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## Perkins CTE Legislative Update and Advocating for CTE Programs

Mitch Coppes,  
ACTE Legislative Liaison

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## CTE is...

- Secondary, postsecondary & adult education
- Offered in:
  - Comprehensive high schools
  - Career academies
  - Regional technology centers
  - Area career and technical centers
  - Community and technical colleges
  - Other postsecondary institutions
- Closely linked to employer needs
- Evolving

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## CTE in PA is...

- Offered in:
  - Comprehensive high schools
  - Regional technology centers
  - State community colleges
- Enrolment:
  - Secondary: 63,092
  - Postsecondary: 83,825
  - Adult: 16,406
- Federal Support:
  - \$42 million
  - Secondary: 70%
  - Postsecondary: 30%


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## East Valley Institute of Technology (Mesa, AZ)

- Joint Technical Education District
- High school and continuing education for adults
- Serves 10 area schools
- Elective credit in 35 occupation-specific programs
- 10 program areas
- Dual enrollment for some courses
- National industry certifications





## Gateway Technical College (Kenosha, WI)



- Serves 4 counties in Southeast Wisconsin
- 25,000 students annually with 5,000 FTE students
- 65 associate degree and degree programs
- Working with Racine Unified School District on Early College HS
- Advanced Technology Centers and many links to employers






## Flagler Hospital Academy of Medical and Health Centers (St. Augustine,























- Career academy within Pedro Menendez HS
- Academic-CTE integrated curriculum
- 250 students of
- Hospital staff teach some courses
- Dual enrollment options at nearby CC
- Flagler hospital provides classroom space, lab facilities, internships, teacher externships, etc.






- Occupations and career specialties are grouped into “career clusters”
- The National Career Clusters Framework provides structure for organizing and delivering quality CTE programs
- Not all states use all of the clusters and some develop their own
- There are 16 Career Clusters in the National Career Clusters™ Framework
- Further divided into 79 Career Pathways



 <b>Agriculture, Food &amp; Natural Resources</b>	 <b>Education &amp; Training</b>	 <b>Hospitality &amp; Tourism</b>	 <b>Manufacturing</b>
 <b>Architecture &amp; Construction</b>	 <b>Finance</b>	 <b>Human Services</b>	 <b>Marketing</b>
 <b>Arts, A/V Technology &amp; Communications</b>	 <b>Government &amp; Public Administration</b>	 <b>Information Technology</b>	 <b>Science, Technology, Engineering &amp; Mathematics</b>
 <b>Business Management &amp; Administration</b>	 <b>Health Science</b>	 <b>Law, Public Safety, Corrections &amp; Security</b>	 <b>Transportation, Distribution &amp; Logistics</b>



*States' Career Clusters Initiative, 2010, [www.careerclusters.org](http://www.careerclusters.org)*

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**CareerClusters™**  
PATHWAYS TO COLLEGE & CAREER READINESS

**Agriculture, Food & Natural Resources**

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**Agriculture, Food & Natural Resources**

The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

**Pathways:**

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



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States' Career Clusters Initiative, 2010, [www.careerclusters.org](http://www.careerclusters.org)




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**Career & Technical Student Organizations**

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- Business Professionals of America
- DECA
- Family, Career and Community Leaders of America
- Future Business Leaders of America—Phi Beta Lambda
- Future Educators Association
- Health Occupations Students of America
- The National FFA
- National Postsecondary Agricultural Student Organization
- National Young Farmer Educational Association
- SkillsUSA
- Technology Student Association




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## Graduation Rates

- Average national freshman graduation rate (2007-2008) ..74.9%\*
- Average CTE concentrator high school graduation rate (2007-2008) ... 90.18%\*\*
- 81 percent of dropouts say relevant, real-world learning opportunities would have kept them in high school\*\*\*



\* 2007-2008 average national freshman graduation rate: <http://nces.ed.gov/pubs2010/2010341.pdf>  
\*\* U.S. Department of Education, Office of Vocational and Adult Education, Carl D. Perkins Career and Technical Education Act of 2006, Report to Congress on State Performance, Program Year 2007-2008.  
\*\*\* Bridgeland et al, *The Silent Epidemic: Perspectives of High School Dropouts*, 2006.



