



**IOWA**  
Department of Education

*Leadership, Innovation and Service for IOWA.*

# **What is New in the Upcoming Academic Year for Iowa CTE/Perkins**

**Career and Technical Education Bureau Staff  
Iowa Department of Education, Des Moines IA**

**Presentation at the CTE/Perkins Statewide Meeting**

**Des Moines, Iowa**

**October 7, 2014**



COMMUNITY COLLEGES

# National/Statewide Projects Involving Iowa Department of Education CTE Staff

- **National Manufacturing Career Cluster Pilot**
- **CTE Secondary Task Force**
- **Third-Party Certificate Data Exchange Project**
- **Addressing CTE Teacher Shortage Areas**
- **Competency Based Education**
- **IT Microsoft Academy**
- **Work-Based Learning**



# National/Statewide Projects Involving Iowa Department of Education CTE Staff

- **CTE's Place in the College and Career Ready Discussions**
- **Education Outcomes Research**
- **Intermediary Network Grants**
- **The NGA Grant**
- **Financial Literacy**
- **Online Safety Courses**
- **NAPE Equity/STEM Project**
- **Model Programs of Study**
- **Voluntary Framework for Accountability**



# A Brief History of CTE

	Prior To Perkins Legislation	Perkins/CTE	21 <sup>st</sup> Century CTE
<b>Structure</b>	Uncoupled	Loosely Coupled	Tightly Coupled
<b>Policy</b>	Growing US Industrial Expansion	Providing Stability to Middle 60 percent of the Student Population	Showing the Value Added of CTE
<b>Process</b>	Vocational Separate from Academic but on Equal Footing	Vocational Combined with Academic but CTE Acts Reactively	Shifting Thinking About CTE from Program to Strategy
<b>Outcome</b>	Middle Class Expansion and Strengthening	Explicit Inclusion of Underrepresented Populations	College and Career Ready



# Some Past and Present Common Misconceptions of CTE

- CTE is for those “other” kids not going to “college”
- CTE is vocational i.e. working with only with hands
- CTE is a high school program
- CTE occurs in a different part of the high school
- CTE is not done in community colleges
- CTE related to occupations and not career pathways
- CTE and Perkins are the same thing

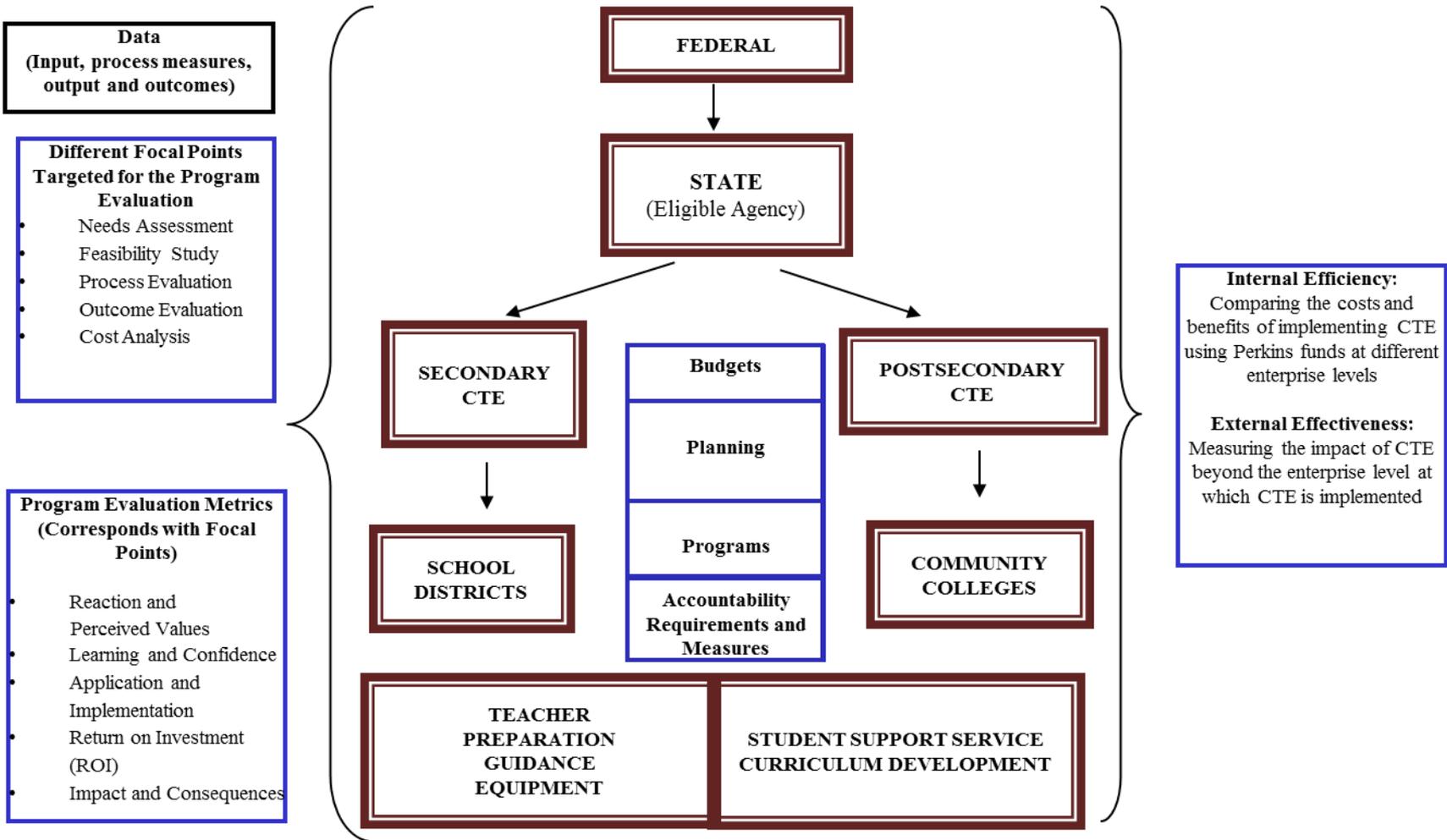


# What Does High School CTE Look like Today

- Looks much like Iowa or like our neighboring states
  - **Primarily small to mid size high schools**
  - **Mostly federally funded**
  - **Struggle to offer courses and programs across the CTE spectrum**
  - **Difficult to find licensed teachers in certain areas**
  - **Anything outside the CTE classroom is considered extra-curricular**
  - **Tight budgets**
  - **Sense of isolation**



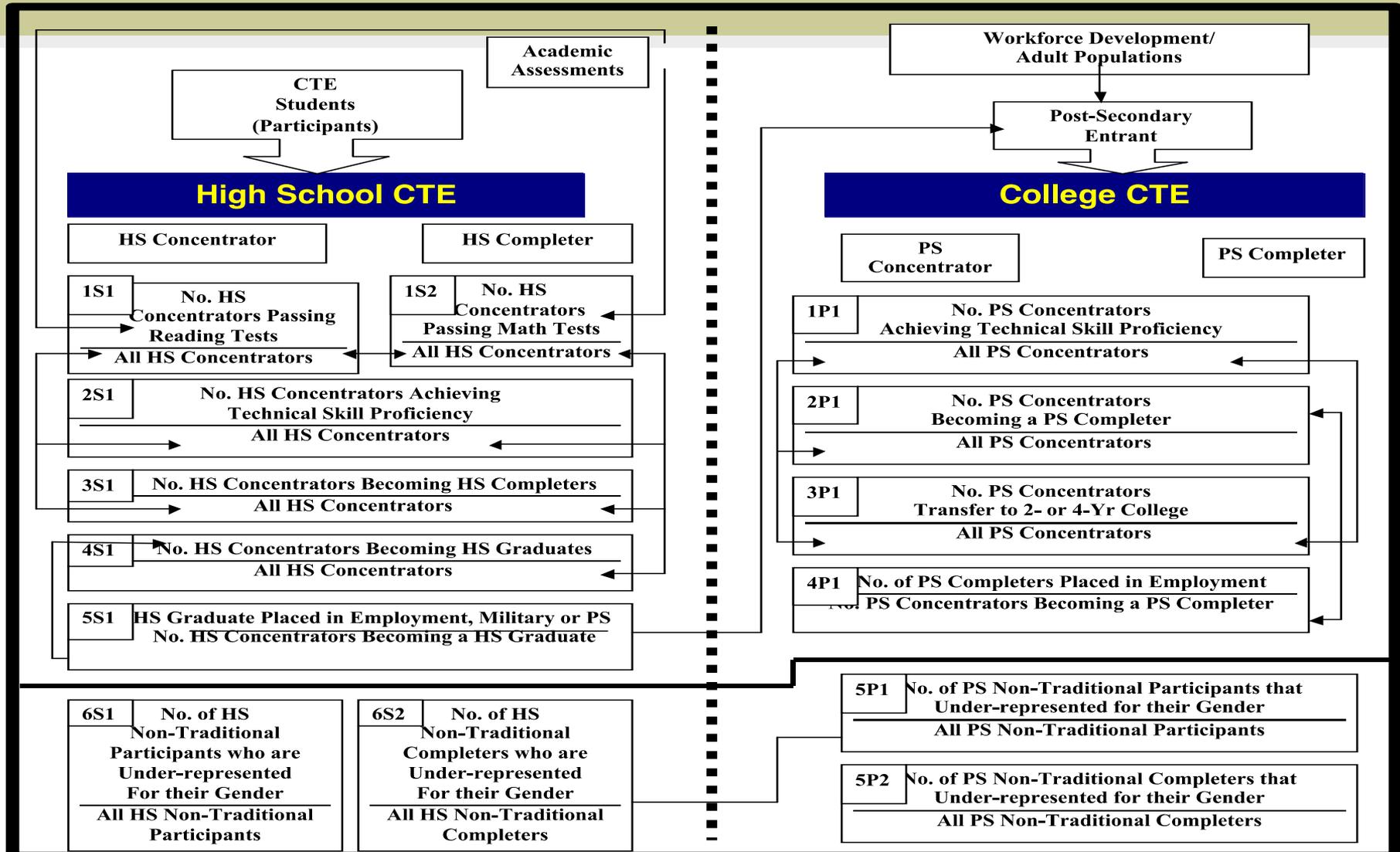
# Connecting CTE plans, programs, budgets, and accountability to measure CTE's value-added



