

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.

Career Cluster: Agriculture, Food, and Natural Resources	
Agricultural Technology/Business Degree, WVC	Mine Electrical Maint III Certificate, WVC
Agricultural Technology/Production Degree, WVC	Precision Agriculture Certificate, WVC
Coal Mining Maintenance I Certificate, WVC	Professional Ag Applicator Certificate, WVC
Coal Mining Technology Certificate and Degree, WVC	Turf and Landscape Design Certificate, WVC
Career Cluster: Architecture and Construction	
Alternative Fuels Certificate, WVC	Electrical Distribution Systems Certificate, FCC
Construction Technician Certificate, FCC/LTC	Energy Technology Degree, WVC
Construction Technology Degree, FCC/LTC	Industrial Maintenance HVAC I Certificate, OCC
Career Cluster: Arts, Audio/Video Technology and Communications	
Broadband Technician Certificate, LTC	Radio/TV and Digital Media Degree, WVC
Entertainment Business Certificate, WVC	Social Media Management Certificate, WVC
Media Communications Certificate, WVC	Sports Marketing and Media Degree, WVC
Music and Media Certificate and Degree, WVC	
Career Cluster: Business Management and Administration	
Customer Service Management Certificate, LTC	Office Assistant Certificate, FCC
Educational Leadership Certificate, WVC	Office Management Degree, LTC
Entrepreneurship Certificate, FCC/LTC/OCC/WVC	Philanthropy Certificate, LTC
Executive Office Professional Degree, FCC	Public Service Management Certificate, LTC
Human Resource Assistant Degree, OCC	Small Business Development Certificate, FCC/LTC/OCC/WVC
Industrial Management Degree, LTC	Special Events Management Certificate, LTC
MS Office Specialist Certificate, OCC	Supervisory Skills Certificate, LTC
Office Administration Certificate and Degree, OCC	Workplace Skills Certificate, LTC
Career Cluster: Education and Training	
Parenting Certificate, WVC	
Career Cluster: Finance	
Accounting Degree, OCC	QuickBooks Certificate, OCC
Professional Bookkeeper Certificate, OCC	
Career Cluster: Health Science	
Associate Degree in Nursing, FCC/LTC/OCC/WVC	Medical Coding Associate Certificate, OCC
Basic Nurse Assistant Training Progr Cert, FCC/LTC/OCC/WVC	Medical Laboratory Technician Degree, FCC
Certified Medical Assistant Degree, LTC	Medical Office Assistant Degree, OCC
Electronic Medical Records Certificate, LTC	Medical Receptionist Certificate, FCC
Emergency Medical Responder Certificate, FCC	Medical Transcription Certificate, OCC
EMT Certificate, FCC	Paramedic Certificate, FCC
Health Careers Certificate, FCC, LTC, OCC, WVC	Paramedicine Degree, FCC
Health Informatics Degree, FCC	Pharmacy Technician Certificate, LTC
Health Information Technology Degree, OCC	Phlebotomy Certificate, FCC/OCC
Massage Therapy Certificate, OCC	Practical Nursing Certificate, OCC
Medical Assistant Certificate, LTC	Radiography Degree, OCC