## College Placement

- 79% of CTE concentrators enrolled in postsecondary education within 2 years of high school graduation\*
- 80% of CTE concentrators persisted in postsecondary education\*\*
- A person with a CTE-related associate degree or credential will earn on average between \$4,000 and \$19,000 more a year than a person with a humanities associate degree.\*\*\*




\* U.S. Department of Education, Postsecondary and Labor Force Transitions Among Public High School Career and Technical Education Participants, January 2011. Table 2, <http://nces.ed.gov/pubs2011/2011234.pdf>  
\*\* U.S. Department of Education, Table 4, <http://nces.ed.gov/pubs2011/2011234.pdf>  
\*\*\* Jacobson and Mokher, *Pathways to Boosting the Earnings of Low-Income Students by Increasing Their Educational Attainment*, 2009.



## CTE Working for Business

- Skilled trade workers, engineers and IT staff are the top three jobs employers are having trouble filling in the U.S., and CTE can play a critical role in training workers in these areas\*
- Health care occupations, many of which require an associate degree or less, make up 8 of the 20 fastest growing occupations\*\*
- Occupations requiring an associate degree are projected to grow faster than those requiring a bachelor degree\*\*\*


\*Manpower Group, *Talent Shortage Survey Results*, 2012  
\*\* U.S. Department of Labor, Bureau of Labor Statistics, *Occupational Outlook Handbook*, 2012–13 Edition  
\*\*\*Ibd



## Return on Investment

- In Connecticut, every public dollar invested in Connecticut community colleges returns \$16.40 over the course of students' careers. That state's economy receives \$5 billion annually in income from this investment.\*
- In Washington, for every dollar invested in secondary CTE programs, the state earns \$9 in additional tax revenues.\*\*
- In Tennessee, CTE returns \$2 for every \$1 invested. At the secondary level, CTE program completers account for more than \$13 million in annual tax revenues.\*\*\*

\*Robison and Christophersen, *The Economic Contribution of Connecticut's Community Colleges*, Economic Modeling Specialists Inc., 2008.  
\*\*Washington State Workforce Training and Education Coordinating Board, *2011 Workforce Training Results-Secondary CTE*, 2011.  
\*\*\*Harrison et al, *The Economic Impact of Secondary and Postsecondary Career and Technical Education in Tennessee*, Sparks Bureau of Business and Economic Research and the University of Memphis, 2006.




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## Career Readiness

**Three key components:**

- Academic skills
- Employability skills
- Technical skills



ACADEMIC SKILLS   EMPLOYABILITY SKILLS   TECHNICAL SKILLS

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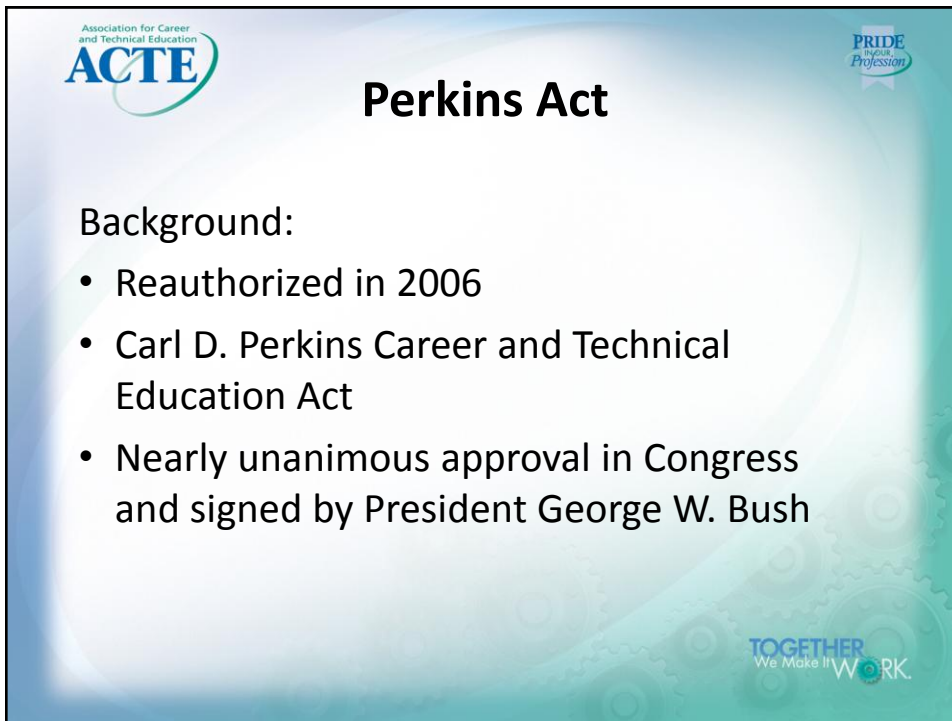
## Perkins Act

