

## CTE AND CAREER CLUSTERS

Career and technical education (CTE) is the practice of teaching specific career skills in preparation for high-skill, in-demand employment. CTE has 16 different tracks (Career Clusters) students can pursue. Careers with the same foundational knowledge and skills are grouped in the same cluster. Following identifies the Career Clusters applicable to IECC’s career and technical education and the corresponding programs.

<b>Career Cluster: Agriculture, Food, and Natural Resources</b>	
Agricultural Technology/Business Degree, WVC	Mine Electrical Maint III Certificate, FCC
Agricultural Technology/Production Degree, WVC	Precision Agriculture Certificate, WVC
Coal Mining Maintenance I Certificate, FCC	Professional Ag Applicator Certificate, WVC
Coal Mining Technology Certificate and Degree, FCC	Turf and Landscape Design Certificate, WVC
<b>Career Cluster: Architecture and Construction</b>	
Alternative Fuels Certificate, WVC	Gas Utility Construction & Srv, FCC
Electrical Distribution Systems Certificate and Degree, FCC	Industrial Maintenance HVAC I Certificate, OCC
Energy Technology Degree, WVC	
<b>Career Cluster: Arts, Audio/Video Technology and Communications</b>	
Broadband Technician Certificate, LTC	Social Media Management Certificate, WVC
Music and Media Certificate and Degree, WVC	Sports Marketing and Media Degree, WVC
Radio/TV and Digital Media Degree, WVC	
<b>Career Cluster: Business Management and Administration</b>	
Customer Service Management Certificate, LTC	Philanthropy Certificate, LTC
Entrepreneurship Certificate, WVC	Public Service Management Certificate, LTC
Human Resource Assistant Degree, OCC	Small Business Development Certificate, LTC/OCC/WVC
MS Office Specialist Certificate, OCC	Special Event Management Certificate, LTC
Office Administration Certificate and Degree, OCC	Supervisory Skills Certificate, LTC
Office Management Degree, LTC	Workplace Skills Certificate, LTC
<b>Career Cluster: Finance</b>	
Accounting Degree, OCC	QuickBooks Certificate, OCC
Professional Bookkeeper Certificate, OCC	
<b>Career Cluster: Health Science</b>	
Associate Degree in Nursing, FCC/LTC/OCC/WVC	Medical Assistant Certificate, FCC, LTC
Basic Nurse Assistant Training Progr Cert, FCC/LTC/OCC/WVC	Medical Coding Associate Certificate, OCC
Certified Medical Assistant Degree, FCC, LTC	Medical Laboratory Technician Degree, FCC
Emergency Medical Responder Certificate, FCC	Phlebotomy Certificate, FCC
EMT Certificate, FCC	Physical Therapist Assistant Degree, WVC
Health Careers Certificate, FCC, LTC, OCC, WVC	Practical Nursing Certificate, OCC
Health Information Technology Degree, OCC	Radiography Degree, OCC
Massage Therapy Certificate, OCC	
<b>Career Cluster: Human Services</b>	
Cosmetology Certificate, OCC	Early Childhood – ECE Level 3 Credential Certificate, WVC
Cosmetology Teacher Certificate, OCC	Human and Behavioral Health Degree, WVC
Early Childhood Education Degree, WVC	Nail Technology Certificate, OCC
Early Childhood – ECE Level 2 Credential Certificate, WVC	
<b>Career Cluster: Information Technology</b>	
Combination Technician Certificate, LTC	Network Technician Certificate, OCC
Graphic Arts and Design Degree, FCC	Networking Certificate, LTC
Graphic Design Certificate, FCC	Outside Plant Technician Certificate, LTC
Information Systems Technology Degree, OCC	

<b>Career Cluster: Law, Public Safety, Corrections &amp; Security</b>	
Administration of Justice Degree, OCC	Fire Science Degree, FCC
Advanced Suppression Specialist Certificate, FCC	Fire Service Administrator Certificate, FCC
Basic Fire Suppression Tech Certificate, FCC	
<b>Career Cluster: Manufacturing</b>	
Advanced Manufacturing Degree, WVC	Process Technology Certificate and Degree, LTC
Automation Technician Certificate, OCC	Production Technician Certificate, OCC
Equipment Technician Certificate, OCC	Welding Certificate, LTC (C571), OCC (C276)
Gunsmithing Certificate and Degree, WVC	Welding and Cutting Certificate, OCC
Industrial Maintenance Technology Degree, OCC	Welding and Fabricating Degree, OCC
Operations Technician Certificate, OCC	
<b>Career Cluster: Marketing</b>	
Marketing Business Management Degree, WVC	Real Estate Certificate, WVC
<b>Career Cluster: Transportation, Distribution &amp; Logistics</b>	
Auto Body Certificate, OCC	Automotive Service Technology Degree, OCC
Auto Light Repair Tech Certificate, FCC	Automotive Technology Degree, FCC
Auto Maintenance & Repair Certificate, OCC	Basic Auto Body Certificate, OCC
Auto Service Technology I Certificate, OCC	Collision Repair Technology Degree, OCC
Auto Service Technology II Certificate, OCC	Diesel Equipment Technology Degree, WVC
Automotive Repair Technician Certificate, OCC	Light Vehicle Diesel Service Certificate, FCC/OCC
Automotive Service Specialist Certificate, FCC	Truck Driving Certificate, WVC