



Designing Instruction for Career Pathways

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Career Clusters Institute

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DESIGNING INSTRUCTION for CAREER PATHWAYS

Designing Instruction for Career Pathways

- Project began Fall 2010
- Three-year project of U.S. Department of Education's Office of Vocational and Adult Education (OVAE)
- **GOAL:** Assist state and local adult education providers in **developing and delivering instructional resources** that enable lower-skilled adults to **progress on a career pathway** and **prepare for postsecondary success**.

Why the focus on Adult Career Pathways?

- Credential and degree attainment critical to U.S. economic growth
- Existing mismatch between employer skill needs and available workforce
- Millions of lower-skilled adults need a bridge back to education and training that is meaningful/relevant and will lead to family-sustaining jobs



Career Pathways – A Definition

A series of connected education and training strategies that enable individuals to secure employment within a specific occupational sector and to advance over time to successively higher levels of education and employment in that sector. Each step on a pathway is designed to prepare the participant for the next level of education and employment.

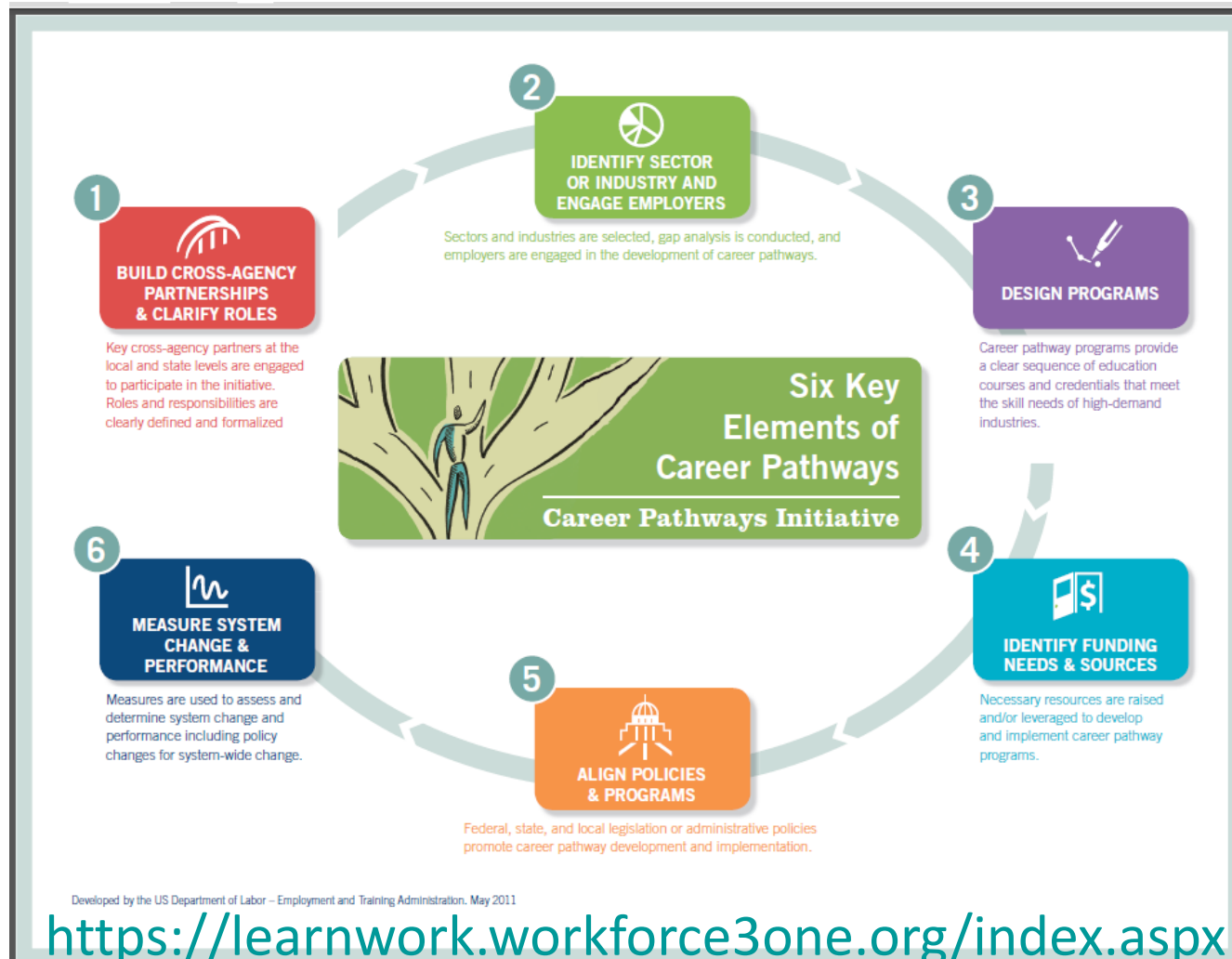
Jenkins, Davis and Christopher Spence. *The Career Pathways How-To Guide*. Workforce Strategy Center, 2006.