**Background:**

- Originally the Carl D. Perkins Vocational and Technical Education Act
- First authorized by Congress in 1984
- Named for former-Rep. Carl Perkins (D-KY)

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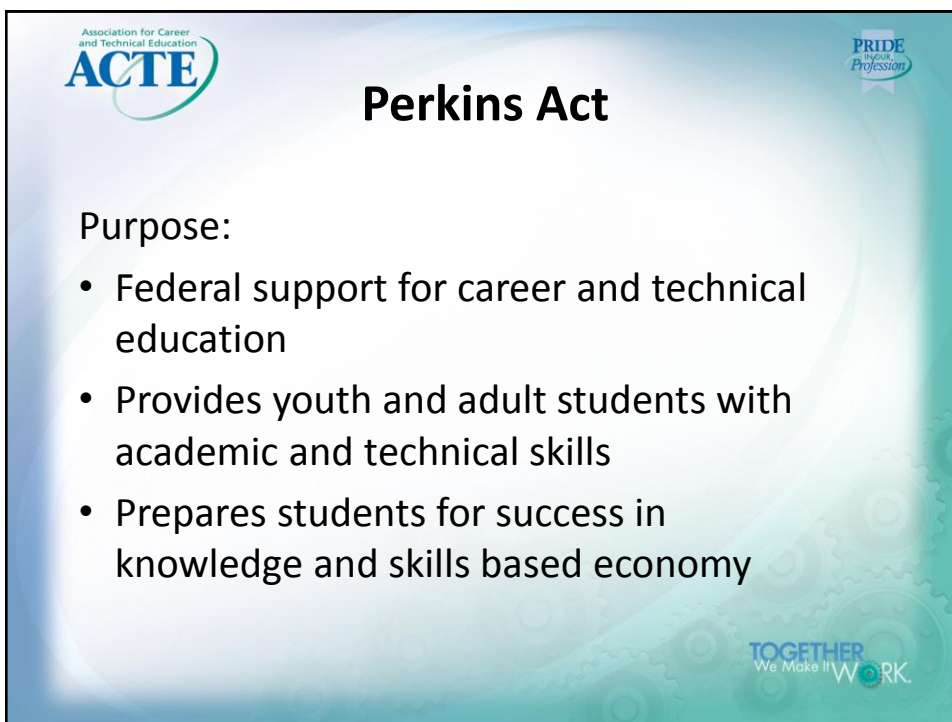
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## Perkins Act

Background:

- Reauthorized in 2006
- Carl D. Perkins Career and Technical Education Act
- Nearly unanimous approval in Congress and signed by President George W. Bush

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## Perkins Act

Purpose:

- Federal support for career and technical education
- Provides youth and adult students with academic and technical skills
- Prepares students for success in knowledge and skills based economy

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## Perkins Act

The law helps states and locals:




- Develop challenging **academic and technical standards** and related challenging, integrated instruction
- Promote **partnerships** (education, workforce boards, business, industry, etc.)
- Connect education, workforce development and economic development
- Focus on **high skill, high wage, high demand jobs** and relate to regional economy
- Increase **transition** from 2 to 4 year college



## Programs of Study

- New requirement in Perkins IV
- The purpose of Programs of Study is to **provide successful student transitions** between secondary and postsecondary education
- Sequence of courses that prepares individuals for postsecondary and careers
- All locals are required under Perkins to implement at least one POS








## Programs of Study

Four elements of Program of Study:

- Incorporate and **align secondary and postsecondary** education
- Include academic and technical content in a coordinated, **non-duplicative progression of courses**
- May include the opportunity for **dual credit**
- Lead to an industry-recognized **credential or certificate** at the postsecondary level, or an associate or baccalaureate **degree**



## Perkins Act

Uses of Perkins Funds:

- Federal recourses supplement state and local dollars
- Ensures that CTE programs are academically rigorous
- Assists in keeping programs up-to-date with needs of business and industry
- Supports innovation in CTE
- Expands access to quality programs
- Drives state support through “maintenance-of-effort” provisions

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## Perkins Act

Who Receives Perkins Funds:

- Basic State Grant funds go to states
- States allocate funds to secondary schools and postsecondary institutions
- Funds are distributed by formulas
- States determine division of funds between secondary and postsecondary

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## Perkins Act

Uses of Perkins Funds:

- Programs of Study
- Integrating academic, career and technical education
- Developing and improving curricula
- Career guidance and academic counseling services
- Professional development and technical assistance for teachers, counselors and administrators
- Support for CTSOs

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## Fiscal Year 2012

Federal Spending, Fiscal Year 2012 (in billions)

Category	Percentage
Health	23.7%
Social Security	21.8%
Defense	19.2%
Income Security	15.3%
Interest	6.3%
Education	~1.0%
Environment	~1.0%
International Affairs	~1.0%
All Other	~1.0%

- U.S. Federal Budget: \$3.8 Trillion
- U.S. Department of Education Budget: \$67 Billion
- Perkins Budget: \$1.1 Billion

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## Federal Investment is Critical

- Federal resources:
  - Help ensure that CTE programs are academically rigorous and up-to-date
  - Support innovation
  - Expand access to quality programs for less wealthier districts
  - Supplement state and local funding, which goes to CTE operating expenses (salaries, administration, etc.)

Source	Relative Investment
Federal	Small portion
State and local	Large majority

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**\$1.1 Billion in Federal Perkins Dollars**

↓

State

↓

Local

States distribute locally using a separate formula

Federal funds are distributed to states by a formula based on factors including population and income

State and local funding may be spent on these elements, among others:

- Operating expenses
- Salaries
- Facilities
- Curricula

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## Perkins CTE Act Reauthorization




- Current version of the law will expire in 2013
- Unclear when Congress will begin reauthorization process
- ACTE has developed recommendations for reauthorization
- We are currently meeting with committee staff and committee members to begin the reauthorization discussion

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## ACTE Perkins Principles

- Redefine the Federal Role in CTE
- Target Expenditures
- Define Program Quality Elements
- Ensure Relevant & Consistent Data
- Offer Incentives for Innovation
- Provide the Infrastructure to Support the System



## Reauthorizations

- **Perkins** – supports a career and technical education system; funding is delivered to support programs
- **WIA** – supports a workforce investment system; funding is delivered to individuals in need of job retraining or job search assistance
- **ESEA** – supports elementary and secondary schools; sets teacher and principal qualifications and supports development; funding is primarily delivered to elementary education

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## Pending Authorizing Legislation

- Workforce Investment Act (2003)
- Elementary and Secondary Education Act(2007)
- Institute for Education Sciences (2009)
- Individuals with Disabilities Education Act (2012)
- Higher Education Act (2013)
- Carl D. Perkins Career and Technical Education Act (2013)

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## Tools and Resources

- CTE Policy Watch Blog
- Legislative Updates
- Legislative Alerts
- Fact Sheets
- Issue Briefs
- State CTE Profiles
- Research Clearinghouse



