



Welcome to Career Clusters

This is the official website for the State Career Clusters Initiative (SCCI). This website provides information for Career Clusters research, technical assistance for implementing the Career Clusters Framework...

What's New:

- [What's New - Cluster Leads](#)
- [What's New - New Products](#)
- [What's New - Highlights](#)

- Plans of Study
- Knowledge & Skills Charts
- Crosswalks
- Speaker's Kit
- Publications
- List of 16 Career Clusters and Pathways
- Downloadable Cluster Icons
- Career Clusters Models
- Career Clusters Brochures
- Interest Survey Activity
- Related Websites
- Definitions

2009 Career Cluster Institute
 June 15-17, 2009
 Omni Hotel (currently under construction)
 Ft. Worth, Texas



6th Annual Career Clusters Institute
 June 16-18, 2008
 Atlanta, Georgia
[View the 2008 Presentations](#)

[Order Career Cluster Products](#)

[Our Partners: Preferred Products and Services](#)

[Implementation](#)

Some of the documents on this site require Acrobat Reader to view. Click the following icon to download.





Plans of Study

Welcome to the Career Cluster Plans of Study! All of the careers in each of the 16 Career Clusters are sub-grouped into Pathways. The number of Pathways per Cluster varies from two to seven.

There are 16 Career Cluster Plans of Study. These 16 Plans of Study are derivative products of the work that was done on the Pathway Plans of Study. There are 81 Pathway Plans of Study (one for each Pathway across all 16 Career Clusters). Each Plan of Study is available in either PDF or Excel. The Excel files are easily customizable.

These Plans of Study are samples and are based on the Knowledge and Skills identified for each Cluster and Pathway. The Knowledge and Skills referenced on the Plans of Study are displayed as Knowledge and Skills Charts and are available at the links provided for each Cluster and under the "Resources" tab on our website.

These sample Plans of Study address Knowledge and Skills to the **Pathway** level. To fully complete a Plan of Study that addresses success to the **career/occupation** level, specific career/occupational Knowledge and Skills need to be added to these samples.

DIRECTIONS:

Click on the name of a Cluster to display an expanded menu containing its Foundation Plan of Study followed by the Pathway Plans of Study.

[+Agriculture, Food & Natural Resources](#)

[+Architecture & Construction](#)



Knowledge and Skills Charts

Welcome to the Career Cluster Knowledge and Skills Charts! All of the careers in each of the 16 Career Clusters are sub-grouped into Pathways. The number of Pathways per Cluster varies from two to seven.

The Knowledge and Skills Charts are provided as PDF files and also as customizable Excel documents.

There is a Knowledge and Skills Chart for each of the 16 Career Clusters that displays knowledge and skills common to all careers in the entire Career Cluster. There are also 81 Knowledge and Skills Charts that display the Pathway Knowledge and Skills common to all careers in each Pathway.

DIRECTIONS:
Click on the name of a Cluster to display an expanded menu containing its Foundation Knowledge and Skills Charts, followed by the Pathway Knowledge and Skills Charts.

- [**+Agriculture, Food & Natural Resources**](#)
- [**+Architecture & Construction**](#)
- [**+Arts, Audio/Video Technology & Communications**](#)
- [**+Business, Management & Administration**](#)
- [**+Education & Training**](#)



Crosswalks

- **Perkins IV Crosswalks**

Comprehensive and standardized mapping of CIP codes and O*NET/SOC occupational codes into career clusters and career pathways (from the PCRN website at <http://www.edcountability.net>).

- [Perkins IV Crosswalks Users Guide \(PDF,20Kb\)](#)
- [Table 1 CIPs in Pathways \(Excel,166Kb\)](#)
- [Table 2 CIP-Pathway-Cluster \(Excel,377Kb\)](#)
- [Table 3 CIP-Nontrad-Cluster-Pathway \(Excel,411Kb\)](#)
- [Table 4 ONETs in Pathways \(Excel,169Kb\)](#)
- [Table 5 SOC-ONET-Nontrad-Cluster-Pathway \(Excel,468Kb\)](#)
- [Table 6 Cluster-Pathway-SOC-ONET-CIP \(Excel,3.81Mb\)](#)
- [Table 7 Primary Occupation and CIP in Pathways \(Excel,376Kb\)](#)
- [Non-traditional for Females from BLS 2006 Final \(Excel,152Kb\)](#)
- [Non-traditional for Males from BLS 2006 Final \(Excel,54Kb\)](#)

- **Cluster Crosswalk***

US DOE Career Clusters ->
US DOL National Skill Standards Board Industry Areas ->
State of Maryland Career Clusters ->
Anne Arundel County Public Schools*

- **Cluster Crosswalk****

Career Clusters -> ACT World of Work Map

- **Cluster Crosswalk**

Career Clusters -> CIP Codes

An initial crosswalk bridging CIP codes and Career Clusters is available from the National Center for Education Statistics.



