

Paths, Clusters & Pathways

Career Paths

Missouri has identified six Career Paths as a way to help students become aware of and explore careers in a logical and meaningful way.

Career Clusters

Missouri uses 16 Career Clusters as a way of organizing occupations and careers to assist educators in tailoring rigorous coursework and related activities for all students. The Career Clusters include all occupations, even those not usually found in career and technical education. Career Clusters may be used beginning in grades 7, 8 or 9, and can continue as a framework for educational planning through postsecondary education.

Career Pathways

Occupations within a Career Cluster are further grouped according to shared commonalities such as skill sets or common roles. This grouping is called a Career Pathway. Each cluster contains two to seven Career Pathways. Career Pathways assist educators in the development of a coordinated and non-duplicative sequence of courses that identifies both secondary and postsecondary education elements; includes challenging academic and career and technical education content; and culminates in one or more of the following: technical skill proficiency, a credential, a certificate, or a degree at the secondary or postsecondary level.

Knowledge & Skill Statements

Knowledge and skill statements represent the skills and knowledge, both academic and technical, that all students should achieve for a given career area.

Arts, A/V Technology and Communications

Audio and Video Technology and Film
Printing Technology
Visual Arts
Performing Arts
Journalism and Broadcasting
Telecommunications

Arts & Communication Creative Path

Health Science

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

Health Services Health Path

Science, Technology, Engineering and Mathematics

Engineering and Technology
Science and Mathematics

Architecture and Construction

Design and Pre-Construction
Construction
Maintenance and Operations

Manufacturing

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

Transportation, Distribution and Logistics

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

Industrial & Engineering Technology Building & Fixing Path

Foundation Knowledge & Skills

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

Human Services Helping Path

Human Services

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

Business, Management & Technology Business Path

Finance

Securities and Investments
Business Finance
Banking Services
Insurance
Accounting

Marketing

Marketing Management
Marketing Communications
Marketing Research
Professional Sales
Merchandising

Business Management and Administration

General Management
Human Resources Management
Business Information Management
Operations Management
Administrative Support

Information Technology

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

Natural Resources Agriculture Nature Path

Agriculture, Food and Natural Resources

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

Hospitality and Tourism

Restaurants and Food and Beverage Services
Recreation, Amusement and Attractions
Travel and Tourism
Lodging

Government and Public Administration

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

Law, Public Safety, Corrections and Security

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

Education and Training

Administration and Administrative Support
Professional Support Services
Teaching and Training

Career Path

Career Cluster

Career Pathway