

The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fuel, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

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	Agricultural Sales •	Bioinformatics Specialists	Agricultural Educators •	Machine Operators •	Cartographers •	Pollution Prevention and	Salesperson • Sales Manager
Sample Career Specialties /	Agricultural	Plant Breeders and	Livestock producers • AI	Electronics Systems	Wildlife Managers •	Control Managers •	Banker/Loan Officer    Field
	Communications	Geneticists •	Technicians-Aquaculturalists	Technicians • Agricultural	Range Technicians •	Pollution Prevention and	Representative for Bank,
	Specialists • Agricultural-	Biotechnology Lab	Animal Caretakers-Poultry	Engineers • Agricultural	Ecologists Park	Control Technicians●	Insurance Company or
	Educators • Food	Technician ● Soil & Water	Managers • Equine	Extension Engineering	Mangers ●	Environmental Sampling	Government Program
	Scientists • Meat	Specialists • Crop Farm	Managers-Veterinarians •	Specialists • Heavy	Environmental	and Analysis	Farm Investment Manager
	Processors-Toxicologists	Managers • Agricultural	Veterinary Assistants-	Equipment Maintenance	Interpreters • Fish and	Scientists/Technicians●	Agricultural Commodity
	Biochemists-	Educators • Plant	Feedlot Specialists • Animal	Technicians • Recycling	Game Officers Loggers	Health and Safety	Broker
	Nutritionists-Dieticians •	Pathologists •	Scientists •Embryo	Technicians • Waste Water	• Forest Technicians •	Sanitarians	Agricultural Economist
	Food Brokers-Food	Aquaculturalists • Sales	Technologists • Livestock	Treatment Plant Operators	Log Graders ● Pulp and	Environmental	Farmer /Rancher/Feedlot
	Inspectors • Meat Cutters-	Representatives •	Buyers ● Feed Sales	<ul> <li>Equipment/Parts</li> </ul>	Paper Manager Soil	Compliance Assurance	Operator
	Meat Graders ● Meat	Botanists • Tree Surgeons	Representatives • Vivarian	Managers ● Welders ●	Geology Technician ●	Managers  ◆ Hazardous	Farm Manager    Livestock
	Science Researchers •	<ul> <li>Education &amp; Extension</li> </ul>	Technicians ● Wildlife	Machinists ●	Geologists	Materials Handlers ●	Rancher / Breeder • Dairy
	Food Meal Supervisors •	Specialists • Agricultural	Biologists • Livestock	Communication	Engineers Fisheries	Hazardous Materials	Herd Supervisor (DHIA) ●
ie	Cheese Makers ●	Journalists • Commodity	Geneticists • Animal	Technicians • Agricultural	Technicians   ◆ Water	Technicians / Managers  ●	Agricultural Products Buyer •
	Microbiologists • Produce	Marketing Specialists	Nutritionists • Dairy	Applications Software	Monitoring Technician	Water Environment	Animal Health Products
Occupations	Buyers ● Bacteriologists ●	●Grain Operations	Producers● Livestock	Developers/Programmers •	<ul> <li>Hydrologists ● Fish</li> </ul>	Managers • Water Quality	Distributor • Livestock Seller
	Food & Drug Inspectors •	Superintendents •Custom	Inspectors • Feed Sales	Database Administrators •	Hatchery Manager	Managers  ◆ Waste Water	• Feed and Supply Store
	Bioengineers ●	Hay/Silage Operators ●	Specialists   Animal Health	Computer Service	Commercial Fishermen	Managers  ◆ Toxicologists  ◆	Manager   ◆ Produce
	Biochemists ● Food &	Forest Geneticists • Golf	Salespersons • Meat Science	Technical Support	<ul> <li>Fishing Vessel</li> </ul>	Solid Waste Disposers /	Commission Agent ● Ag
) ii	Fiber Engineers ● Food	Course Superintendents •	Researcher •Reproductive	Technicians ● Information	Operators • Vessel	Recyclers● Solid Waste	Lenders
<b>3</b> 2	Processors • Storage	Greenhouse Mangers •	Physiologists • Embryo	Lab Specialists ●GPS	Crew • Agricultural	Technician   Solid Waste	Agricultural Chemical Dealer
	Supervisors Fieldman •	Growers • Farmers	Transfer Technicians • Pet	Technicians   ● Remote	Educator	Managers • Solid Waste	• Field Service Representative
	Quality Control Specialists	•Ranchers	Shop Operators •USDA	Sensing		Specialists • Agricultural	Chemical Sales
			Inspectors	Specialist • Agricultural		Educator	Representative•Agricultural
				Educator			Educator
	Food Products and	Plant Systems	Animal Systems	Power, Structural &	Natural Resources	Environmental	Agribusiness Systems
Pathways	Processing Systems	(Agronomic,	(Large animals, small	Technical Systems	Systems	Service Systems	(Sales, Service, Farm and
	(Food Processing and	Horticulture, Forestry,	animals, wildlife animals,	(Power, Structures,	(Habitat	(Pollution Prevention,	Ranch Management,
	preserving, Packaging,	Turf, Viticulture, Soils,	and research animals)	Controls, Geospatial	Conservation, Forest	Water & Air Quality,	Entrepreneurship,
			and research animais)		′		
	Distribution,	etc.)		Technology, Computer	Products, Parks and	Hazardous Materials,	Economics, etc.)
	Government			Systems, Electronics,	Recreation, Mining,	Solid Waste	
	monitoring &			Hydraulics, Pneumatics,	Environmental	Management, Health &	
	regulation)			etc.)	Services, Fisheries,	Safety Sanitation, etc.)	
	-				Soil Conservation,		
					etc.)		
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The Common Career Technical Core (CCTC) includes a set of standards for each of the 16 Career Clusters<sup>TM</sup> and their corresponding Career Pathways that define what students should know and be able to do after completing instruction in a program of study. The CCTC also includes an overarching set of Career Ready Practices that apply to all programs of study. The Career Ready Practices include 12 statements that address the knowledge, skills and dispositions that are important to becoming career ready.

