



Essential Knowledge and Skills

- Academic Foundations
- Communications
- Employability and Career Development
- Ethics and Legal Responsibilities
- Information Technology Applications
- Leadership and Teamwork
- Problem Solving and Critical Thinking
- Safety, Health, and the Environment
- Systems
- Technical Skills

Agriculture, Food, and Natural Resources

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

Arts, A/V Technology, and Communications

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

Information Technology

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

Industrial, Manufacturing, and Engineering Systems

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 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

Science, Technology, Engineering, and Mathematics

- Engineering and Technology
- Science and Math

Health Sciences

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

Human Services and Resources

Human Services

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

Education and Training

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

Law, Public Safety, 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

Marketing

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

Business Management and Administration

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

Hospitality and Tourism

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

Finance

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

Business, Marketing, and Management