

ORANGE COUNTY  
BOARD OF EDUCATION

AGENDA ITEM ABSTRACT

Meeting Date: June 9, 2014

AGENDA ITEM No. 14-06-11

ACTION ITEM: (Y/N) Y

SUBJECT: Career and Technical Education (CTE) Local Plan Approval 2014-2015

INFO. CONTACT: Patricia Harris PHONE: 919-732-8120

- ATTACHMENTS:
1. Local Plan Executive Summary
  2. CTE Local Plan Signature Page
  3. PowerPoint
  4. 2012-2013 CTE Performance Indicator Results
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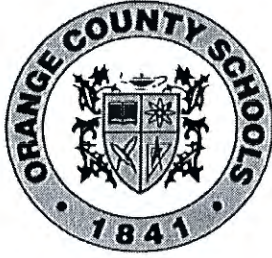
**PURPOSE:** To provide the Board of Education for review and approval the 2014-2015 CTE Local Plan.

**BACKGROUND:** The Carl Perkins IV federal legislation requires each school district to submit a local Career and Technical Education plan to the state. Each district's school board must annually provide approval before submission of the local plan to the North Carolina Department of Public Instruction. This plan must incorporate the requirements of all applicable state and federal laws which govern CTE in North Carolina.

A copy of the full plan can be viewed at <http://ctelps.dpi.state.nc.us>. Both the username and password are: guest.

**FINANCIAL IMPACT:** The 2014-2015 federal planning allotment for CTE is tentatively \$73,345.00.

**RECOMMENDATION(S):** The Superintendent recommends the Board of Education approve the 2014-2015 CTE Local Plan.



**Orange County Schools  
Application for Career and Technical Education  
State / Federal Funding  
Fiscal Year 2014-2015**

**Executive Summary**

The Local Planning System (LPS) is the vehicle for strategic planning, managing performance, and assuring accountability for Career and Technical Education (CTE). Part 1 of the LPS is a system overview and strategic planning tool. Part II is designed to attain and maintain performance excellence, as defined by the Carl D. Perkins Career and Technical Education Act of 2006. LEAs can analyze measurable performance based on trend information; analyze system and subsystem performance based on relevant subcategories crucial to stakeholders and customers; set rational short and long-term benchmarks; develop strategies based on the greatest opportunities for improvement (GOFIs); and allocate resources based on the greatest GOFIs. Finally, the LPS incorporates the requirements of all applicable state and federal laws which govern CTE in North Carolina. This application must be submitted to the Department of Public Instruction in order to receive and use state and federal funds for career and technical education programs and services in grades 6 – 12 for the 2014-2015 fiscal year. The application describes the manner in which we propose to use these funds in accord with the purposes mandated by state and federal legislation.

Career and Technical Education is conducted in all middle and high schools in Orange County Schools. Supporting our strong academic foundation is a diverse career and technical curriculum in which students are provided opportunities to make classroom instruction relevant to real world situations. Orange County Schools' CTE courses provide students with a variety of options to fulfill the requirements for Future-Ready, Occupational Course of Study, and the North Carolina Academic Scholars. Student credentialing and certification opportunities are available in selected program areas. Career and Technical Education student organizations are an integral part of CTE programs. The ultimate goal of CTE is for our graduates to become successful in a career and contributing members in society.

Orange County Schools CTE serves middle school students in the areas of business, engineering, biotechnology and family and consumer science. For the 2014-2015 school year, Orange High School will introduce a course called College Level Accounting which will give the students honors credit and an opportunity to prepare for an accounting career.

At the high school level CTE offers the following opportunities:

- Agriculture
- Business/Entrepreneurship
- Career Development
- Family and Consumer Science
- Engineering (OHS)
- Health Sciences (CRHS)
- Marketing
- Trade and Industrial

Expanded course offerings are available through the Career and College Promise collaboration with our local Community Colleges: Durham Tech and Alamance Community College. A local articulation agreement exists between Durham Technical Community College and Orange County Schools that allows high school CTE courses which are not on the State Articulation Agreement to qualify for college credit.