# STATE ACCOUNTABILITY TARGETS 2014-2015

Secondary Targets			Post-Secondary Targets		
Indicator and Citation	State Target (7/1/14-6/30/15)	Local Target (7/1/14-6/30/15)	Indicator and Citation	State Target (7/1/14-6/30/15)	Local Target (7/1/14-6/30/15)
1S1 Academic Attainment - Reading/Language Arts	76.84%				
2S2 Academic Attainment - Mathematics	77.35%				
2S1 Technical Skill Attainment	90.00%		1P1 Technical Skill Attainment	91.00%	
3S1 Secondary School Completion	95.00%				
4S1 Student Graduation Rates	93.89%		2P1 Credential, Certificate or Diploma	37.00%	
			3P1 Student Retention or Transfer	72.00%	
5S1 Secondary Placement	87.78%		4P1 Secondary Placement	65.00%	
6S1 Nontraditional Participation	45.00%		5P1 Nontraditional Participation	18.00%	
6S2 Nontraditional Completion	36.00%		5P2 Nontraditional Completion	29.00%	

# Linking secondary and postsecondary Perkins accountability indicators: A schematic representation.



# The College & Career Dilemma: Iowa Data

## 9<sup>th</sup> Grade Cohort

- 100 enter 9<sup>th</sup> grade\*
- 88 complete HS
- 59 Start Postsecondary
  - 18 enroll in two-year
  - 41 enroll in four-year
- 36 Complete Degree
  - 10 complete within three years (two-year degree)
  - 26 complete within six years (four-year degree)

## Benchmarks

- 88% complete HS
- 67% start PS immediately
  - 50% drop out after one year
  - 29% drop out after one year
- Of those who started, 60% finish
  - 55% have two-year degrees
  - 63% have four-year degrees

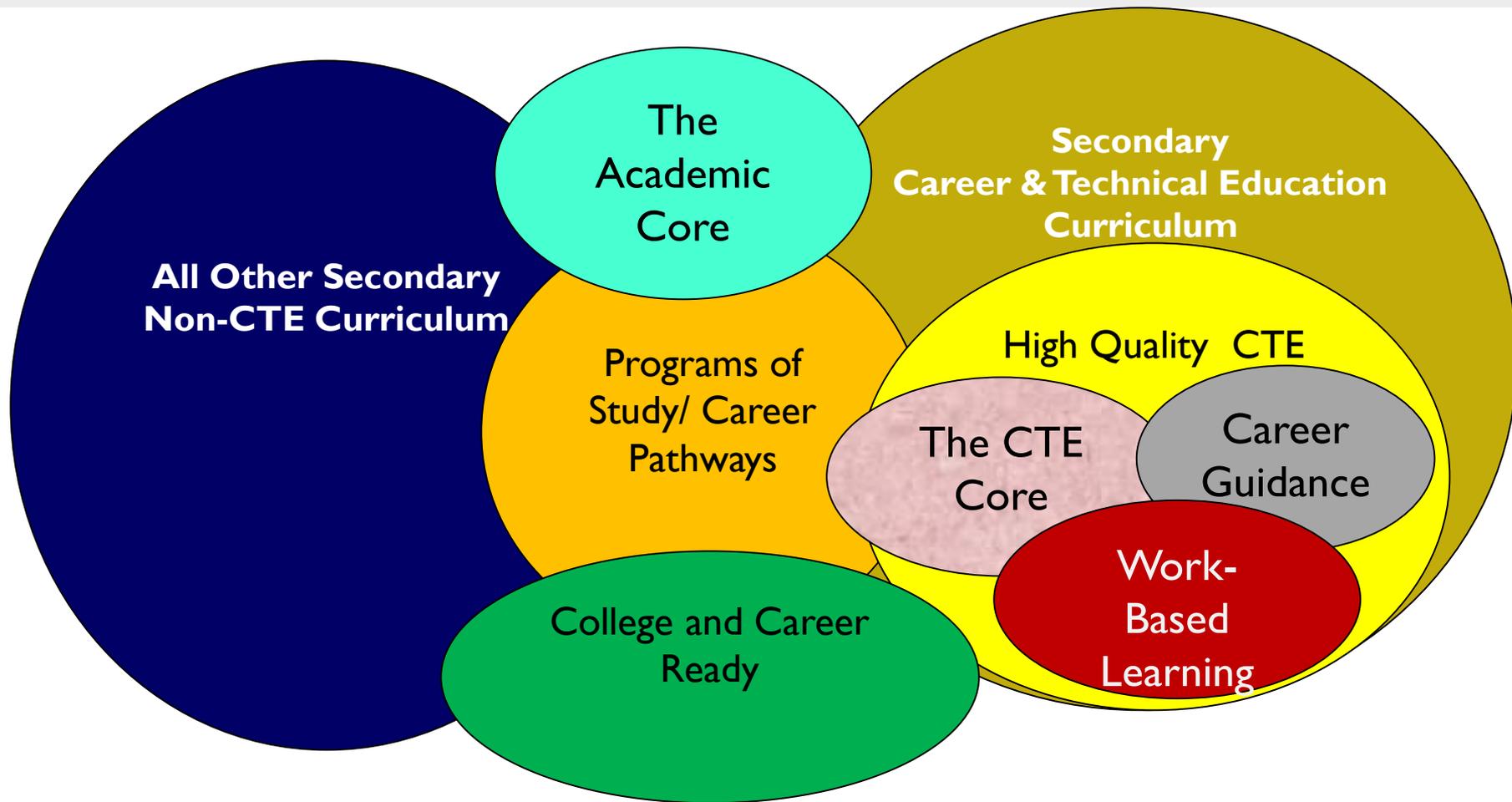
## Workforce Credentials

- 12% enter as HS drop outs
- Other Information
  - 22% some college but no credential
  - 10.6% of population hold an associate degree
  - 25.7% of population hold an undergraduate degree or higher