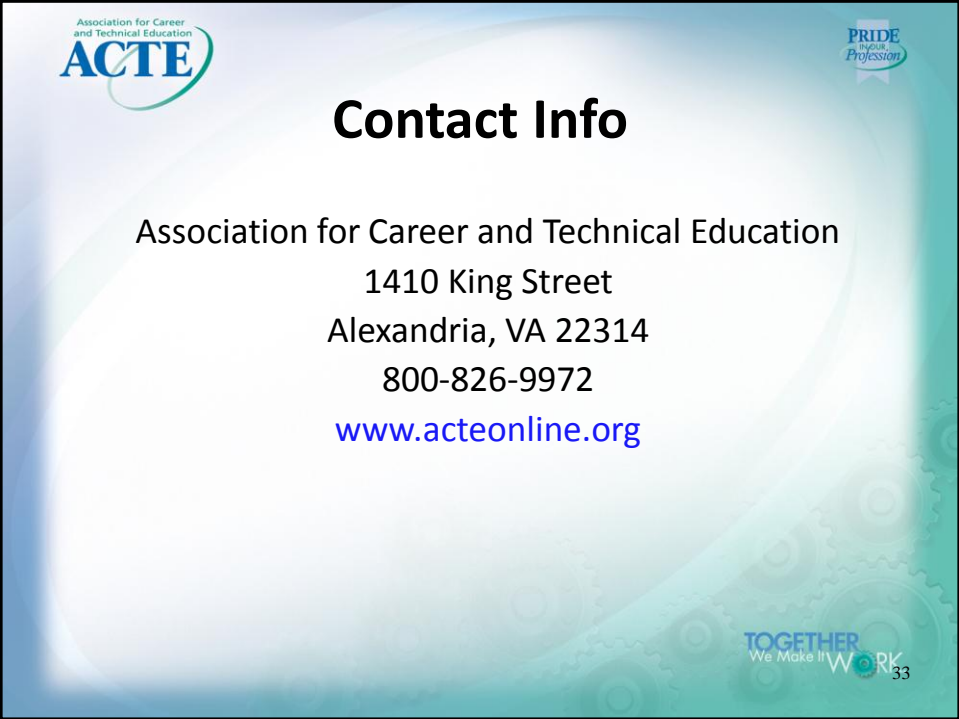

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## Contact Info

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## Estimated FY 2013 CTE State Grants with 5.0% Reduction from FY 2012 Enacted Level

<u>State</u>	<u>FY 2013 at FY 2012 Level</u>	<u>FY 2013 Less 5.0% Reduction</u>	<u>5.0 Percent Reduction</u>
Alabama	19,175,065	19,175,065	0
Alaska	4,214,921	4,214,921	0
Arizona	24,682,154	22,592,163	2,089,991
Arkansas	11,403,795	11,403,795	0
California	124,509,075	113,966,121	10,542,954
Colorado	15,685,877	14,357,657	1,328,220
Connecticut	9,447,487	8,647,510	799,977
Delaware	4,742,337	4,505,220	237,117
District of Columbia	4,214,921	4,214,921	0
Florida	61,612,434	56,395,328	5,217,106
Georgia	37,812,849	34,611,001	3,201,848
Hawaii	5,523,624	5,247,443	276,181
Idaho	6,459,822	5,999,521	460,301
Illinois	40,746,046	38,934,174	1,811,872
Indiana	25,305,610	23,687,919	1,617,691
Iowa	11,963,946	11,963,946	0
Kansas	10,245,408	10,245,408	0
Kentucky	17,905,647	17,905,647	0
Louisiana	21,041,943	21,041,943	0
Maine	5,523,624	5,247,443	276,181
Maryland	15,370,403	14,812,307	558,096
Massachusetts	17,782,735	17,323,922	458,813
Michigan	38,263,652	35,023,632	3,240,020
Minnesota	16,684,637	16,684,637	0
Mississippi	13,363,550	13,363,550	0
Missouri	21,469,329	20,939,820	529,509
Montana	5,211,155	4,950,598	260,557
Nebraska	6,816,893	6,816,893	0
Nevada	9,487,611	8,684,236	803,375
New Hampshire	5,523,624	5,247,443	276,181
New Jersey	22,470,740	21,030,188	1,440,552
New Mexico	8,135,623	8,017,422	118,201
New York	51,973,045	51,361,536	611,509
North Carolina	35,743,866	32,717,211	3,026,655
North Dakota	4,214,921	4,214,921	0
Ohio	42,750,001	42,750,001	0
Oklahoma	15,094,180	15,094,180	0
Oregon	13,452,227	12,410,066	1,042,161
Pennsylvania	41,626,931	40,722,778	904,153
Rhode Island	5,523,624	5,247,443	276,181
South Carolina	18,493,462	16,927,506	1,565,956
South Dakota	4,214,921	4,214,921	0

Tennessee	23,274,945	21,457,158	1,817,787
Texas	92,498,918	84,666,462	7,832,456
Utah	12,322,119	11,495,239	826,880
Vermont	4,214,921	4,214,921	0
Virginia	23,812,418	23,247,014	565,404
Washington	20,805,369	19,584,244	1,221,125
West Virginia	8,428,617	8,428,617	0
Wisconsin	20,241,685	20,241,685	0
Wyoming	4,214,921	4,214,921	0
American Samoa	336,170	319,362	16,808
Guam	633,921	602,225	31,696
Northern Mariana Islands	336,170	319,362	16,808
Puerto Rico	18,458,484	18,458,484	0
Virgin Islands	568,769	567,534	1,235
Indian set-aside	14,037,878	13,335,985	701,893
Other (non-State allocations)	2,961,254	2,813,190	148,064
Total	1,123,030,274	1,066,878,760	56,151,514

NOTE: There is no reduction in allocations for a number of States because of "hold harmless" provisions in the authorizing statute