

COMMON HAZARDOUS OCCUPATIONS

that satisfy the hazardous employment requirement for the

COOPERATIVE EDUCATION COORDINATOR HAZARDOUS OCCUPATIONS CERTIFICATE

Prepared by

**Office of Career and Technical Education
New Jersey Department of Education
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COMMON HAZARDOUS OCCUPATIONS

Career Cluster: Agriculture, Food & Natural Resources

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

- Agriculture/Farming
- Agricultural Mechanics
- Agricultural Technology
- Animal Husbandry
- Crop Production
- Environmental Technology
- Food Production
- Food Processing and Technology
- Greenhouse Management
- Landscaping
- Natural Resource Occupations
- Nursery Management
- Turf Management
- Veterinary Technicians

Career Cluster: Architecture & Construction

Careers in designing, planning, managing, building, and maintaining the built environment.

- Air Conditioning and Refrigeration
- Brick & Stone Masonry/Tile Setting
- Building Maintenance
- Cabinet Making/Millwork
- Carpentry
- Custodial Training
- Construction Technology
- Drywall Taping and Finishing
- Drafting and Design Technology
- Electrical Trades
- Electricity
- Electronics
- Glazing
- Heating, Ventilation, Air Conditioning and Refrigeration
- Heating and Ventilation
- Millwrights
- Mason
- Painting and Decorating
- Plumbing and Pipefitting
- Stationary Engineering
- Sheet Metal
- Upholstering
- Welding

Career Cluster: Arts/AV Technology & Communications

Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

- Printing/Off-Set, other than electronic printing

Career Cluster: Business, Management & Administration

Business Management and Administration careers encompass planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.

There are no hazardous occupations listed under this career cluster for career and technical education teaching certificates.

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Career Cluster: Education & Training

Planning, managing, and providing education and training services, and related learning support services.

There are no hazardous occupations listed under this career cluster that are typical for career and technical education teaching certificates.

Career Cluster: Finance

Planning, services for financial and investment planning, banking, insurance, and business financial management.

There are no hazardous occupations listed under this career cluster that are typical for career and technical education teaching certificates.

Career Cluster: Government & Public Administration

Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.

There are no career and technical education teaching certificates currently offered under this career cluster.

Career Cluster: Health Science

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnological research and development.

- Certified Nurse Aid
- Dental Assisting
- Emergency Medical Technicians
- Medical Assisting
- Medical Laboratory Technicians
- Ophthalmic Medical Assisting
- Nursing Assistants
- Phlebotomist/Venipuncture Technicians
- Nursing
- Surgical Technologists

Career Cluster: Hospitality & Tourism

Hospitality & Tourism encompasses the management, marketing, and operations of restaurants and other foodservices, lodging, attractions, recreation events, and travel related services.

- Baking
- Building Maintenance
- Chef Preparation
- Cook/Food Prep
- Culinary Arts
- Custodian
- Food Preparation and Services
- Laundering, Cleaning and Pressing

COMMON HAZARDOUS OCCUPATIONS

Human Services

Human Services relate to families and human needs, including early childhood development and services, counseling and mental health services, family and community services, personal care services, and consumer services.

- Cosmetology/Hair Styling

Career Cluster: Information Technology

Building linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support, and Management of Hardware, Software, Multimedia, and Systems Integration Services.

There are no hazardous occupations listed under this career cluster for career and technical education teaching certificates.

Career Cluster: Legal, Public Safety & Security

Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support.

- Emergency Medical Technicians
- Fire Science
- Law Enforcement

Career Cluster: Manufacturing

Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing / process engineering.

- Apparel and Textile Production
- Assembly Machine Operators
- Audio/Visual Equipment Repair
- Computer Integrated Manufacturing Systems
- Electronics Trades
- Electrical Trades
- Laundering, Cleaning and Pressing
- Machine Shop
- Maintenance Mechanics
- Office Machine Repair
- Sheet Metal
- Stationary Engineering
- Tool and Die Making
- Upholstering
- Welding

Career Cluster: Marketing, Sales & Service

Planning, managing, and performing marketing activities to reach organizational objectives.

There are no hazardous occupations listed under this career cluster for career and technical education teaching certificates.

COMMON HAZARDOUS OCCUPATIONS

Career Cluster: Science, Technology, Engineering & Mathematics

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

- Chemical Technology
- Electrical Technology
- Electronic Technology
- Engineering Technology
- Instrumentation Technology
- Laboratory Technology
- Metallurgical Technology
- Marine Science
- Power Plant Technology

Career Cluster: Transportation, Distribution & Logistics

Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

- Aircraft Technology
- Automotive Technology
- Aviation and Instrumentation
- Custodian
- Collision Repair Technology
- Diesel Mechanic
- Distribution & Logistical Services
- Electronics Technology
- Heavy Duty Equipment Technology
- Highway Technology
- Marine Trades Technology
- Small Engine Technology

HAZARDOUS EMPLOYMENT FOR MINORS

All of the occupations listed in this document would also be considered hazardous occupations for the employment of minors. Minors may not be employed in any of the listed occupations unless all of the following criteria are met:

1. The student is enrolled in an appropriate career and technical education program;
2. The career and technical education program is approved by the New Jersey Department of Education, Office of Career and Technical Education;
3. The student is enrolled in a paid cooperative education experience;
4. The appropriate training agreement, student training plan, and employment certificate have been completed; and,
5. The worksite placement is supervised by (1) a cooperative education coordinator-hazardous occupations or (2) a career and technical education teacher who holds an endorsement for that occupation and who has completed the required courses for structured learning experience supervision.

NOTICE: There may be equipment and working conditions that are prohibited to minors under all circumstances. Visit the New Jersey Department of Labor and Workforce Development's Child Labor Laws and Regulations website for more information at the following URL:

http://lwd.dol.state.nj.us/labor/wagehour/lawregs/child_labor_law.html