\*An unknown number of pre-9th graders never make it to high school



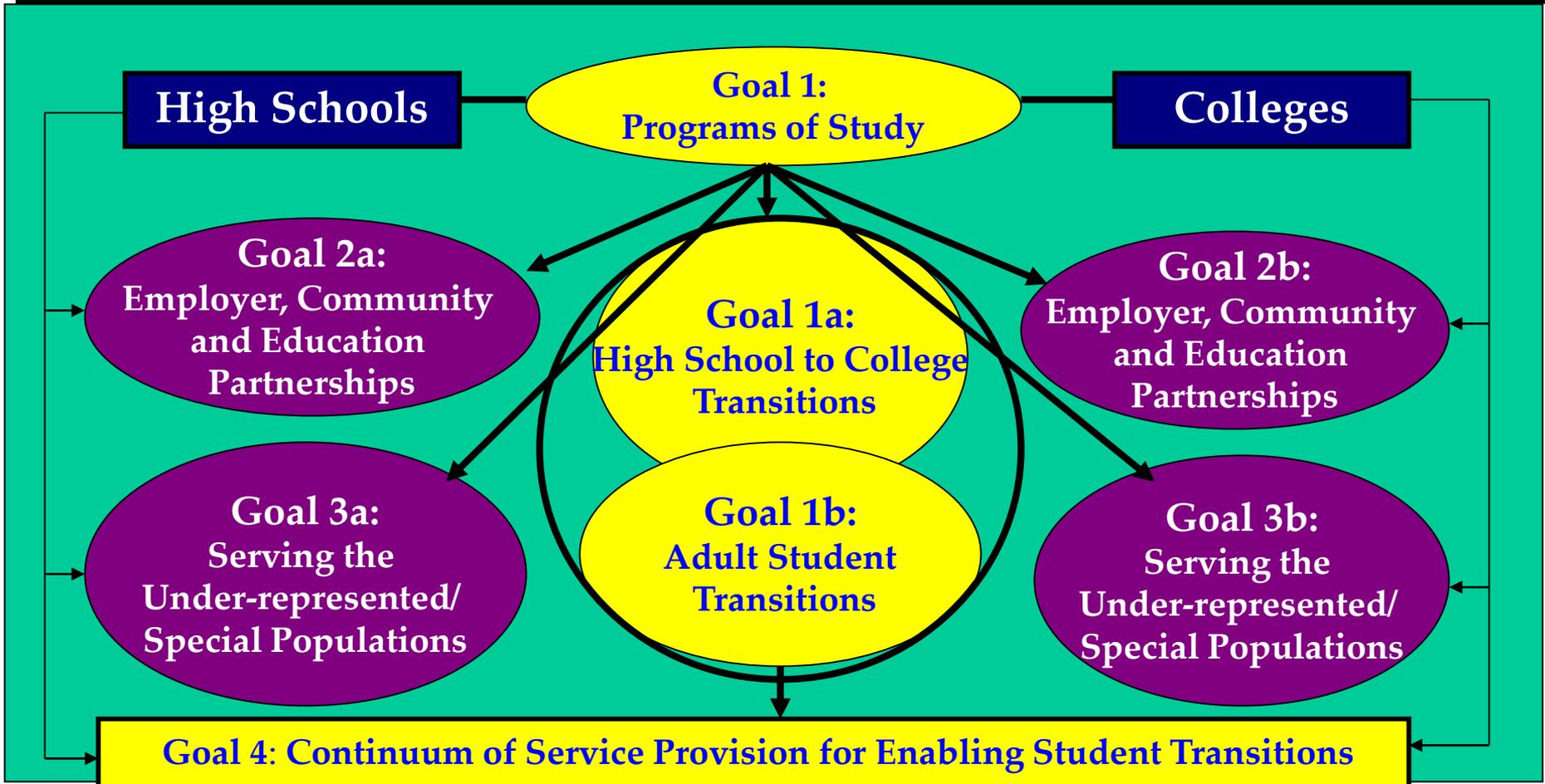
# The “New” 21<sup>st</sup> Century Secondary CTE: The CTE of Tommorow



# Looking Beyond Perkins IV

*A new consortium structure of high schools and colleges*

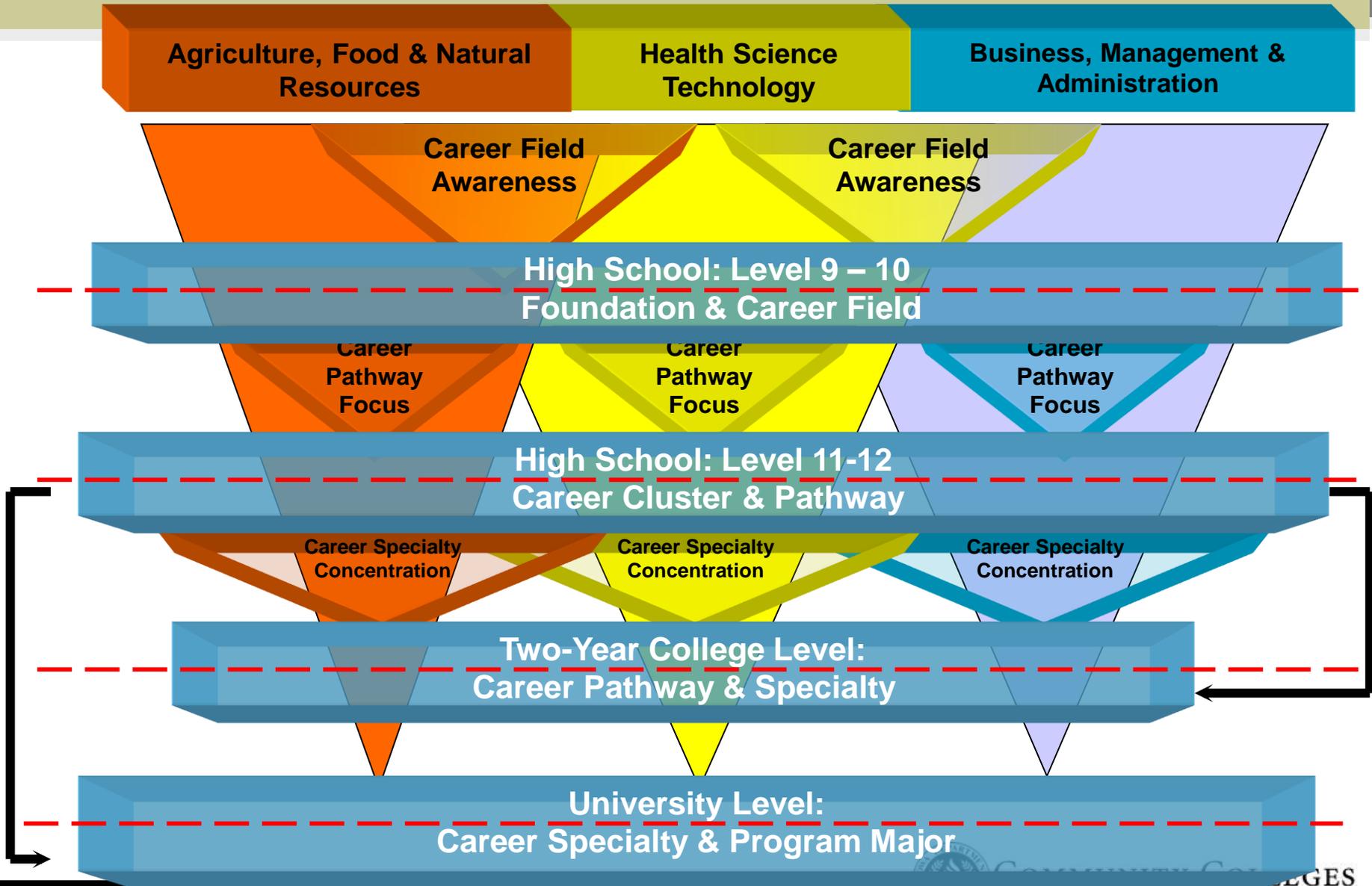
## LOCAL APPLICATION PLAN



**Note:** High schools and colleges are expected to target funds toward these goals and report on the success/failure at meeting pre-determined accountability measures



# Career Fields, Clusters & Pathways – Programs of Study Conceptual Flow



# Smarter Partnerships

For partnerships that work, there needs to be:

## 1) Leadership

where partners share a common vision and harness their energies to achieve more than they could on their own

## 2) Trust

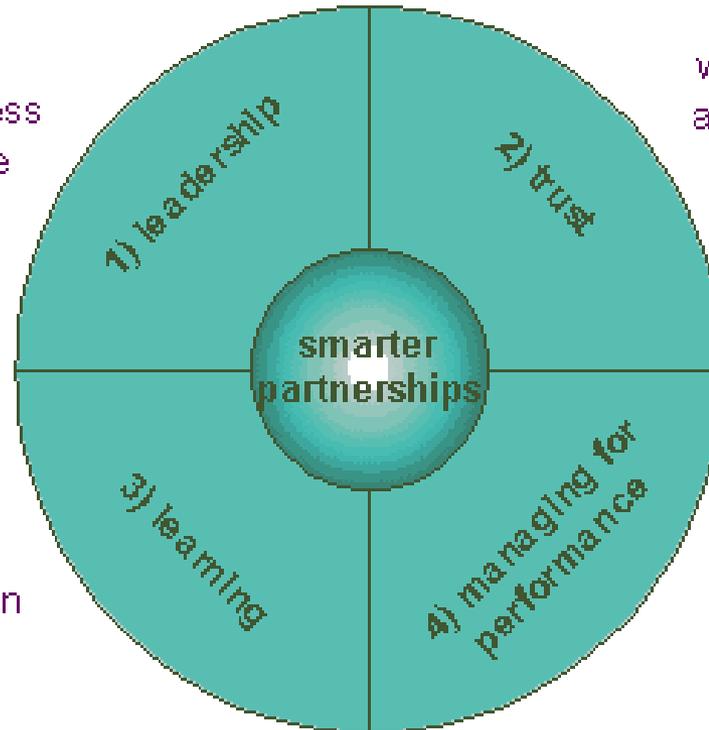
where partners are mutually accountable, share risks and rewards fairly, and support each other

## 3) Learning

where partners continuously seek to improve what they do in partnership

## 4) Managing for performance

where partners put in place necessary practices and resources, and manage change effectively



Duin, A.H., Baer, L.L., Maes, S., & Moxley, V. Expanding Capacity to Engage and Serve: Success Indicators for Partnerships./ Higher Learning Commission Annual Conference, Chicago, April 2005.



