

2011 Ohio CTE Career Fields, Pathways, and Specializations

Career Fields	Pathways	Specializations
Agricultural and Environmental Systems	Agricultural and Industrial Equipment Agribusiness and Production Systems Horticulture Natural Resource Management Animal Science and Management Food Science and Technology Biotechnology for Food, Plant and Animal Science	
Arts and Communications	Visual Design and Imaging Occupations Media Arts Occupations Performing Arts Occupations	
Business and Administrative Services	Business Management Administrative and Professional Support Medical Management and Support Legal Management and Support	
Construction Technologies	Pre-construction Design	
	Construction Management	
	Construction	Carpentry Brick, Block and Cement Masonry Electrical Environmental Controls Technology Plumbing and Pipefitting Heavy Equipment Operations Interior Design Applications Wood Product Technology Building Technology Building and Property Maintenance
Education and Training	Teaching Professions Early Childhood Education	
Engineering and Science Technologies	Science	Energy Science Biomedical Science (PLTW)
	Engineering	Engineering Technology Power Transmission Telecommunications (PLTW) Engineering Science with Focus areas in: Aerospace Biotechnology and Engineering Civil Engineering and Architecture Computational Science and Engineering Computer Integrated Manufacturing Fuel Cell Technology Materials Joining Technology
Finance	Financial Services Accounting	

Career Fields	Pathways	Specializations
Government and Public Administration	Government and Public Administration	
Health Science	Clinical Health Care Services	Phlebotomist Practical Nurse Medical Assistant Massage therapist Nurse Assistant Dental Assistant Pharmacy Technician Surgical Technician Emergency Medical Service (EMS) Exercise Science/Sports and Recreation Health Care Patient Care Technician Community Health Aide Home Health Aide Optometric Occupations Dental Laboratory Technician
	Health Information Management Services	Health Unit Coordinator
	Support Services	
	Bioscience Research and Development (R&D)	Biotechnology Health Science Biomedical Science (PLTW) Medical Laboratory Technician
Hospitality and Tourism	Lodging and Travel Services Culinary Arts and Food Service Management	
Human Services	Family and Community Services	
	Personal Services	Cosmetology Barbering
Information Technology	Information Services and Support Network Systems Programming and Software Development Interactive Media	
Law and Public Safety	Criminal Justice	Criminal Justice Private Security
	Forensic Science	Criminal Science Technology
	Fire Science	Firefighter EMT-Secondary
	Emergency Medical Technician-Paramedic	
	Law Pathway	Legal Careers

Career Field	Pathways	Specializations
Manufacturing Technologies	Manufacturing Operations	
	Development and Design	
	Manufacturing Production	Precision Machining Automation and Robotics Electronics Welding Wood Products Technology Integrated Systems Technology
Marketing	Marketing Management Marketing Communications Procurement, Acquisition, Logistics and Supply Chain Management Entrepreneurship	
Transportation Systems	Air Transportation	Aviation Occupations Aircraft Maintenance Ground Operations
	Ground Transportation	Auto Collision Repair Auto Technology Auto Specialization Power Equipment
	Maritime Occupations	