Related Career Pathways Projects

- **ABE to Community College Transitions Project**
 - Identified successful programs, practices, and policies for ABE transition programs
- **ABE Career Connections (ED-OVAE)**
 - *Integrating Adult Basic Education into Career Pathways Manual*
 - <http://www.acp-sc.org/getting-started-pilot/abe-career-connections-a-manual-for-integrating-adult-basic-education-into-career-pathways.html>
- **Policy to Performance (ED-OVAE)**
 - Website of resources for all states
 - *Policy to Performance Toolkit*
- **Career Pathways Technical Assistance Initiative (DOL-ETA)**
 - Career Pathways Framework
 - <http://www.acp-sc.org/community/blog/training-and-employment-notice-no-39-11>
 - Website of resources

Six Key Elements of Career Pathways



Designing Instruction for Career Pathways

Project Partners

- **Kratos Learning in Partnership with Center for Occupational Research and Development (CORD)**
- **Technical Work Group**
 - 17 expert practitioners from across the country:
 - Provide input and guidance
- **Subject Matter Experts**
 - Provide content for online courses, eNewsletters, and issue briefs
 - Moderate the online community of practice

Available Project Resources

- Online Resource Collection
 - Instructional, support services, and professional development materials
- Online Courses for Professional Development
- State and Regional Technical Assistance
- Bi-monthly eNewsletters
- Online Community of Practice
- Issue Briefs

Accessible through ACP Support Center:

www.acp-sc.org

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Welcome to the Adult Career Pathways Training and Support Center (ACP-SC)



The most up-to-date information and resources on Adult Career Pathways.

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Access free ACP-SC training and professional development tools.

LEARN MORE ▶

Resources

Search the ACP-SC resources to view and share high-quality research and information.

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Community

Expand your knowledge by engaging with other professionals who seek to promote Adult Career Pathways.

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Find your career cluster:



ALL CAREER CLUSTERS



Agriculture, Food and Natural Resources



Architecture and Construction





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ACP-SC will be at the 2011 CAEL Conference November 9. Will we see you there?
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CLUSTERS



Agriculture, Food
and Natural
Resources



Architecture and
Construction



Online Resource Collection

Showcases and centralizes resources from the field:

- **Instruction**

Lesson plans, curricula, bridge courses, parts of bridge courses and course outlines that focus on teaching adult basic skills within the context of a specific career cluster.

- **Professional Development**

Toolkits, guides, and manuals that support professional understanding and growth on adult career pathways topics.

- **Support Services**

Variety of resource types that support career pathway program elements from assessment to career awareness and exploration and study skills to coaching and advising regarding career and postsecondary information.



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Support Services

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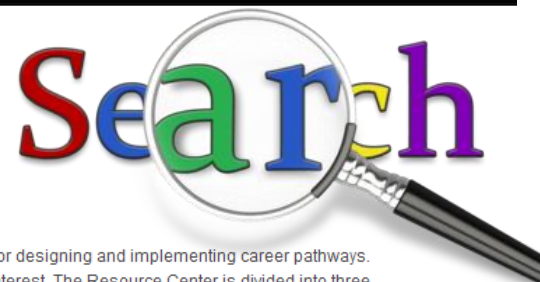
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Resource Center

The ACP-SC Resource Center provides high quality materials and information for designing and implementing career pathways. ACP-SC makes it easy to search these resources and target specific areas of interest. The Resource Center is divided into three categories: [Instruction](#), [Professional Development](#), and [Support Services](#).

Submit Resources

As part of our community of practice, ACP-SC encourages you to [submit](#) your own high-quality Career Pathways resources.

