



FIND YOUR FUTURE IN CAREER PATHS & CAREER CLUSTERS

**Manufacturing**

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

**Science, Technology, Engineering and Mathematics**

Engineering and Technology  
Science and Math

**Human Services**

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

**Architecture and Construction**

Design and Pre-Construction  
Construction  
Maintenance and Operations

**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

**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

**Health Science**

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

**Industrial & Engineering Technology**

Building & Fixing Path

**Human Services**

Helping Path

**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

**Health Services**

Health Path

**Essential Knowledge & Skills**

Academic Foundations  
Ethics & Legal Responsibilities  
Systems Leadership & Teamwork  
Informational Technology Applications  
Employability & Career Development  
Problem Solving & Critical Thinking  
Safety, Health & Environmental  
Communications  
Technical Skills

**Natural Resources Agriculture**

Nature Path

**Arts & Communication**

Creative Path

**Agriculture, Food and Natural Resources**

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

**Arts, A/V Technology and Communications**

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

**Business, Management & Technology**

Business Path

**Finance**

Accounting  
Insurance  
Banking Services  
Business Finance  
Securities and Investments

**Information Technology**

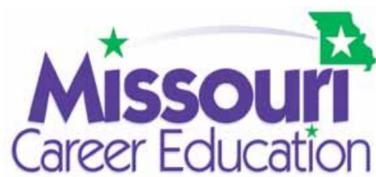
Network Systems  
Information Support and Services  
Web and Digital Communications  
Programming and Software Development

**Business Management and Administration**

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

**Marketing**

Marketing Management  
Marketing Communications  
Marketing Research  
Professional Sales  
Merchandising



ESSENTIAL SKILLS FOR ALL STUDENTS

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