

# Kansas Career Fields and Clusters Model

## Agriculture, Food, and Natural Resources

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

## Arts, A/V Technology, and Communications

- Audio/Video Techniques
- Journalism and Broadcasting
- Performing Arts
- Printing Techniques
- Telecommunications Techniques
- Visual Arts

## Information Technology

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

## Business Management and Administration

- Administrative Services
- Business Information Management
- Human Resources Management
- General Management
- Operations Management

## Hospitality and Tourism

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

## Marketing

- Merchandising
- Marketing Management
- Marketing Communications
- Marketing Research
- Professional Selling

## Finance

- Banking Services
- Business Finance
- Securities and Investments
- Insurance
- Accounting

Environmental and Agricultural Systems

Arts, Communication, and Information

Business, Marketing, Management, Finance

Human Resources and Services

Health Science

Industrial, Manufacturing, and Engineering Systems

## Architecture and Construction

- Construction
- Design and Pre-construction
- Maintenance and Operations

## Manufacturing

- Production
- Manufacturing Production Process Development
- Maintenance, Installation, and Repair
- Quality Assurance
- Logistics and Inventory Control
- Health, Safety, and Environmental Assurance

## 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

## Science, Technology, Engineering, and Mathematics

- Engineering and Technology
- Science and Math (Investigative, Informational, and Educational)

**Foundation Knowledge and Skills**

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**Academic and Technical Skills**

• Employability	• Information Technology Application
• Ethics	• Legal Responsibilities
• Systems	• Communication
• Teamwork	• Safety, Health, and Environment
• Career Development	
• Problem Solving	
• Critical Thinking	

## Government and Public Administration

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

## Education and Training

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

## Human Services

- Consumer Services
- Counseling and Mental Health Services
- Early Childhood Development and Services
- Family and Community Services
- Personal Care Services

## Law, Public Safety, and Security

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

## Health Science

- Biotechnology Research and Development
- Diagnostic Services
- Supportive Services
- Health Informatics
- Therapeutic Services

Lifelong Learning

**Career**

- Successful work life
- Economic viability and contribution to the life of the community
- Ongoing career evaluation and changes facilitated by lifelong learning skills

Postsecondary

**Career Preparation & Applications**

- Advanced academic and technical education
- Career-specific training
- Employer-recognized certification and licensure
- Apprenticeships
- Cooperative education
- Internships
- Mentorships
- Part-time work
- Service learning
- Matriculation from secondary to post-secondary programs
- Career student organizations

Secondary

**Career Preparation & Applications**

- Advanced academic and technical education
- Career-specific training
- Employer-recognized certification and licensure
- Career program of study
- Career academies
- Individual Career and Education Plans (ICEPs) revised annually
- Career student organizations
- Workbased learning
- Workplace readiness classes
- High school "senior experiences"
- Articulation linking secondary and post-secondary study
- Mentorships
- Part-time work
- Service learning

Middle School

**Career Exploration**

- Career courses
- Career research
- Job shadowing
- Individual Career and Education Plans (ICEPs)

Elementary School

**Career Awareness**

- Introduction to career clusters and career fields
- Career fairs
- Career days
- Classroom guest speakers
- Field trips