Resource Center Categories

Instruction

Lesson plans, curricula, and course outlines organized by career cluster

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Professional Development

Resources supporting professional growth and understanding of Adult Career Pathways

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Support Services

Supports for instructional services such as assessment, career exploration, advising, personal health, time management, etc

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Find your career cluster:



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Building Basics: ESOL Toolkit for General Construction, Landscaping, Painting, and Plumbing

Abstract

"Building Basics" is intended to be used with adult ESOL students in publicly-funded or community-based programs who have expressed a need and desire to learn English in the context of general construction, landscaping, painting, and plumbing. Each curriculum contains four or five lessons. Each of the lessons in the curriculum has its own objectives with a focus on integrating ELL and workplace competencies. The lessons correspond to Life Skills Objectives, Equipped for the Future (EFF) Skills, and the Secretary's Commission on Achieving Necessary Skills (SCANS) Skills. Lessons can be adapted to a workplace learning setting or delivered in the traditional classroom setting. Additionally, the materials are geared toward teaching students with English language proficiency levels corresponding to the three lowest National Reporting System (NRS) levels: Beginning Literacy, Low Beginning Literacy, and High Beginning Literacy. Some lessons are more complex than others; however, each lesson has activities that can be used with multiple levels of proficiency within one classroom. The Facilitator Guide provides guidance on the language difficulty for each lesson.

Objective

The objective of this curriculum is to prepare ESOL learners who work in general construction, landscaping, painting, and plumbing, to use the appropriate vocabulary for the profession as well as gain a broader knowledge base in these four areas. Each lesson in the curriculum integrates specific ELL and workplace competencies that will enable learners to achieve success on the job.

Additional Information

Author

Virginia Adult Learning Center

Duration

Each lesson takes approximately 2 hours

Career Cluster

Architecture and Construction

Program Type

ELL

Skills/Knowledge

ELL, Reading

Resource Type

Curriculum

Industry Certification

No

[Link to Resource\(s\)](#)[Year](#)

 [Building Basics: ESOL Toolkit for General Construction, Landscaping, Painting, and Plumbing](#)

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ABE Contextualized Math Modules: Driving a Truck—Reading Maps, Computing Distance, and Figuring Gas Mileage

Abstract

The Washington State Board for Community and Technical Colleges in partnership with Washington Online supported the development of a series of contextualized math modules for Adult Basic Education (ABE). Written by instructors from across the state, each module consists of a PowerPoint file containing self-paced instructional content. The files can be shared with students for direct use. Instructors can also use the PowerPoint file as a basis for lesson presentation. The series teaches mathematics concepts within the context of occupations spanning the Health Science, Transportation, and Architecture/Construction career clusters. The entire series of 12 modules is accessible at http://www.sbctc.ctc.edu/college/_e-abepd_teachingresources.aspx

Driving a Truck, Part 1, provides scenario-based instruction to teach the mathematical concepts involved in reading maps, computing distance, and figuring gas mileage which are tasks commonly performed by truck drivers. Each task presents a scenario-based problem and teaches/reviews the math skills essential to solving it. Practice problems are provided in both application and skill development formats, with answers available to allow learners to check their work. Audio narration is provided for the workplace scenarios to support lower-level readers and ELL students.

Objective

The focus of this math strand is on reading maps, computing distance, and

Additional Information

**Author**

State of Washington ABE instructors for the Washington State Board for Community and Technical Colleges

Duration

Multiple classes/Lessons

Career Cluster

Transportation, Distribution and Logistics

Program Type

ABE (EFL I-IV)

Skills/Knowledge

Math

Resource Type

Curriculum

Industry Certification

No

ABE Contextualized Math Modules

- Written by instructors for the Washington State Board for Community and Technical Colleges
- Powerpoint files (with some audio) containing self-paced lessons integrating occupational content and mathematics
- Career cluster contexts include Health Science, Transportation, and Architecture/Construction
- The entire series of 12 modules is accessible at http://www.sbctc.ctc.edu/college/e-abepd_teachingresources.aspx
- The excerpts that follow are from the Commercial Trucking lesson series

ABE Math Module Excerpt:

Gas Prices and Capacity Scenario



The trucking company Judy works for wants to save money. So, in addition to wanting the truckers to get from place to place quickly, they are very concerned about fuel costs.

The kind of gas trucks use is called diesel. Diesel is more expensive than regular gas. Currently, in 2012, a gallon of diesel is \$4.14.