# What is the Iowa Department of Education CTE Staff Discussing

- **Perkins Consortium Restructuring**
- **Enhancements to the Plus CTE system**
- **Career and Technical Student Organizations (CTSOs)**
- **Risk-Based Program Evaluation**
- **Updates/Revisions on Guidance Documents**



# What Does Consortium Management Look Like?

## Notes from the field

- Describe just a few things that you consider as basic for the operation of the consortium.
- Indicate what particularly do you attend to when it comes to programs, budget and finance, and accountability?
- What do you watch for regarding intra-consortium relationships, and do you have processes in place to help your member districts?
- What things might you need to help you become more operationally efficient when you are managing the consortium?



# Consortium Restructuring



# Federal Law and Iowa State Plan

- Perkins Five Year State Plan (2008-Current)
  - **Currently does not allow for restructuring**
  - **Federal Requirements**
    - To receive funds as a single district, must have an allocation of  $\geq$  \$15,000
  - **Allocation determined by Enrollment Formula**
    1. October Certified Annual Enrollment (Iowa Department of Education)
    2. Population by County (U.S. Census Bureau)
    3. Population Aged 5-17 in Poverty related to Householder by County (U.S. Census Bureau: Small Area Income and Poverty Estimates (SAIPE))



# Current and Future Considerations

- Workforce Investment and Opportunities Act (WIOA), 2014.
- Perkins Reauthorization Considerations
  - **It's possible that Consortiums will be a requirement in Perkins reauthorization.**



# Consortiums

## Purpose and Intent

1. Make CTE programs accessible to all populations,
2. Prepare individuals to enter employment and/or post-secondary education,
3. Promote articulation among secondary and post-secondary education,
4. Promote participation for all special needs populations into CTE programs,
5. Coordinate the integration of embedded academic credit into CTE instruction and design, and
6. Implement and assess the effectiveness of secondary instructional models that provide a career and technical education.



# Consortium Restructuring (Anticipated) Process

1. 2015-2016 Fiscal Year
2. Interested recipients will:
  - A. Submit application of intent.**
  - B. Early application is a condition for consideration**
    - I. January/February of preceding fiscal year**



# Restructuring (Yes/Approved Conditions)

- Allocation  $\geq$  \$15,000
  - **Enrollment Trends (reviewed over several years).**
- Required Components
  - **Evidence of Prior Planning**
  - **District met required components of past grants.**
- Targets
  - **Renegotiate (based on individual district performance).**
  - **Maintain status quo for (a minimum of) two years before another application for consortium change may be made.**
    - **Target negotiation based on two years prior (performance).**
- Claims
  - **Compliance for prior Perkins Use of Funds**
- Monitoring
  - **Good standing with past monitoring (Perkins/School Improvement)**



# Restructuring (No/Not Approved Conditions)

- Allocation ≤ \$14,999
  - Individual recipient is less than \$15,000
  - District exit reduces entire consortium to less than \$15,000
- Required Components
  - District has not met required components of past grants.
- Claims
  - Non-Compliance for Perkins Use of Funds
- Monitoring
  - Outstanding citations past monitoring (Perkins/School Improvement)



# General Discussion

- Whole grade sharing
- Enrollment < 200
- AS28 and Concurrent Enrollment
- Districts tuitioning out grades 9-12
- “Too Big to Fail”
- Districts >\$15,000 joining a consortium
- Equipment and Inventory
- Allocation Amounts – Shared with consortium members?
- Appeals – Unanticipated cases.





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# Secondary CTE Reporting System



COMMUNITY COLLEGES

# 26 Plus CTE – An Overview

Career and Technical Education Program  
Certified on 9/16/2014 7:32:26 AM

Uncertify

**All Forms Are Complete.**

Form	Status	Due Date
Section 1: Update Program of Study Linkage	Approved on 8/25/2014 12:06:26 PM	9/1/2014
Section 2: Update/approve Courses in Program	Approved on 2/11/2014 3:41:24 PM	1/31/2014
Section 3: Update/approve Students in Program	Approved on 6/2/2014 4:05:26 PM	6/15/2014
Section 4: Update Secondary State Assistance Financial	Approved on 7/29/2014 12:36:42 PM	7/31/2014
Section 10: Confirm Next Year's Programs	Approved on 5/27/2014 12:52:15 PM	6/15/2014



# Plus CTE – Section 2 (1?) 27 Due January 31 of each year

## Career and Technical Education Courses in a Program

Contact Name: 
 Contact Phone: 
 Contact Email:

Approved on 2/11/2014 3:41:24 PM

Service Area	Career Cluster	CIP Title	CIP Code	Units to complete program	State Reviewed
Agriculture	Agriculture, Food and Natural Resources	Agricultural Business and Management, General.	0101010000	4.5	2/18/2014 1:49:05 PM
Business	Business, Management and Administration	Business/Commerce, General.	5201010000	3.5	2/17/2014 12:37:54 PM
Business	Information Technology	Computer Systems Networking and Telecommunications.	1109010000	4.75	9/11/2014 11:11:40 AM
Family & Consumer Sciences	Education and Training	FAMILY AND CONSUMER SCIENCES	1901000000	3.34	4/4/2014 3:16:08 PM
Family & Consumer Sciences	Hospitality and Tourism	Cooking and Related Culinary Arts, General.	1205000000	3.4	4/4/2014 3:16:14 PM
Health Occupations	Health Science	HEALTH SERVICES/ALLIED HEALTH/HEALTH SCIENCES, GENERAL	5100000000	3.04	2/17/2014 2:03:13 PM
Industrial Technology	Architecture and Construction	CONSTRUCTION TRADES	4699000000	7	4/2/2014 4:00:18 PM
Industrial Technology	Law, Public Safety and Security	Criminal Justice/Police Science.	4301070000	3.61	4/2/2014 4:00:03 PM
Industrial Technology	Science, Technology, Engineering and Mathematics	ENGINEERING RELATED/PLTW	1515000000	3	4/2/2014 3:59:50 PM Reviewed Conditionally
Industrial Technology	Transportation, Distribution and Logistics	Autobody/Collision and Repair Technology/Technician.	4706030000	3.26	4/2/2014 3:59:16 PM
Industrial Technology	Transportation, Distribution and Logistics	Automobile/Automotive Mechanics Technology/Technician.	4706040000	3.25	4/2/2014 3:58:59 PM

# <sup>28</sup>CIP Codes and Identification Codes

- Each program is identified by a CIP Code:
- **51.0000 Health Services/Allied Health/Health Sciences General.** A general, introductory, undifferentiated, or joint program in health services occupations that prepares individuals for either entry into specialized training programs or for a variety of concentrations in the allied health area. Includes instruction in the basic sciences, research and clinical procedures, and aspects of the subject matter related to various health occupations.



# CIP<sup>29</sup> Codes and Identification Codes

- Each Program also has Identification Codes:

Secondary  
Program

Full Time  
Preparatory

**FAMILY AND CONSUMER SCIENCES**  
**1901000000 02 02 11 02 0**

No special  
emphasis

State Approved – 22 shows  
not eligible for state  
funding



# 30 Plus CTE – Section 2 Cont.

[Return to Courses in a Program](#)

## Course Requirement

Business/Commerce, General. - 5201010000

District approved courses on 2/11/2014 3:41:24 PM

State reviewed on 2/17/2014 12:37:54 PM [Undo State Review](#)

2014 Comment:

[Update comment](#)

Click "Add Course" to insert a course into this Course Sequence  
 Click "Edit" to change course information or add an alternative to this course

If Course found in Winter Project EASIER is No, click on the corresponding Edit button to update the record.

### Course sequence 1

	Local Course Number	Local Course Title	Units	Course found in Winter Project EASIER
<a href="#">Edit</a>	BUS121041	Accounting	0.5	Yes
<a href="#">Edit</a>	BUS12051	General Business	0.5	Yes
<a href="#">Edit</a>	BUS100041	Computer App. I	0.5	Yes
<a href="#">Edit</a>	BUS100042	Computer App. II	0.5	Yes
<a href="#">Edit</a>	BUS12054	Business Law	0.5	Yes
<a href="#">Edit</a>	BUS121042	Accounting	0.5	Yes
<a href="#">Edit</a>	BUS22210	Personal Finance	0.5	Yes
		Total units in Course Sequence	3.5	



# 31 Plus CTE – Section 2 Cont.

Back

## Course Requirement

Business/Commerce, General. - 5201010000

District approved courses on 2/11/2014 3:41:24 PM

State reviewed on 2/17/2014 12:37:54 PM [Undo State Review](#)

2014 Comment:

[Update comment](#)

Use the drop down and select a course and click the Update Button.

