Median Wage = \$54,267	★ Paralegals and Legal Assistants Annual Openings = 21 Median Wage = \$46,655	★ Probation Officers and Correctional Treatment Specialists Annual Openings = 14 Median Wage = \$51,596	Environmental Scientists and Specialists, Including Health Annual Openings = 4 Median Wage = \$59,251
	★ Postal Service Clerks Annual Openings = 17 Median Wage = \$60,330	★ First-Line Supervisors of Firefighting and Prevention Workers Annual Openings = 10 Median Wage = \$47,599	★ Compliance Officers Annual Openings = 13 Median Wage = \$53,916	Few occupations require the education level of this zone.
	★ Dispatchers, Except Police, Fire, and Ambulance Annual Openings = 16 Median Wage = \$44,577	Eligibility Interviewers, Government Programs Annual Openings = 9 Median Wage = \$41,637	★ Social and Community Service Managers Annual Openings = 11 Median Wage = \$76,097	
	★ First-Line Supervisors of Police and Detectives Annual Openings = 12 Median Wage = \$61,894	Construction and Building Inspectors Annual Openings = 5 Median Wage = \$47,319	★ Computer Occupations, All Other Annual Openings = 11 Median Wage = \$50,879	

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

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Source: U.S. Bureau of Labor Statistics

Civics, Public Service & Safety

Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
9th	English I (Honors Option)	Algebra I	Lab Science	World History	-----	Lifetime Wellness (Gym/Classroom)	Fine Art Credit	Computer Science Personal Finance
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band		
11th	English III (Honors/DE Option)	Algebra II	Chemistry	US History (DE Option)	Spanish II	-----		
12th	English IV (AP/DE option)	4 th Math Course	-----	-----	-----	-----		

Yr	Criminal Justice & Correction Services
9th	DE Criminal Justice I (TCAT)
10th	DE Criminal Justice II (TCAT)
11th	Criminal Justice III
12th	-----

Additional Electives
<input type="checkbox"/> _____
<input type="checkbox"/> _____
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<input type="checkbox"/> _____

Regional Postsecondary Schools	
Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
Community Colleges <ul style="list-style-type: none"> Tennessee College of Applied Technology Jackson State Community College Columbia State Community College 	Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Freed Hardeman University Lane College Bethel University Union University

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Criminal Justice / Police Science	Emergency Medical Technology	Fire Safety & Prevention Technologies	Legal Administrative Assistant	Criminal Justice/Law Enforcement Administration
Bachelor's Degree	Social Work	Forensic Science Technology	***	***	***
Advanced Degree	Law	Legal Research & Advanced Professional Studies	***	***	***

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

Supply Chain & Transportation

Chester County Schools
Southwest Workforce Region
Chester, Decatur, Hardeman, Hardin, Haywood, Henderson, Madison, McNairy Counties

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 occupations require the education level of this zone.	★ Heavy and Tractor-Trailer Truck Drivers Annual Openings = 383 Median Wage = \$48,206	★ Automotive Service Technicians and Mechanics Annual Openings = 58 Median Wage = \$46,182	★ Industrial Production Managers Annual Openings = 27 Median Wage = \$105,603	Natural Sciences Managers Annual Openings = *** Median Wage = \$98,124
	★ Production, Planning, and Expediting Clerks Annual Openings = 47 Median Wage = \$46,673	★ Bus and Truck Mechanics and Diesel Engine Specialists Annual Openings = 44 Median Wage = \$48,326	★ Transportation, Storage, and Distribution Managers Annual Openings = 16 Median Wage = \$79,628	Few occupations require the education level of this zone.
	★ Automotive Body and Related Repairers Annual Openings = 24 Median Wage = \$45,187	★ First-Line Supervisors of Mechanics, Installers, and Repairers Annual Openings = 38 Median Wage = \$70,983	★ Logisticians Annual Openings = 14 Median Wage = \$48,024	
	★ Coating, Painting, and Spraying Machine Setters, Operators, and Tenders Annual Openings = 19 Median Wage = \$45,611	Civil Engineering Technologists and Technicians Annual Openings = 14 Median Wage = \$40,972	★ Purchasing Managers Annual Openings = 4 Median Wage = \$109,088	
	Laborers and Freight, Stock, and Material Movers, Hand Annual Openings = 291 Median Wage = \$35,007	Mechanical Engineering Technologists and Technicians Annual Openings = 7 Median Wage = ***	Buyers and Purchasing Agents Annual Openings = 18 Median Wage = \$60,547	

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Source: U.S. Bureau of Labor Statistics

Supply Chain & Transportation

Regional High School Requirements and Programs

Yr	English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
9th	English I (Honors Option)	Algebra I	Lab Science	World History	-----	Lifetime Wellness (Gym/Classroom)	Fine Art Credit	Computer Science Personal Finance
10th	English II (Honors Option)	Geometry	Biology	Government and Economics	Spanish I	PE or Sport/Band		
11th	English III (Honors/DE Option)	Algebra II	Chemistry	US History (DE Option)	Spanish II	-----		
12th	English IV (AP/DE option)	4 th Math Course	-----	-----	-----	-----		

Yr	Automotive Maintenance & Light Repair	Automotive Collision Repair	Additional Electives	Regional Postsecondary Schools	
9th	Maintenance & Light Repair I	DE Collision Repair I (TCAT)	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
10th	Maintenance & Light Repair II	DE Collision Repair II (TCAT)		Community Colleges <ul style="list-style-type: none"> Tennessee College of Applied Technology Jackson State Community College Columbia State Community College 	Colleges and Universities <ul style="list-style-type: none"> University of Tennessee Freed Hardeman University Lane College Bethel University Union University
11th	Maintenance & Light Repair III	DE Collision Repair III (TCAT)			
12th	Maintenance & Light Repair IV/ WBL Career Practicum	DE Collision Repair IV (TCAT)			

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA	Automotive Mechanics Technology	Diesel Mechanics Technology	Heavy Equipment Maintenance Technology	Aircraft Maintenance Technology	Marine Science
Bachelor's Degree	Transportation / Mobility Management	Operations Management & Supervision	Airline / Commercial / Professional Pilot	***	***
Advanced Degree	***	***	***	***	***

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