The truck Judy drives has a total gas tank capacity of 300 gallons. There are two gas tanks on either side of her truck. (Each gas tank holds 150 gallons.) It costs Judy's company \$1,242.00 to fill her two tanks!

ABE Math Module Excerpt:

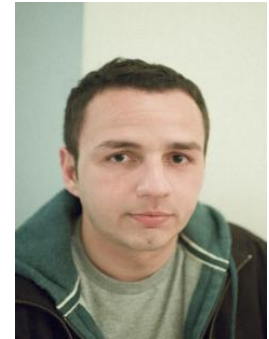
Fuel Consumption



Listen to Juan explain the importance of understanding gas mileage for a full tank of diesel.

It might be surprising to you that Judy, Juan and the other truck drivers sometimes get only 6 miles per gallon, and you already know how expensive diesel is! To figure out how many miles Judy can drive with her tanks full (recall that the two tanks when full hold 300 gallons) the equation is:

300 gallons x 6 miles per gallon = number of miles Judy can expect to drive when her two tanks are full



“No Limits” Food Management VESL

Teaches workplace ESL, food handling, basic culinary skills in the context of Hospitality and Tourism Cluster (14 weeks)



Food Management Curriculum

*Vocational English as a Second Language
“No Limits” Program*



home about teacher's guide lesson plans resources contact

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"NO LIMITS" FOOD MANAGEMENT CURRICULUM

This course was developed in collaboration between Kingsborough Community College and Coney Island Hospital, funded by a grant from New York State Department of Labor. This contextualized ESL curriculum was created to provide vocational training and workforce education to low-level Limited English Proficiency (LEP) adult populations, in order to train workers for careers in the food management sector....
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LINKS & RESOURCES



Visit the "No Limits" Health Care Communication Skills Curriculum

New York City Dept of Health Food Protection Course

Share a Resource



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Submit a Resource

ACP-SC encourages you to share your own Career Pathways resources with the community.

Directions: Fill out the form below regarding the resource you are submitting for consideration to the www.acp-sc.org resource collection. Start by selecting a submission category and then follow the steps necessary to complete the requirements for that particular category. For additional information, please email us at admin@acp-sc.org.

Resource Categories

Instruction	Professional Development	Support Services
Lesson plans, curricula, and course outlines organized by career cluster.	Resources supporting both professional growth and understanding of adult career pathways.	Supports for instructional services such as assessment, career exploration, advising, personal health, time management, etc.

Submission Form

Category:

Instruction ▾

What type of resource are you submitting?

Title of Resource:

Name of author/developer:

Year resource was developed and/or published:

Abstract:
Please provide a brief description of the resource

Internet 100%



Professional Development Courses


■ Online, self-paced courses to support professional development needs of career pathways practitioners

1. Building strategic partnerships
2. Developing effective bridge programs
3. Designing contextualized instruction
4. Engaging employers in the education pipeline
5. Integrating career planning and counseling
6. Integrating basic education and skills training
7. Using data for continuous improvement
8. Sustaining career pathways: leadership, policy development , and funding



Course 1: Building Strategic Partnerships

Building Strategic Partnerships**HOME****COURSE OUTLINE****GLOSSARY****HELP****EXIT**

**ADULT CAREER PATHWAYS**

Course Introduction ✓

Pre-assessment

Understanding Strategic Partnerships

Session 1 Introduction ✓

Purpose ✓

Partners ✓

Impact to Partnerships ✓

Session 1 Conclusion

Engaging Strategic Partnerships ✓

Sustaining Strategic Partnerships ✓

Post-assessment ✓

Course Conclusion ✓

Understanding Strategic Partnerships

Purpose

[Introduction](#) > [Promising Partnership](#) > [Definition](#) > [Review](#)

Long Beach School for Adults (LBSA) and Goodwill Industries, Inc. of Southern Los Angeles County (SOLAC)

Strategic partnerships contribute to the success of ACP programs. As you read this story, think about what was achieved due to the partnership and what might have been lost if the partnership was not formed.

Promising Partnership

In 2006, [LBSA](#) developed a strategic partnership with Goodwill [SOLAC](#). The school wanted to offer a health care training program at a [HUD](#) location. However, it could not obtain the required approval to offer the ACP program on its own. After describing its services at a health care summit, a Goodwill SOLAC representative approached LBSA about collaborating on the ACP program.