Speaker's Kit

- [Introduction: The States' Career Cluster Initiative Word Document](#) (29 KB)

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States' Career Clusters Initiative - Publications - Windows Internet Explorer

http://careerclusters.org/publications.php

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Publications

-  [A Brief History of Career Clusters: Supporting a New Vision for CTE \(2006\)](#) (140 KB)
-  [State of the States Report - April, 2007](#) (144 KB)
-  ["What's the Big Deal About the K&S?" by Dr. Ann Benson](#) (25 KB)

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Sixteen Career Clusters and Their Pathways

A Career Cluster is a grouping of occupations and broad industries based on commonalities. The sixteen career clusters provide an organizing tool for schools, small learning communities, academies and magnet schools.

Agriculture, Food & Natural Resources

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

Architecture & Construction

Design/Pre-Construction
Construction
Maintenance/Operations

Arts, Audio/Video Technology & Communications

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

Hospitality & Tourism

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

Human Services

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

Information Technology

Network Systems
Information Support and Services
Interactive Media
Programming and Software Development

Law, Public Safety, Corrections & Security



Career Clusters Models

[Agriculture, Food, and Natural Resources](#)



- [Agriculture, Food, and Natural Resources Model](#)
- [Agriculture, Food, and Natural Resources Model](#)

[Architecture & Construction](#)



[Arts, Audio/Video Technology & Communications](#)



[Business, Management & Administration](#)





Career Clusters Brochures

[Agriculture, Food, and Natural Resources](#)



 [Agriculture, Food, and Natural Resources Brochure](#)

[Architecture & Construction](#)



 [Architecture & Construction Brochure](#)

[Arts, Audio/Video Technology & Communications](#)



 [Arts, Audio/Video Technology & Communications Brochure](#)

[Business Management & Administration](#)

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http://careerclusters.org/ccinterestsurvey.php

States' Career Clusters



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The **Career Clusters Interest Survey** is a career guidance tool that allows individuals to respond to questions and identify the top three Career Clusters of interest based on their responses. This pencil/paper survey takes about fifteen minutes to complete and can be used in the classroom or for presentations with audiences who have an interest in career exploration. The survey can be printed out -- it is not electronic. It may be used for educational purposes only.

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http://careerclusters.org/related.php

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Related Websites

The following websites contain information that is related to Career Clusters. When you click a links on this page, you will be leaving the Career Clusters Website.

- **Related Cluster Sites:**
 - The Arts, Audio-Video Technology, and Communications Cluster Website provides information on one of the first clusters to be worked on by the VTECS.
[AAVTC Website](#)
 - The National Consortium on Health Science and Technology Education Website provides information related to Career Clusters on shaping national policy on the preparation and employment of health care personnel.
[Health Science Website](#)
 - The Information Technology Website for Educators provides information regarding the Information Technology Career Cluster and resources for researching this topic further.
[Information Technology Website](#)
 - The Manufacturing Website provides information on linking the manufacturing industry to the Manufacturing Cluster.
[Manufacturing Website](#)
 - The TDL Website is the website for this particular cluster and outlines various topics relating to its development and deployment.
[Transportation, Distribution & Logistics Website](#)
- **Related Websites**
 - The Office of Vocational and Adult Education Website provides more detailed information on the Adult Education and Vocational Education aspect of the Career Clusters program.
[Office of Vocational & Adult Education Website](#)
 - Founded in 1920, the National Association of State Directors of Career Technical Education Consortium is the

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http://careerclusters.org/definitions.php

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NATIONAL SAMPLE DEFINITIONS

Introduction

When we talk about the States' Career Clusters Initiative with states and local schools, we talk about the need to have some common terms and definitions that are used consistently throughout the state or school. On the national level, in an attempt to practice what we preach, we are providing a set of sample terms and their definitions as a resource. These sample terms and definitions can be adapted/adopted/disregarded by states and locals as appropriate.

- Career Clusters:** In their simplest form, Career Clusters are groupings of occupations/career specialties used as an organizing tool for curriculum design and instruction. Occupations/career specialties are grouped into the Career Clusters based on the fact that they require a set of common knowledge and skills for career success. The Knowledge and Skills represented by Career Clusters prepare learners for a full range of occupations/career specialties, focusing on the holistic, polished blend of technical, academic and employability knowledge and skills. This approach enhances the more traditional approach to career and technical education in which instruction may focus on one or two occupations and emphasize only specific occupational skills.
- Career Pathways:** In their simplest forms, Pathways are sub-groupings of occupations/career specialties used as an organizing tool for curriculum design and instruction. Occupations/career specialties are grouped into Pathways based on the fact that they require a set of common knowledge and skills for career success.
- Occupations/Career Specialties:** These are particular careers or occupations based on advanced knowledge and skills specific to that career or occupation.
- Knowledge and Skills:** Knowledge and Skills are industry-validated statements that describe what learners/employees need to know and be able to do for career success within a Cluster and/or Pathway.
- Program of Study (curriculum framework):** A program of study is a sequence of instruction (based on recommended standards and knowledge and skills) consisting of coursework, co-curricular activities, work-site learning, service learning and other learning experiences. This sequence of instruction provides preparation for a career.
- Personal Plan of Study:** A Personal Plan of Study is an individual learner's scope and sequence of coursework, co-curricular activities, work-site learning, service learning and other learning experiences based upon his/her chosen career

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