Select course from drop down	BUS121041-Accounting	Drop down is generated from the Winter Project EASIER Student File. It contains all courses marked as vocational in which a student was enrolled.
or enter the Local Number	Local Title	Carnegie Units
BUS121041	Accounting	0.5



# Plus CTE – Section 2 Cont.

### Course Requirement

2014 Comment

Please select

- 12DMACCAPP211-DMACC Textiles
- AG180011-Intro to Agriculture
- AG18054-Landscape Design
- AG181011-Companion Animal Science
- AG182032-Agriculture Communications
- AG18204-Ag: Adv. Studies
- AG18308A-Plant Biotechnology I
- AG18308B-Plant Biotechnology II
- BUS100041-Computer App. I
- BUS100042-Computer App. II
- BUS10006A-Video Production
- BUS10006B-Video Production
- BUS12051-General Business
- BUS12054-Business Law
- BUS121041-Accounting
- BUS121042-Accounting
- BUS22151-Careers and Lifestyle
- BUS22210-Personal Finance
- DMACCADM221-DMACC Career Develop Skills
- DMACCADM259-DMACC Professional Development
- DMACCADM936-DMACC Occupational Experience
- DMACCAGB331-Ag Business Management
- DMACCAGS113-Survey of the Animal Industry
- DMACCAPP260-DMACC Fashion Anl/Design
- DMACCAUT114-DMACC Shop Fund & Minor Serv
- DMACCAUT163-DMACC Automotive Engine Repair
- DMACCAUT615-DMACC Auto Electric Electron
- DMACCCON333-Materials/Construction Theory
- DMACCCON336-Care/Use of Hand/Power Tools

Commerce, General. - 5201010000

Selected courses on 2/11/2014 3:41:24 PM

2/17/2014 12:37:54 PM

select a course and click the Update Button.

Drop down is generated from the Winter Project EASIER Student File. It contains all courses marked as vocational

	Carnegie Units
	0.5

# Plus CTE - Section 3 – Due Before Your Teachers

## Leave for the Summer

33

[Go to Start Page](#)

### Career and Technical Education

#### Student Data by Program

Contact Name:  Contact Phone:  Contact Email:  [Update Contact](#)

[Unapprove District](#)

Approved on 6/2/2014 4:05:26 PM

[State Unapprove Student](#) State Approved on 7/9/2014 10:23:39 AM

Enter information for each student in each program by clicking on the number in the "Enrolled" column.

Choose school in dropdown and click "Select" to see counts of students for that school.  [Select](#)

CIP Title	CIP Code	Enrolled	Concentrator	Concentrator Evaluated for Technical Skill Proficiency	Technical Skill Proficient	Completer	Single Parent	Career Ed Student Organizations
Agricultural Business and Management, General.	0101010000	<a href="#">185</a>	<a href="#">48</a>	<a href="#">38</a>	<a href="#">36</a>	<a href="#">15</a>	<a href="#">0</a>	<a href="#">92</a>
Computer Systems Networking and Telecommunications.	1109010000	<a href="#">574</a>	<a href="#">54</a>	<a href="#">37</a>	<a href="#">35</a>	<a href="#">3</a>	<a href="#">0</a>	<a href="#">0</a>
Cooking and Related Culinary Arts, General.	1205000000	<a href="#">418</a>	<a href="#">2</a>	<a href="#">2</a>	<a href="#">2</a>	<a href="#">1</a>	<a href="#">0</a>	<a href="#">0</a>
ENGINEERING RELATED/PLTW	1515000000	<a href="#">240</a>	<a href="#">7</a>	<a href="#">2</a>	<a href="#">2</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
FAMILY AND CONSUMER SCIENCES	1901000000	<a href="#">294</a>	<a href="#">45</a>	<a href="#">39</a>	<a href="#">30</a>	<a href="#">4</a>	<a href="#">0</a>	<a href="#">0</a>
Criminal Justice/Police Science.	4301070000	<a href="#">493</a>	<a href="#">20</a>	<a href="#">15</a>	<a href="#">15</a>	<a href="#">6</a>	<a href="#">0</a>	<a href="#">0</a>
CONSTRUCTION TRADES	4699000000	<a href="#">157</a>	<a href="#">12</a>	<a href="#">9</a>	<a href="#">7</a>	<a href="#">6</a>	<a href="#">0</a>	<a href="#">5</a>
Autobody/Collision and Repair Technology/Technician.	4706030000	<a href="#">425</a>	<a href="#">5</a>	<a href="#">4</a>	<a href="#">4</a>	<a href="#">5</a>	<a href="#">0</a>	<a href="#">0</a>
Automobile/Automotive Mechanics Technology/Technician.	4706040000	<a href="#">489</a>	<a href="#">13</a>	<a href="#">12</a>	<a href="#">12</a>	<a href="#">4</a>	<a href="#">0</a>	<a href="#">0</a>
HEALTH SERVICES/ALLIED HEALTH/HEALTH SCIENCES, GENERAL	5100000000	<a href="#">275</a>	<a href="#">17</a>	<a href="#">8</a>	<a href="#">8</a>	<a href="#">0</a>	<a href="#">0</a>	<a href="#">0</a>
Business/Commerce, General.	5201010000	<a href="#">344</a>	<a href="#">61</a>	<a href="#">44</a>	<a href="#">40</a>	<a href="#">4</a>	<a href="#">0</a>	<a href="#">0</a>



# Plus CTE - Section 3 – Cont.

[Back](#)

## Student Information



Records 1 thru 25 of a total 61 [Top](#) [Next](#) Enter partial or complete last name  [Search](#)  
 Number of records to display per screen  Repeat headings every  rows [Go](#) [Export to Excel](#)

**Update the shaded columns and click the Update Button.**

**You must click UPDATE to save changes...The other buttons do NOT save changes!**

**Note: The 'Concentrator Evaluated for Technical Skill Proficiency' and 'Technical Skill Proficient' columns should be completed only if the student was assessed for technical skill proficiency during the current academic year.**

Last Name	First Name	Middle Name	Local Student Number	Units This Year	Total Units	Concentrator	Concentrator Evaluated for Technical Skill Proficiency	Technical Skill Proficient	Completer	Single Parent	Career Ed Student Organizations
				<input type="text" value="1"/>	<input type="text" value="2"/>	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>
				<input type="text" value="1"/>	<input type="text" value="2.5"/>	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>
				<input type="text" value="0"/>	<input type="text" value="1.5"/>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>
				<input type="text" value="0"/>	<input type="text" value="1.5"/>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>
				<input type="text" value="1"/>	<input type="text" value="2"/>	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>
				<input type="text" value="0"/>	<input type="text" value="1.5"/>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>
				<input type="text" value="1"/>	<input type="text" value="2"/>	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>
				<input type="text" value="0.5"/>	<input type="text" value="1.5"/>	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>
				<input type="text" value="0.5"/>	<input type="text" value="2"/>	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>
				<input type="text" value="0"/>	<input type="text" value="2.5"/>	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>
Units This Year	Total Units	Concentrator	Concentrator Evaluated for Technical Skill Proficiency	Technical Skill Proficient	Completer	Single Parent	Career Ed Student Organizations				
				<input type="text" value="0"/>	<input type="text" value="1.5"/>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>
				<input type="text" value="1"/>	<input type="text" value="2.5"/>	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>
				<input type="text" value="1"/>	<input type="text" value="2.5"/>	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>
				<input type="text" value="0.5"/>	<input type="text" value="2.5"/>	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="None"/>

# Plus CTE – Section 4 – Due at the end of July each year

- Completed by all districts for all State Approved Programs

	School	CIP and Codes	Record Status
<input type="button" value="Edit"/>	0000	Agricultural Business and Management, General. 0101010000 02 22 11 02 0	Updated
<input type="button" value="Edit"/>	0000	Automobile/Automotive Mechanics Technology/Technician. 4706040000 02 02 32 02 0	Updated
<input type="button" value="Edit"/>	0000	Business/Commerce, General. 5201010000 02 02 11 02 0	Updated
<input type="button" value="Edit"/>	0000	CONSTRUCTION TRADES 4699000000 02 22 32 02 0	Updated
<input type="button" value="Edit"/>	0000	FAMILY AND CONSUMER SCIENCES 1901000000 02 02 11 02 0	Updated



# 36 Plus CTE – Section 4 Cont.

You must click **UPDATE** to save changes ... the other buttons do **NOT** save changes.