What were the benefits to the partners? Specifically, LBSA was able to reach and retain more adults by increasing its program offerings as well as being able to add tutoring to the program with the support of Goodwill SOLAC.



Goodwill SOLAC met the objectives of its own mission, "to help people feel whole through the power of work," by increasing the number of low-income, unemployed adults who received training and became employed.

What began as an informal meeting became an internationally award-winning model for ACP educational programs and partnerships.

Why is the partnership between LBSA and Goodwill SOLAC essential to the success of this ACP program?

After you have thought about your response, [click here](#) to see the answer.

Click Next to continue.

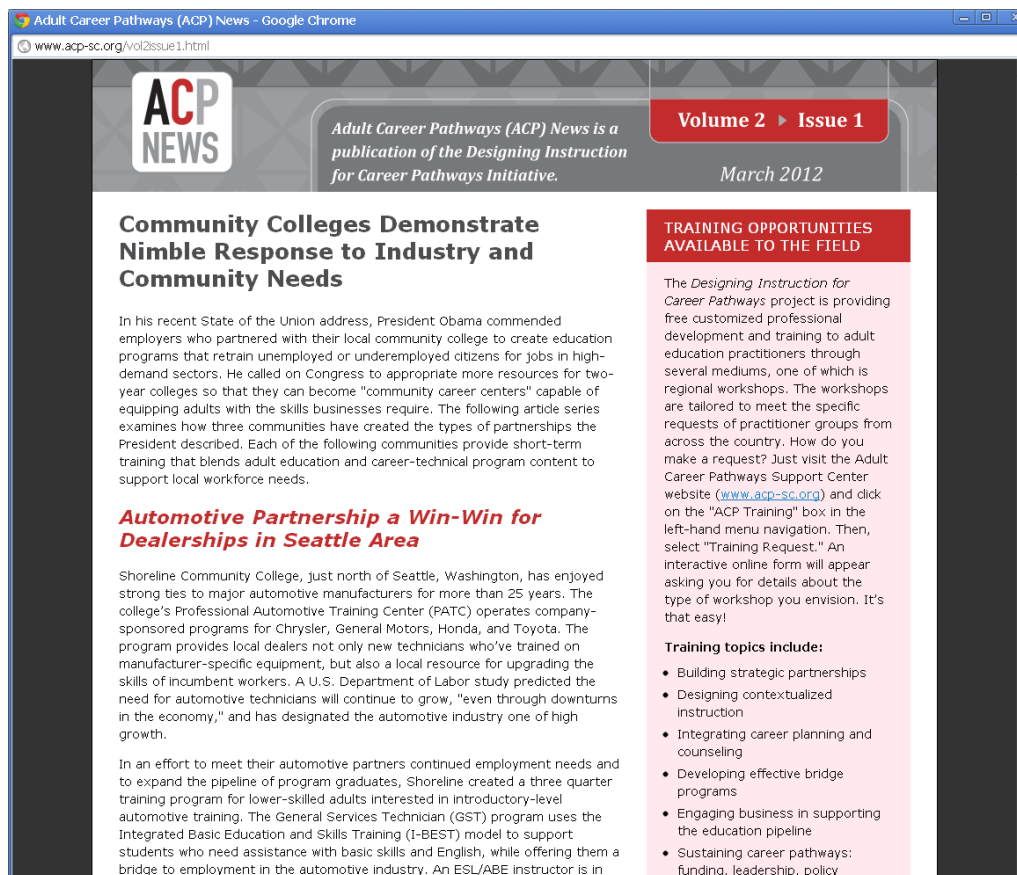


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ACP News E-Newsletter

- Featuring news from across the country
- Current and archived issues available on **acp-sc.org**
- Read online or download PDF to share with colleagues
- Once registered a copy is emailed to you



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Newsletters

ACP News is ACP-SC's bimonthly newsletter to the field. All registered users will receive an email notice when a new newsletter is available. Each newsletter provides updates from the field and highlights current website activities of interest.

Current Issue

May 2012 Volume 2: Issue 2

- [2012 Volume 2 Issue 2](#)
- [2012 Volume 2 Issue 2 \(Download\)](#)

Below is a list of past newsletters. Click the link within the expanded description to read an issue in your browser or click the download link for the PDF.

