

**CONNECTICUT STATE DEPARTMENT OF EDUCATION  
Career and Technical Education (CTE)**

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**Carl D. Perkins Continuous Improvement Plan  
Completion Forms  
Secondary and Postsecondary Education  
2014-15**

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Carl D. Perkins Career and Technical Education  
Improvement Act of 2006  
Public Law 109-270

**Due: June 6, 2014**

**Academic Office  
Hartford, Connecticut**

**Carl D. Perkins Grant  
Secondary Continuous Improvement Plan**

Per Section 123 of the Carl D. Perkins Career and Technical Improvement Act of 2006, the state is responsible to monitor and hold accountable all grant recipients for performance on all of the core indicators. Section 123 requires implementation of program improvement plans which address failure of eligible agencies to meet the state adjusted performance levels of any of the core indicators of performance. The section also references consequence when there is failure to make substantial progress to meet the purpose of the Act or to implement responsibilities under the Act.

For 2014-15, it should be noted the academic core indicators performance levels for Math and ELA are calculated as School Performance Indices as follows:

- a. 1S1 Reading: A student's achievement level in the reading portion of the Connecticut Academic Performance Test (CAPT) is transformed into an index score according to the following weights: Below Basic (0), Basic (33), Proficient (67) and Goal and Advanced (100). The overall statewide index score is calculated by averaging the student-level index scores for all CTE Concentrators. Connecticut will continue to report numbers Proficient/Not Proficient through EdFacts per EdFacts file specifications.
- b. 1S2 Math: A student's achievement level in the math portion of the Connecticut Academic Performance Test (CAPT) is transformed into an index score according to the following weights: Below Basic (0), Basic (33), Proficient (67) and Goal and Advanced (100). The overall statewide index score is calculated by averaging the student-level index scores for all CTE Concentrators. Connecticut will continue to report numbers Proficient/Not Proficient through EdFacts per EdFacts file specifications.

To continue funding for FY 2014-15, each district/community college is required to complete a Continuous Improvement Plan (CIP) for core indicators where performance levels for 2012-13 were **not** met. In addition, each district/community college must modify or complete the Expansion Section shown on page 6 to indicate any changes to the original District Five-Year Plan. For instance, if a new CTE pathway or academy will be developed in 2014-15, provide an executive summary under the Expansion Section. Please be sure to reflect the new improvements/changes when completing the budget and budget narrative found in the Carl D. Perkins ED114 and Budget Narrative for Secondary and Postsecondary Education.

Instructions to complete the CIP are located on the Connecticut State Department of Education (CSDE) Web site at <http://www.sde.ct.gov/sde/cwp/view.asp?a=2678&q=320802&sdePNavCtr=#45488>, titled *Continuous Improvement Plan Guide*. Each district/community college must submit the CIP by, **Friday, June 6, 2014**, at the following address:

Secondary Education:

June Sanford, Chief, Bureau of Curriculum,  
Instruction and Assessment  
Connecticut State Department of Education  
Academic Office  
165 Capitol Avenue, Room #215  
Hartford, Connecticut 06106

Postsecondary Education:

Lori Matyjas, Postsecondary Grant Manager  
Connecticut State Department of Education  
Academic Office  
165 Capitol Avenue, Room #215  
Hartford, Connecticut 06106

**Carl D. Perkins Continuous Improvement Plan 2014-15  
Cover Sheet**

Grantee: \_\_\_\_\_  
(District or Community College)

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_ Phone: \_\_\_\_\_

Continuous Improvement Team (identify district/community college team leader):

Administrators: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Teachers: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

School Counselors: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CIPs attached for the following career pathways/areas of concentration-assessment/clusters:

**Pathways/Areas of Concentration (Secondary)**

- Accounting
- Agriculture Mechanics
- Animal Science
- Aquaculture and Marine-Related Technologies
- Automotive Technology
- Business Management
- Certified Nursing Assistant (C.N.A.)
- Computer Aided Drafting and Design
- Computer Information Systems
- Cooperative Work Education (C.W.E.)
- Early Childhood Education and Services
- Marketing Education
- Medical Careers Education
- Natural Resources and Environmental Science
- Nutrition, Food Production and Services
- Plant Science
- Pre-Engineering Technology
- Video Production Systems
- Non-assessed career pathway:

**Clusters (Secondary and Postsecondary)**

- Agriculture and Natural Resources
- Arts, Audio Video Tech, and Communication Services
- Business and Administrative Services
- Construction
- Education and Training services
- Financial Services
- Health Services
- Human Services
- Hospitality and Tourism
- Information Technology Telecom Services
- Legal and Protective Services
- Manufacturing
- Public Administration/Government Services
- Scientific Research Engineering and Technical Services
- Transportation, Distribution and Logistics Services
- Wholesale/Retail Sales and Services

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**Secondary Continuous Improvement Plan Template: 2014-15**  
**Carl D. Perkins IV**

**Core Indicators:** State targets for 2012-13, for secondary schools, are listed below. Utilizing the data provided by the state located at <http://www.sde.ct.gov/sde/cwp/view.asp?a=2678&q=320802&sdePNavCtr=#45488>, enter your actual performance levels for 2009-10 and 2010-11.