Program Offered This Year- Yes

CATEGORY	TOTAL
Salaries Reimbursable	\$57,934.63
Travel (Instructors Only)	\$0.00
<b>TOTAL</b>	<b>\$57,934.63</b>
Prorate	\$2,532.66

This information last updated: 7/29/2014 12:28:34 PM.



# Plus CTE - Section 10 – Updating Programs – Due at end of school year

Approved on 5/27/2014 12:52:15 PM

Update the Local title and the whether or not the program will be operational next year.  
Enter any comments or list any new programs that will start next year in the comment box and press the update button.

Service Area	CIP Title	CIP Code	Local Title	Does the district intend to offer the program during the 2014.2015 school year?	If NO, provide rationale for discontinuation.
Agriculture	Agricultural Business and Management, General.	0101010000	AGRICULTURAL BUSINESS	<input type="radio"/> Yes <input type="radio"/> No	
Business	Business/Commerce, General.	5201010000	BUSINESS EDUCATION	<input type="radio"/> Yes <input type="radio"/> No	
Business	Computer Systems Networking and Telecommunications.	1109010000	COMPUTER SYSTEMS NETWORKING W	<input type="radio"/> Yes <input type="radio"/> No	
Family & Consumer Sciences	FAMILY AND CONSUMER SCIENCES	1901000000	CONSUMER AND HOMEMAKING	<input type="radio"/> Yes <input type="radio"/> No	
Family & Consumer Sciences	Cooking and Related Culinary Arts, General.	1205000000	CULINARY ARTS WITH DMACC	<input type="radio"/> Yes <input type="radio"/> No	
Health Occupations	HEALTH SERVICES/ALLIED HEALTH/HEALTH SCIENCES, GENERAL	5100000000	HEALTH OCCUPATIONS WITH DMACC	<input type="radio"/> Yes <input type="radio"/> No	
Industrial Technology	CONSTRUCTION TRADES	4699000000	CONSTRUCTION TRADES	<input type="radio"/> Yes <input type="radio"/> No	
Industrial Technology	Criminal Justice/Police Science.	4301070000	CRIMINAL JUSTICE WITH DMACC	<input type="radio"/> Yes <input type="radio"/> No	
Industrial Technology	ENGINEERING RELATED/PLTW	1515000000	ENGINEERING RELATED-PLTW	<input type="radio"/> Yes <input type="radio"/> No	
Industrial Technology	Autobody/Collision and Repair Technology/Technician.	4706030000	AUTOBODY AND REPAIR WITH DMACC	<input type="radio"/> Yes <input type="radio"/> No	
Industrial Technology	Automobile/Automotive Mechanics Technology/Technician.	4706040000	AUTOMOTIVE MECHANICS WITH DMACC	<input type="radio"/> Yes <input type="radio"/> No	

If the district wishes to add a new program(s), list the program(s) here



# Plus CTE – Section 1 – POS Update - Due at the start of the new school year

## Career and Technical Education Program

Program of Study

Program: 010100000 Agricultural Business and Management.

2014 Comment:

Update comment

District Approved on 8/29/2014 8:41:45 AM    State Reviewed on 9/16/2014 3:26:12 PM

1. Program is or will be designed as a Program of Study(POS)  Yes  No

If the answer to the question 1 is No, you do not need to fill out the rest of this form.  
If Yes, please indicate the status of the required components below.

2. Content standards and benchmarks are established	<input checked="" type="radio"/> Yes <input type="radio"/> No
3. Critical competencies are approved by the Advisory Committee/Council and Postsecondary Institutions	<input checked="" type="radio"/> Yes <input type="radio"/> No
4. Plan for sharing POS course sequence with stakeholders is in place	<input checked="" type="radio"/> Yes <input type="radio"/> No
5. Technical Skill Assessment has been approved by the Advisory Committee/Council and Postsecondary Institutions	<input checked="" type="radio"/> Yes <input type="radio"/> No
6. Plan for annual review and continuous improvement of the POS is in place	<input checked="" type="radio"/> Yes <input type="radio"/> No
7. POS course sequence with linkage to at least one postsecondary program has been established	<input checked="" type="radio"/> Yes <input type="radio"/> No
Linked College <input type="text" value="Iowa Lakes Community College"/>	Complete CC Program Name <input type="text" value="Ag Business Technology"/>
Linked College <input type="text" value="If POS course sequence = Yes, Please select ..."/>	Complete CC Program Name <input type="text"/>



# 39 Plus CTE – Section 1 – POS Update

District Approval on 8/29/2014 8:41:45 AM

[Unapprove](#)

[Go to Start Page](#)

	Service Area	Career Cluster	CIP Title	Program of Study (POS) Status	State Review
<a href="#">Edit</a>	Agriculture	01 Agriculture, Food and Natural Resources	Agricultural Business and Management. 0101000000 02 02 11 02 0	Completed-POS =Yes	9/16/2014 3:26:12 PM
<a href="#">Edit</a>	Industrial Technology	02 Architecture and Construction	Architectural Engineering Technology/Technician. 1501010000 02 02 11 02 0	Completed-POS =Yes	9/16/2014 3:26:28 PM
<a href="#">Edit</a>	Family & Consumer Sciences	05 Education and Training	FAMILY AND CONSUMER SCIENCES 1901000000 02 02 11 02 0	Completed-POS =Yes	8/29/2014 8:44:17 AM
<a href="#">Edit</a>	Business	06 Finance	Accounting Technology/Technician and Bookkeeping. 5203020000 02 02 11 02 0	Completed-POS =Yes	
<a href="#">Edit</a>	Health Occupations	08 Health Science	HEALTH SERVICES/ALLIED HEALTH/HEALTH SCIENCES, GENERAL 5100000000 02 02 32 02 0	Completed-POS =Yes but all components not in place	
<a href="#">Edit</a>	Industrial Technology	13 Manufacturing	Welding Technology/Welder. 4805080000 02 02 32 22 0	Completed-POS =Yes but all components not in place	8/29/2014 8:44:56 AM
<a href="#">Edit</a>	Industrial Technology	16 Transportation, Distribution and Logistics	Autobody/Collision and Repair Technology/Technician. 4706030000 02 02 32 22 0	Completed-Not part of POS	8/29/2014 8:45:00 AM
<a href="#">Edit</a>	Industrial Technology	16 Transportation, Distribution and Logistics	Automobile/Automotive Mechanics Technology/Technician. 4706040000 02 02 32 22 0	Completed-Not part of POS	9/2/2014 10:41:04 AM