Archives

March 2012 Volume 2: Issue 1

December 2011 Volume 1: Issue 4

September 2011 Volume 1: Issue 3

July 2011 Volume 1: Issue 2

February 2011 Volume 1: Issue 1

Community of Practice

- **Network, share, exchange ideas/effective strategies among colleagues surrounding major ACP topics:**

- ✓ Getting Started with Career Pathways
- ✓ Building Partnerships and Engaging Employers
- ✓ Designing Instruction for Career Pathways
- ✓ Developing Bridge Programs
- ✓ Counseling and Career Planning
- ✓ Sustaining Career Pathways
- ✓ Data and Career Pathways



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Community Blog

Welcome to the ACP-SC Community Blog! The Community Blog provides regular updates and information on events, news, and activities that influence and/or impact Adult Career Pathways. Check back regularly for the latest post. If you have a promising practice or story you would like to share with the ACP Community via the Community Blog, send it to info@acp-sc.org.

The Promise of Career Pathways Systems Change

June 1, 2012

The U.S. Department of Labor, Employment and Training Administration (ETA) has released a policy paper, The Promise of Career Pathways Systems Change. The paper was commissioned by ETA and developed by Jobs for the Future. It gives an overview of career pathways, the six key elements framework, and provides...[\(view more\)](#)

Training and Employment Notice No. 39-11

April 27, 2012

Subject: Release and Availability of Career Pathways Technical Assistance Resources Purpose: To announce the availability of technical assistance resources for States, local areas, and tribal entities developing Career Pathway systems. Background: Career Pathway programs offer a clear...[\(view more\)](#)

ETA News Release: US Department of Labor launches Virtual Career Network to highlight job opportunities and training in health care

Online tool developed in partnership with American Association of Community Colleges WASHINGTON — The U.S. Department of Labor today announced a new online tool that will allow current and prospective health care workers to explore more than 80 different occupations, identify local education and training...[\(view more\)](#)

OVAE Connection: ED, HHS, and ETA Release Joint Career Pathways Letter



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1 2 ... 40 >



Hope

active 25 seconds ago



Micah

active 2 days, 22 hours ago

ADD CONTACT



mcarson

active 2 days, 23 hours ago

CANCEL CONTACT



mrasul

active 3 days, 2 hours ago

ADD CONTACT

Technical Assistance and Issue Briefs

- **State and Regional Technical Assistance:**
 - Offer face-to-face trainings using ACP Resource Center materials
 - Goal to increase the quantity and quality of career pathways educational programming
- **Issue Briefs—Bridging Research to Practice:**
 - Provide additional information in implementing ACP
 - Watch the website for announcements regarding the upcoming topics and delivery dates!

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Social Media

Find information beyond ACP-SC by engaging with other practitioners through social media. ACP-SC social media is designed to provide users with ongoing access to website activities that extend beyond what is provided on the ACP-SC website.

What is social media?

Any online space where people can interact with one another is considered part of the social web. Social media tools are easy-to-use platforms that allow people to connect online.

How is ACP-SC using social media?




Simple, ACP-SC wants to stay connected to you and for you to stay connected with fellow practitioners and colleagues across the country! We are committed to communicating with, connecting, and reaching those looking to expand Adult Career Pathways. Join our social networks and be part of the conversation

What social media does ACP-SC use?




We look forward to meeting you in the following spots:

Twitter

The role of accountability in CTE in the May 24 OVAE Connection:

<http://t.co/h6FZSZno>   
(about 1 hour ago)

AYPF sponsored discussion on Friday, June 8 – “Increasing College & Career Readiness through Dual Enrollment”:

<http://t.co/4czQFxcW>   
(about 3 days ago)

[SEE ALL](#)

Facebook

The role of accountability in CTE in the May 24 OVAE Connection: <http://ow.ly/bdNx8>
June 4, 2012 • [View](#)

AYPF sponsored discussion on Friday, June 8 – “Increasing College & Career Readiness through Dual Enrollment”:

June 1, 2012 • [View](#)

[SEE ALL](#)

New Social Media User?

How Do I Get Involved?

1. **Create** user account on www.acp-sc.org
2. **Browse** resource collection
3. **Adapt** and implement resources that will enhance your program
4. **Share** successful program resources of your own
5. **Network** with colleagues and exchange ideas in the community of practice
6. **Learn** more about adult career pathways through an online course
7. **Participate** in a state or regional professional development opportunity



Join Us



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