District: \_\_\_\_\_ Date: \_\_\_\_\_  
 Career pathway/area of concentration identified for improvement: \_\_\_\_\_ Cluster: \_\_\_\_\_

Core Indicator Data	State Target 2012-13	Actual Perf. 2011-12	Actual Perf. 2012-13	Strategies for Improvement	Professional Development
Academic Attainment (SPI)					
Reading	79				
Math	79				
Technical Skill Attainment	47.5%				
Graduation/Completion	94.0% *				
Placement (Military, Employment, Advanced Placement)	52.5%				
Nontraditional Participation	40.0%				
Nontraditional Completion	36.0%				

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\*NCLB targets for high school graduation.

**Postsecondary Continuous Improvement Plan Template: 2014-15**  
**Carl D. Perkins IV**

**All Core Indicators:** Utilizing the data provided by the community college system, enter your actual performance levels for the year 2012-13. Identify and insert professional development activities that will be utilized to improve performance in core indicators.

College Career Pathways Institution: \_\_\_\_\_ Date: \_\_\_\_\_

Cluster area identified for improvement: \_\_\_\_\_

Core Indicator Data	State Target 2012-13	Actual Performance 2011-12	Actual Performance 2012-13	Strategies for Improvement	Professional Development
Technical Skill Attainment	92.80%				
Credential, Certificate, or Degree	32.65%				
Student Retention or Transfer	75.34%				
Student Placement	71.50%				
Nontraditional Participation	33.41%				
Nontraditional Completion	25.53%				

Identify plans for expansion: (include plans for additional pathways/clusters, identifying activities, professional development and resources to support the expansion):



**Connecticut Career and Technical Education 2008-2013:  
Crosswalk to 16 Federal Clusters, 34 Career Pathways and 20 Areas of Concentration and Assessment**

		16 Career Clusters	34 Career Pathways	Areas of Concentration/Assessment
<b>CT Comprehensive School Counseling Program</b>	<b>F</b>	Agriculture, Food and Natural Resources (Harold Mackin)	• Animal Science	Animal Science Aquaculture and Marine-Related Technologies
			• Environment & Natural Resources	Natural Resources and Environmental
			• Plant Science	Aquaculture and Marine-Related Technologies
			• Power, Structural and Tech	Plant Science
			• Aquaculture & Marine Sciences	Agriculture Mechanics
	<b>F</b>	Architecture and Construction (Harold Mackin)	• Design/Pre-construction	Computer Aided Drafting and Design
			• Visual Arts	Wood Technology*
	<b>M</b>	Arts, Audio/Video Technology and Communications (Harold Mackin)	• Performing Arts • Audio Visual Tech and Film	Video Production Systems
	<b>M</b>	Business, Management and Administration (Lee C. Marcoux)	• Accounting	Accounting
			• Business Management • Entrepreneurship	Business Management
			• Teaching/Training	Early Childhood Education and Services
	<b>M</b>	Education and Training (Lori J. Matyjas)	• Teaching/Training	Early Childhood Education and Services
	<b>F</b>	Finance (Lee C. Marcoux)	• Investing and Personal Finance	Personal Finance*
	<b>M</b>	Government and Public Administration (Lee C. Marcoux)	• Government and Public Administration	N/A
	<b>M</b>	Health Sciences (Lori J. Matyjas)	• Therapeutic Services • Health Information • Supportive Services • Diagnostic Services • Biotech Research and Dev.	Medical Careers Education Certified Nurse Assisting (CNA)
			• Restaurants/Food Marketing and Management • Travel & Tourism: Marketing and Management	Nutrition, Food Production and Services Marketing Education
			• Early Childhood Dev and Services • Family and Community Services	Early Childhood Education and Services
			• Computer Info Systems and Communication • Computer Program/Software Development	Computer Information Systems
			• Introduction of Law	Business Management
	<b>F</b>	Information Technology (Lee C. Marcoux)	• Computer Info Systems and Communication • Computer Program/Software Development	Computer Information Systems
<b>M</b>	Law, Public Safety, Corrections and Security (Lee C. Marcoux)	• Introduction of Law	Business Management	
<b>F</b>	Manufacturing (Harold Mackin)	• Manufacturing Production Process Development	Computer Aided Drafting and Design	
<b>M</b>	Marketing, Sales and Service (Dr. Stephen Hoag)	• Distribution and Logistics • Marketing Info, Management and Research • International Marketing • Retail Merchandising	Marketing Education  Textiles and Design	
		• Engineering and Technology • Science and Mathematics	Pre-Engineering Technology	
<b>F</b>	Science, Technology, Engineering & Mathematics –STEM (Harold Mackin)	• Engineering and Technology • Science and Mathematics	Pre-Engineering Technology	
<b>F</b>	Transportation, Distribution and Logistics - (Harold Mackin)	• Transportation, Dist. And Logistics	Automotive Technology	

**Structured Work-based Learning/Cooperative Work Education**

Key: M = Males F = Females (F/M indicates areas that are non-traditional to the gender listed.)  
\*New areas of concentration beginning 2010-2011.