# Enhancements to the Secondary CTE Reporting System



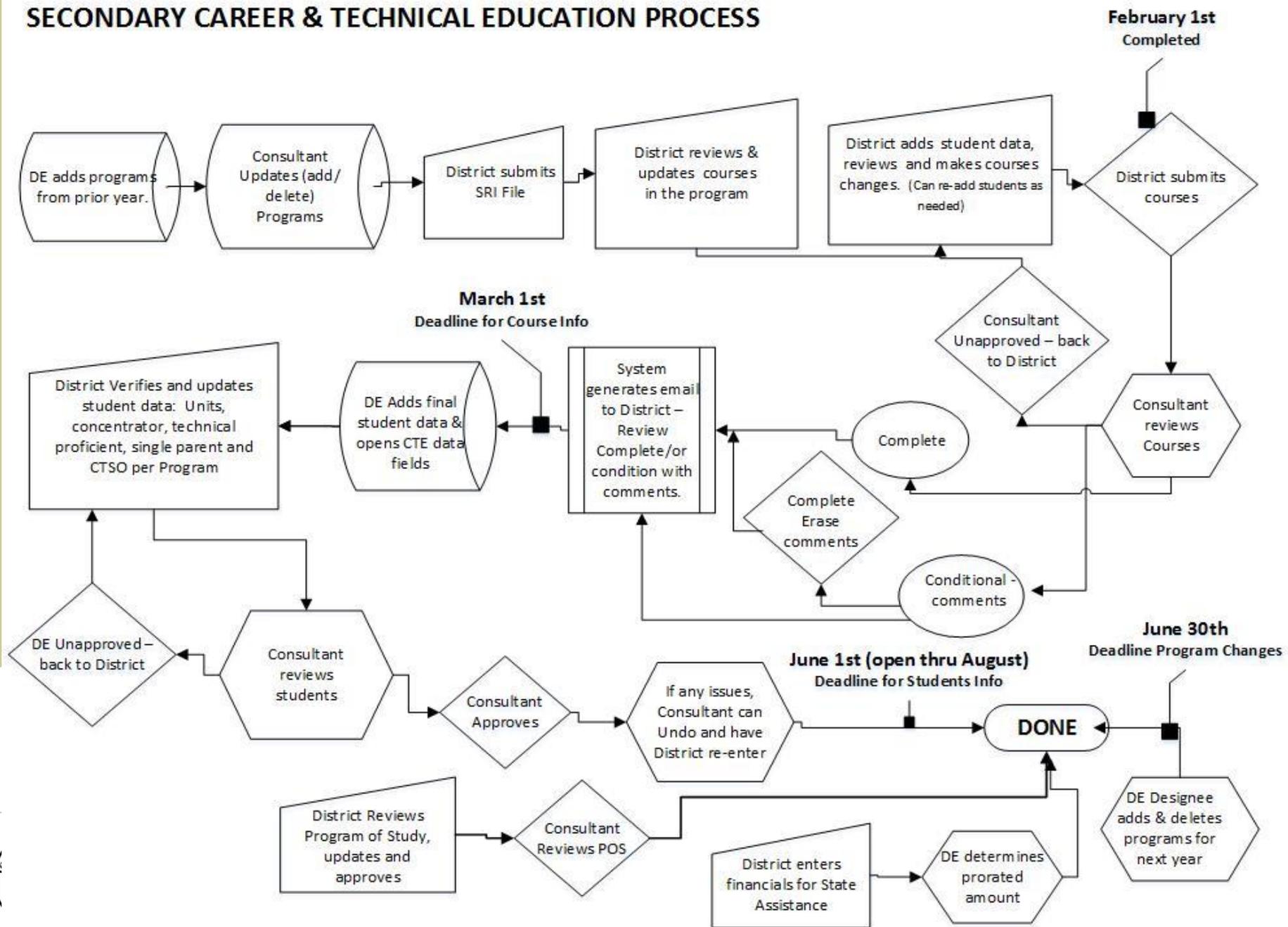
## Timeline

- **OCTOBER**                      **Pilot Testing**
- **DECEMBER**                    **Webinar Training**
- **JANUARY**                      **Implementation**

*Current system will remain open for reference to last years information.*



# SECONDARY CAREER & TECHNICAL EDUCATION PROCESS



New Opening Screen Shows all Programs and their status at a glance.

**IOWA**  
Department of Education

Leadership, Innovation and Service for IOWA.

Year: 2015 District: xxx Go

District: xxx Comm School District

Programs

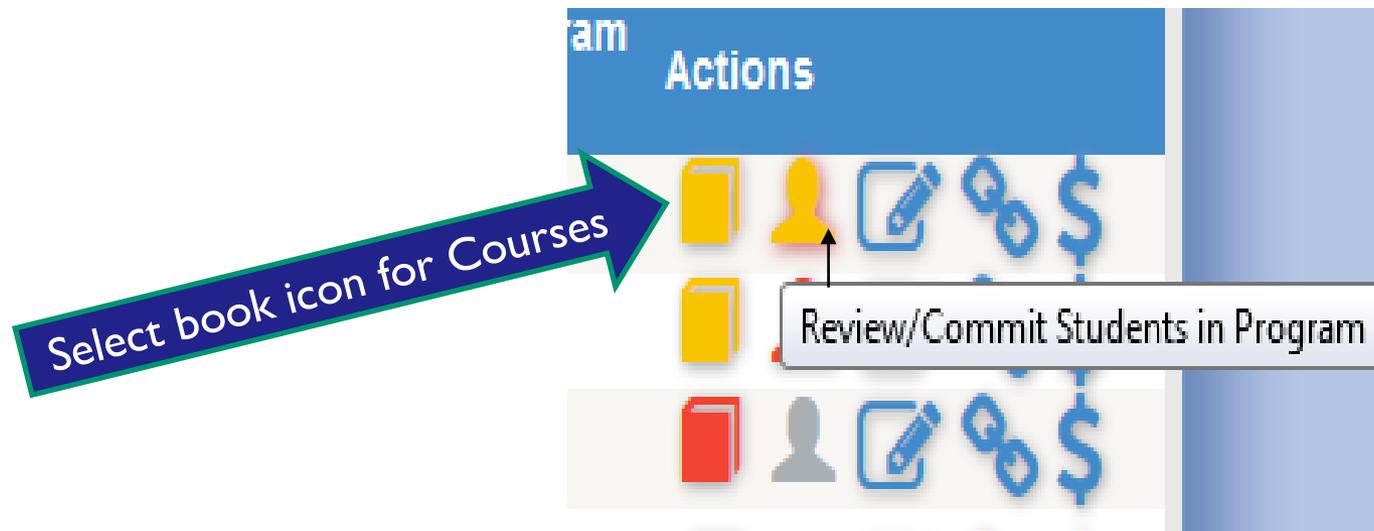
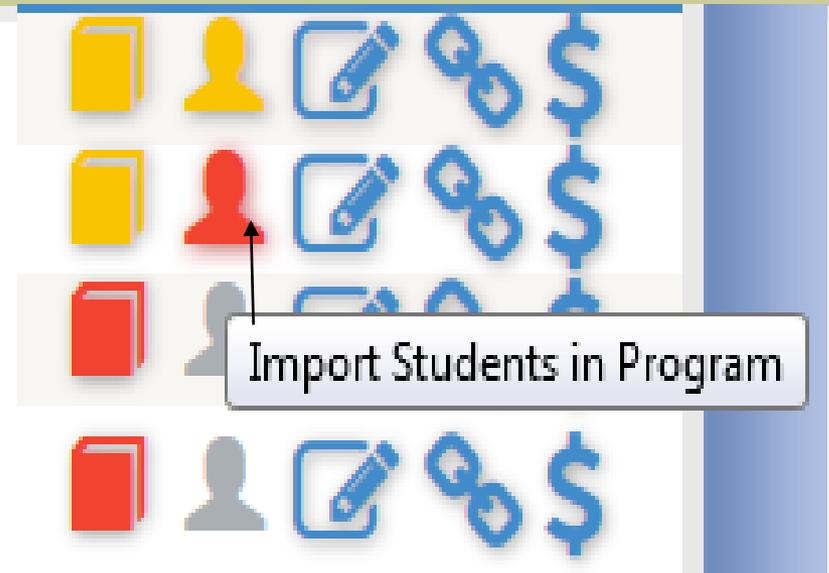
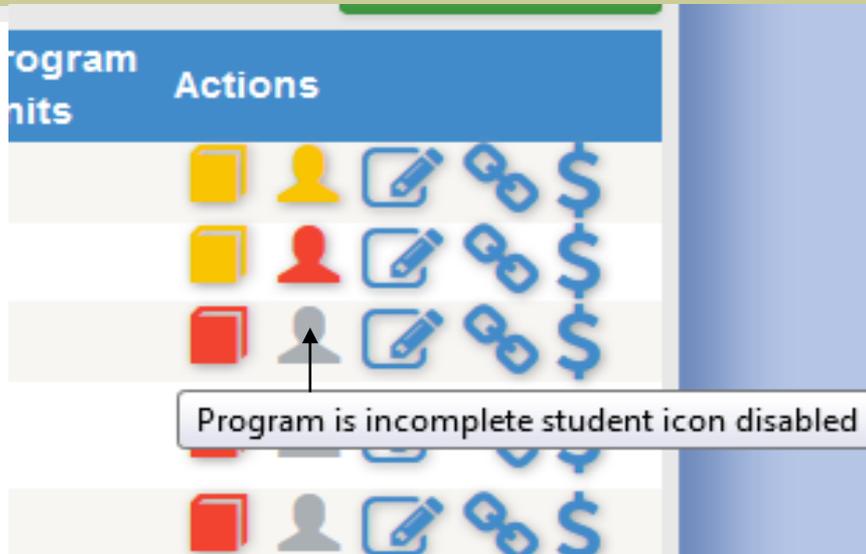
District Courses/Program Shared Courses Non-Operational Programs

+ Add Program

Chap 12	Service Area	Career Cluster	CIP Number	CIP Title	Program Units	Actions
<input type="checkbox"/>	Agriculture	Agriculture		Iron		
<input type="checkbox"/>	Business	Law, Public Administration		Legal		
<input type="checkbox"/>	Health Occupations	Education and Training	0000200	Kinesiology, Exercise Science.		
<input type="checkbox"/>	Health Occupations	Health				
<input type="checkbox"/>	Industrial Technology	Arts, A				

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400 E 14th St | Des Moines, IA 50319

Icons change **color** to show **status or next steps**  
Buttons include hover over written helpers





Year:  District:

District:  Comm School District

## Courses in a Program

Programs > Courses in a Program

[Download PDF](#)

