# Minnesota Career Fields, Clusters & Pathways

#### ■ Marketing

- > Merchandising
- > Marketing Management
- > Marketing Communications
- > Marketing Research
- > Professional Sales
- Business, Management, and Administration
- > Administrative Support
- > Operations Management
- > Business Information Management
- > Human Resources Management
- > General Management

#### Hospitality and Tourism

- > Lodging
- > Recreation, Amusements and Attractions
- > Restaurants and Food/Beverage Services
- > Travel and Tourism

- Human Services > Consumer Services
- > Counseling and
- Mental Health Services

**Finance** 

> Accounting

> Insurance

> Banking Services

> Business Finance

> Securities and Investment

- > Early Childhood **Development and Services**
- > Family and Community Services
- > Personal Care Services

#### Education and Training

- > Administration and Administrative Support
- > Professional Support Services
- > Teaching/Training

#### ■ Agriculture, Food, and Natural Resources

- > Animal Systems
- > Agribusiness Systems
- > Environmental Service Systems
- > Food Products and Processing Systems
- > Natural Resources Systems
- > Plant Systems
- > Power, Structural, and Technical Systems

# CAREER FIELD

Agriculture, Food & Natural Resources

# **Foundation Knowledge & Skills**

**Problem Solving • Critical Thinking** Career Development 

Integrity 

Teamwork Legal Responsibilities • Academic Foundations Manutactures of Manuel Nanutactures Nanutactures Technology Application • Communications Safety, Health & Environment • Leadership Technical Literacy • Cultural Competence Lifelong Learning • Financial Well-Being **Organizational & Global Systems Creativity** • Innovation

Health Science *lechnology* 

# CAREER FIELD

#### ■ Health Science

- > Biotechnology Research and Development
- > Diagnostic Services
- > Support Services
- > Health Informatics
- > Therapeutic Services

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#### ■ Law, Public Safety, **Corrections, and Security**

- > Correction Services
- > Emergency and Fire Management Services
- > Law Enforcement Services
- > Legal Services
- > Security and **Protective Services**

#### Government and Public Administration

- > Revenue and Taxation
- > Foreign Service
- > Governance
- > National Security
- > Planning
- > Public Management and Administration
- > Regulation



CAREER Business, Marker

### Legend: ■ = Career Cluster > = Career Pathway

Explanation provided on reverse side.

lications, & Systems

## ■ Arts, Audio/Video Technology, and Communications

- > Audio/Video Technology and Film
- > Journalism and Broadcasting
- > Performing Arts
- > Printing Technology
- > Communications Technology
- > Visual Arts

#### ■ Information Technology

- > Information Support and Services
- > Network Systems
- > Programming and Software Development
- > Web and Digital Communications



## MINNESOTA STATE

Career and Technical Education



## ■ Transportation, Distribution, and Logistics

- > Facility and Mobile Equipment Maintenance
- > Health, Safety, and Environmental Management
- > Logistics Planning and Management Services
- > Sales and Services
- > Transportation Operations
- > Transportation Systems/Infrastructure Planning, Management, and Regulation
- > Warehousing and Distribution Center Operations

### Architecture and

- Construction
- > Construction
- > Design/
- Pre-construction
- > Maintenance/ Operations

#### Manufacturing

- > Production
- > Manufacturing Production
- Process Development > Maintenance,
- > Quality Assurance
- > Logistics and Inventory Control
- > Health, Safety, and Environmental Assurance
- Science, Technology, **Engineering**, and **Mathematics**
- > Engineering and Technology Installation, and Repair > Science and Mathematics
  - Energy Systems