# Career-Technical Workforce Development (CTWD) Substitute Licensure

## Teaching Fields and Codes

### Agriculture
- **010200** Agribusiness
- **012100** Agricultural Biotechnology
- **010300** Agricultural Industrial Equipment
- **010101** Animal Production
- **010131** Equine Science
- **010400** Food Science
- **010500** Horticulture
- **010600** Natural Resources

### Arts and Communication
- **170700** Commercial Art Occupations
- **340125** Media Arts
- **340130** Performing Arts
- **340100** Visual Design and Imaging

### Business and Administrative Services
- **140300** Administrative Office Technology
- **140800** Business Administration and Management
- **140350** Legal Office Management
- **140370** Medical Office Management

### Construction Technology
- **170100** Air Conditioning/Heating
- **171011** Building and Property Maintenance
- **171017** Building Technology
- **171001** Carpentry
- **171100** Custodial Services
- **179960** Diversified Cooperative Training (DCT) Coordinator
- **171002** Electrical Trades
- **171003** Heavy Equipment
- **171005** Interior Design Applications
- **171004** Masonry
- **173601** Millwork and Cabinet Making
- **171007** Plumbing and Pipefitting

### Education and Training
- **090201** Early Childhood Education and Care
- **090202** Clothing Fashion and Interiors

### Engineering and Science Technology
- **172000** Chemical Laboratory Assisting
- **171650** Energy Science
- **171807** Engineering Technologies (Design)
- **171808** Engineering Technologies (Process)
- **171809** Engineering Technologies (Products/Services)
- **172004** Industrial Lab Assisting
- **171402** Power Transmission
- **171504** Telecommunications
- **171505** Computer Network Technician

### Finance
- **140100** Accounting

### Government and Public Administration
- **360224** Government and Public Administration

### Health Science
- **074850** Biotechnology
- **070906** Community Health Aide
- **070101** Dental Assisting
- **070103** Dental Lab Technology
- **070998** Diversified Health Occupations
- **070907** Emergency Medical Technician
- **070410** Fitness Aide
- **074890** Health Informatics
- **074840** Health Support Systems
- **070913** Health Unit Coordinator
- **070307** Home Health Assisting
- **070904** Medical Assisting
- **070203** Medical Lab Assisting
- **070303** Nurse Assisting
- **070603** Optometric Occupations
- **070994** Patient Care Technician
- **070912** Pharmacy Assisting
- **070204** Phlebotomy
- **070302** Practical Nurse
- **070305** Surgical Technology
- **074820** Diagnostic Pathway
- **074830** Therapeutic Pathway

### Hospitality and Tourism
- **090203** Culinary Arts and Food Service Management
- **090205** Hotels and Resorts
- **041118** Travel and Tourism Marketing

### Human Services
- **172602** Cosmetology
- **172610** Family and Community Services

### Information and Technology
- **140200** Business Information Systems

### Law and Public Safety
- **172810** Career Paths for the Law Profession
- **172802** Criminal Justice
- **172811** Emergency Medical Technician (Secondary)
- **172801** Firefighter Training
- **172809** Fundamentals of Public Safety
- **172808** Private Security

### Manufacturing Technologies
- **170200** Appliance Repair
- **170375** Automation and Robotics
- **171300** Drafting Occupations
- **171503** Electronics
- **171012** Industrial Maintenance and Repair
- **172303** Manufacturing Occupations
- **170380** Manufacturing Operations
- **172302** Precision Machining
- **172306** Welding and Cutting
- **172307** Tool and Die Making

### Marketing Education
- **041900** Acquisition and Logistics
- **040115** Entertainment Marketing
- **044105** Entrepreneurship
- **047000** Marketing Communications
- **040810** Marketing Management
- **040830** Marketing Technology

### Transportation Systems
- **170401** Aircraft Maintenance
- **170301** Auto Collision Repair
- **170303** Auto Specialization
- **170302** Automotive Technology
- **170400** Aviation Occupations
- **170403** Ground Operations
- **171200** Medium/Heavy Truck Technician
- **173100** Power Equipment Technology

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