CIP: 0111030200

Title: Horticultural Science

### Action

Offer & Teach	Local Course	Local Title	Units	Comments	Students Enrolled	Action
<input type="checkbox"/>	27B	ACCOUNTING I	0.50			<input type="button" value="X"/> <input type="button" value="edit"/> <input type="button" value="gear"/>
<input type="checkbox"/>	35A	GENERAL BUSINES	0.50			<input type="button" value="X"/> <input type="button" value="edit"/> <input type="button" value="gear"/>
<input type="checkbox"/>	62	NUTRITION	0.50			<input type="button" value="X"/> <input type="button" value="edit"/> <input type="button" value="gear"/>
<input type="checkbox"/>	7	VET SCIENCE	0.50			<input type="button" value="X"/> <input type="button" value="edit"/> <input type="button" value="gear"/>
<input type="checkbox"/>	28A	ACCOUNTING II	0.50	Group required units: 1.50	getEnroll	<input type="button" value="X"/> <input type="button" value="edit"/> <input type="button" value="gear"/>
<input type="checkbox"/>	28B	ACCOUNTING II	0.50	photograph	getEnroll	<input type="button" value="X"/> <input type="button" value="edit"/>
<input type="checkbox"/>	31	COMPUTR APPLCS	0.50		getEnroll	<input type="button" value="X"/> <input type="button" value="edit"/>
<input type="checkbox"/>	81A	CAD I	0.50		getEnroll	<input type="button" value="X"/> <input type="button" value="edit"/>

Add Optional Course

Click to Add New Course

Offer & Teach	Local Course	Local Title	Units	Comments	Students Enrolled	Action
<input type="checkbox"/>	1A	AGRIC. I	0.50		getEnroll	<input type="button" value="X"/> <input type="button" value="edit"/> <input type="button" value="gear"/>
<input type="checkbox"/>	30	ENTREPRENEURSH	0.50		getEnroll	<input type="button" value="X"/> <input type="button" value="edit"/> <input type="button" value="gear"/>
<input type="checkbox"/>	79	ELECTRICITY	0.50		getEnroll	<input type="button" value="X"/> <input type="button" value="edit"/> <input type="button" value="gear"/>
<input type="checkbox"/>	6	ANIMAL PRODUCT	0.50	Group required units: 1.00 bhjk	getEnroll	<input type="button" value="X"/> <input type="button" value="edit"/> <input type="button" value="gear"/>
<input type="checkbox"/>	7	VET SCIENCE	0.50		getEnroll	<input type="button" value="X"/> <input type="button" value="edit"/>
<input type="checkbox"/>	81A	CAD I	0.50		getEnroll	<input type="button" value="X"/> <input type="button" value="edit"/>
			2.50			<input type="button" value="+ Add Course"/>





Year:  District:

District:  : Comm School District

[Programs](#) > [Program Courses](#) > Add Course

Course:

District Course Number:

District Course Title:

Carnegie Units:

Comments:

[Programs](#) > [Program Courses](#) > Add Course

Course:

District Course Number:

District Course Title:

Carnegie Units:

Comments:



Year:  District:

District:  : Comm School District

## Add Sequence

[Programs](#) > [Program Courses](#) > Add Sequence

Course:	<input type="text" value="- Select -"/>
District Course Number:	<input type="text" value="- Select -"/>
District Course Title:	ACCOUNTING I - 27A
Carnegie Units:	ACCOUNTING I - 27B
Comments:	ACCOUNTING II - 28A
	ACCOUNTING II - 28B
	AdvConstructin - 88A
	AdvConstructin - 88B
	AGRIBUS. MGMT. - 4
	AGRIC. I - 1A
	AGRIC. I - 1B
	ANIMAL PRODUCT - 6
	ANIMATION I - 36
	<b>BUSINESS LAW - 29</b>
	CAD I - 81A
	CAD I - 81B
	CNA - 61
	CompBusApp - 254
	COMPUTR APPLCS - 31
	CONS&MANUF I - 85
	CONS&MANUF II - 86



### SRI Course Student Management - Import



81 students will be assigned to classes in this program, Proceed?

No

Yes

and Courses Non-Operational Programs

+ Add Program

Program Units Actions

Culture, Food and Natural Resources	0111020200	Agronomy and Crop Science.					
Public Safety and Security	2203010200	Legal Administrative Assistant/Secretary.					
Education and Training	3105050200	Kinesiology and Exercise Science.					
Health Science	5100000000	HEALTH SERVICES/ALLIED HEALTH/HEALTH SCIENCES, GENERAL					
AV Technology and Communications	5004020200	Commercial and Advertising Art.					

Education:  
319-0146 | Ph: 515-281-5294



Year:  District:

District:  Comm School District

## Programs



Chap 12	Service Area	Career Cluster	CIP Number	CIP Title	Program Units	Actions
<input type="checkbox"/>	Agriculture	Agriculture, Food and Natural Resources	0111020200	Agronomy and Crop Science.		
<input type="checkbox"/>	Business	Law, Public Safety and Security	2203010200	Legal Administrative Assistant/Secretary.		
<input type="checkbox"/>	Health Occupations	Education and Training	3105050200	Kinesiology and Exercise Science.		
<input type="checkbox"/>	Health Occupations	Health Science	5100000000	HEALTH SERVICES/ALLIED HEALTH/HEALTH SCIENCES, GENERAL		
<input type="checkbox"/>	Industrial Technology	Arts, AV Technology and Communications	5004020200	Commercial and Advertising Art.		





Year:  District:

District:  Comm School District

## District Programs/Courses



[Programs](#) > Disctrict Courses and Programs

[Download Excel](#)

Course Number	Local Course Name	CIP	Description
27A	ACCOUNTING I	2203010200	Business - Legal Administrative Assistant
88B	AdvConstructin	0111020200	Agriculture - Agronomy and Crop Science.
4	AGRIBUS. MGMT.	0111020200	Agriculture - Agronomy and Crop Science.
1B	AGRIC. I	0111020200	Agriculture - Agronomy and Crop Science.
6	ANIMAL PRODUCT	0111020200	Agriculture - Agronomy and Crop Science.
36	ANIMATION I	0111020200	Agriculture - Agronomy and Crop Science.
254	CompBusApp	0111020200	Agriculture - Agronomy and Crop Science.
254	CompBusApp	2203010200	Business - Legal Administrative Assistant
30	ENTREPRENEURSHP	2203010200	Business - Legal Administrative Assistant
35A	GENERAL BUSINES	2203010200	Business - Legal Administrative Assistant
35B	GENERAL BUSINES	2203010200	Business - Legal Administrative Assistant
44	Intro Business	2203010200	Business - Legal Administrative Assistant





Year: 2015 District:

District:  Comm School District

## Shared Courses

Programs > Shared Courses

Course Number	Course Name	CIP Code	Program Title	Default Program Enrollment
254	CompBusApp	0111020200	Agronomy and Crop Science.	<input type="radio"/>
254	CompBusApp	2203010200	Legal Administrative Assistant/Secretary.	<input checked="" type="radio"/>
				<input type="radio"/> Not Enrolled

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# Next Development Phase

Automated Perkins Reporting

Additional user supports & automation



**COMMUNITY COLLEGES**  
BUREAU OF ADULT, CAREER, AND COMMUNITY COLLEGE EDUCATION

# QUESTIONS?



# Other Topics



# Top Six Responses For Technical Assistance

Understanding the State Program of Study (POS) and the secondary/postsecondary partnerships requirements and responsibilities (10)	80.39
Understanding Perkins CTE performance and target negotiation process(6)	66.68
Providing technical assistance on “Required” and “Permissive” uses of Perkins funds and processing of claims (5)	66.67
Assist you understand Perkins State Plan and how the plan affects secondary and postsecondary CTE programs (3)	64.09
Providing you with information on Perkins continuation grant application process (4)	62.75
Providing knowledge on program improvement plan, voluntary improvement and other requirements (7)	62.74

# Possible Technical Assistance Topics

Leadership	Alignment	Collaboration	Accountability
Program operation (e.g., shared decision-making, fiscal accountability, inventories)	Alignment of CTE programs and labor market needs	Program operation with industry advisory committee participation	Equal access to rigorous, relevant, and results-driven CTE programs
Strategic planning	Incorporate 21st Century Skills and National Career Readiness Certificate (NCRC)	Partnership commitment through shared resources (SME's; tools, equipment, software; funding)	Using indicators of student performance, and gaps by disaggregated subgroups at the secondary and postsecondary levels
Shared consortium activities/resources	Alignment with industry standards, Common Career Technical Core (CCTC), and/or state standards	Partnerships/Linkages between secondary and postsecondary education and training	Measuring technical and employability skills
Develop/support participation in CTSOs	Develop/offer effective articulation agreements and concurrent course offerings	Partnerships/Linkages to extra-curricular CTE activities (e.g., RWDC, ACE, First Robotics, Cyber)	Attainment of a secondary school diploma, or a postsecondary degree or credential
Develop/implement CTE program marketing and promotional materials for students, teachers, counselors, and parents	Support professional development on academic integration and linking teachers with current industry knowledge and practices	Promote work-based learning through job shadowing and internship partnerships/linkages	Participation in and completion of vocational and technical education programs leading to employment in high-skill, high wage occupations





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**THANK YOU**

