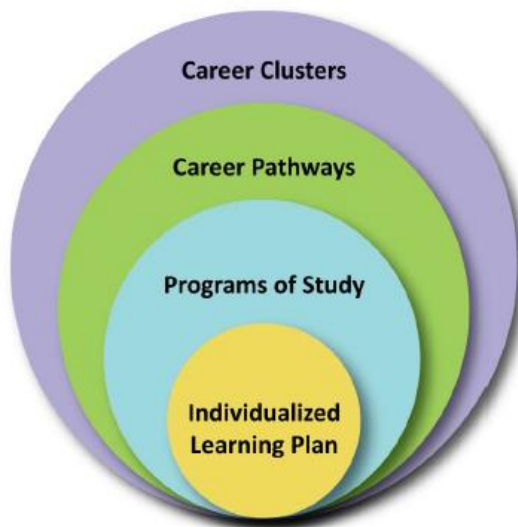


Career Clusters Overview

<http://dpi.wi.gov/cte/pdf/posguide.pdf> (pages 5 - 6)

Career Cluster Framework



Example

Career Cluster-
Manufacturing

Career Pathway-
Maintenance Installation
and Repair

Program of Study-Electro-
Mechanical

Individual Learning Plan-
A plan for coursework
related artifacts, and
experience from 8th
grade through 14 and
beyond

Career Clusters are broad occupational groupings based on a set of common *knowledge and skills* required for a broad group of careers. Wisconsin has adopted the National 16 Career Clusters that also serve as a tool for organizing curriculum and instruction. Career clusters provide opportunities for all students regardless of their career goals and interests. They are a tool for a seamless educational system that blends rigorous academic/technical preparation, provides career development, offers options for students to experience all aspects of a business or industry, and facilitates/assists students and educators with ongoing transitions.

Career Pathways are a sub-grouping of careers used as an organizing tool for curriculum design and instruction. Similar to career clusters, career pathways are grouped based on their requirements for a set of core and similar knowledge and skills for career success. Each pathway highlights a specific part of each cluster. An easy example of this can be seen in the Agriculture, Food and Natural Resources cluster. Seven different pathways, from Animal to Plant Systems highlight the variety of interests that each cluster holds for students.

A **Program of Study** is a specific career pathway, defined by a local school/district partnership, which is a sequence of instruction based on recommended standards and knowledge and skills, consisting of coursework, co-curricular activities, worksite learning, service learning and other learning experiences including Career and Technical Student Organizations (CTSO). The sequence of instruction provides preparation for a career.

An **Individualized Learning Plan (ILP)** includes a program of study and learning that represents a fluid, living, breathing, mapped academic plan reflecting a student's unique set of interests, needs, learning goals, and graduation requirements. It goes beyond the "four-year plan" by recording the student's connections to the larger community including examples of community service and volunteerism; membership in community organizations; participation in leadership activities outside of school; involvement in job shadowing, mentorships, and/or apprenticeships; and the pursuit of skill development through hobbies, athletics, and fine arts. See the school counseling and advising component for more information on the ILP. The Wisconsin Department of Public Instruction has created a power point outlining requirements of a sample ILP. This link can be found at: <http://dpi.wi.gov/sspw/ppt/scilp.ppt>

Sixteen Career Clusters and Their Pathways

Agriculture, Food and Natural Resources

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

Architecture and Construction

Construction
 Design/Pre-Construction
 Maintenance/Operations

Arts, Audio/Video Technology and Communications

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

Business Management and Administration

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

Education and Training

Administration and Administrative Support
 Professional Support Services
 Teaching/Training

Finance

Accounting
 Banking Services
 Business Finance
 Insurance
 Securities and Investments

Government and Public Administration

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

Health Science

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

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
 Early Childhood Development and Services
 Family and Community Services
 Personal Care Services

Information Technology

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

Law, Public Safety, Corrections and Security

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

Manufacturing

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

Marketing

Marketing Communications
 Marketing Management
 Marketing Research
 Merchandising
 Professional Sales

Science, Technology, Engineering and Mathematics

Engineering and Technology
 Science and Math

Transportation, Distribution and Logistics

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