In the 2014-2015 school year, the focus of CTE will be:

- 1) Improve our marketing of Orange County Schools CTE.
- 2) Increase our number of students participating in the Career and College Promise courses with local community colleges.
- 3) Expand our credentialing program opportunities within our CTE courses.
- 4) Increase the number of honor courses for high school CTE programs.
- 5) Update equipment in computer labs plus virtualize our software.
- 6) Improve our technical attainment scores (post-assessments) specifically in the greatest opportunity for improvement areas.

Upon approval from the Orange County Schools Board of Education and the North Carolina Department of Public Instruction, the Career and Technical Education staff will implement the strategies developed to meet the requirements of federal and state legislation. In summary, the local plan will provide a basis for annual assessment, planning and performance management.

The plan in its entirety can be found at:

<http://ctelps.dpi.state.nc.us/>

login: guest

password: guest

**2014-2015 LOCAL PLAN  
APPLICATION FOR CAREER AND TECHNICAL EDUCATION (CTE)\*  
STATE/FEDERAL FUNDING**

**FISCAL YEAR 2014-2015  
FINAL SUBMISSION FOR OVERALL APPROVAL**

All programs, services and activities administered through this local plan will be in accord with the assurances listed in Part III of this application. The development of this application for state/federal aid for secondary career and technical education was coordinated by the director for career and technical education. This plan and the programs, services and activities offered are in accord with State and Federal guidelines. The information, data, and certifications included are accurate to the best of our knowledge and belief. The Assurances in Part III will be carried out.

Orange County Schools                      680                      June 9, 2014  
Local Education Agency (LEA)      Number                      Date

**APPROVED BY:**  
**Superintendent of Schools**

**Board of Education**

Dr. Del Burns  
Name

Donna Coffey  
Name of Chairperson

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

This Annual Application, when completed, approved by the local board of education and the superintendent of schools, becomes an agreement between the local board of education and the State Board of Education. This Annual Application is a necessary part of the State Board of Education's accountability to the General Assembly of North Carolina and the US Department of Education.

**PREPARED BY:**  
**Director, Career and Technical Education**

Patricia Harris  
Name

919-245-4003  
Telephone Number

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Signature

\*Career and Technical Education is the administrative name which encompasses vocational and technical education in North Carolina. In state and federal laws, however, the terms vocational and technical education are used. For the purposes of this plan, these terms are synonymous.



# **Orange County Schools Career & Technical Education**

**June 9, 2014**



# **CTE Enrollment**

**2012 – 2013**

Grade 6 – 8: 1814 students

Grade 9 – 12: 2611 students



# Performance Indicators

Academic Attainment – Rdg/Language Arts

% of CTE concentrators who graduated in the reporting year

Academic Attainment – Mathematics

% of CTE concentrators who graduated in the reporting year

Technical Attainment (CTE Post Assessments)

% proficiency on post assessments for CTE participants

Secondary School Completion

% CTE concentrators graduating in the reporting year

Student Graduation Rate

% CTE concentrators graduating with cohort in reporting yr



# Performance Indicators Continued

## Secondary Placement

% CTE concentrators who graduated in the reporting yr who will be in postsecondary education, advanced training, military service, or in employment

## Nontraditional Participation

% participants in CTE course who represent nontraditional gender

## Nontraditional Completion

% CTE students who complete program that leads to employment in non traditional fields





# CTE Performance Indicators 2012-13

	State Average	Orange County Schools
Academic Attainment-Reading	65.1	73.6
Academic Attainment-Math	81.5	87.4
Technical Attainment	82.6	82.7
Secondary Completion	96.5	95.3
Graduation Rate	93.7	89.5
Secondary Placement	90.0	95.1
Nontraditional Participation	31.8	31.0
Nontraditional Completion	24.6	24.5

# WorkKeys Data

- Seniors who are CTE Concentrators are tested in February of each year.

2011 – 2012

34 % met proficiency and graduated

2012 – 2013

63.8 % met proficiency and graduated



# Focus for 2014–2015

- Improve our marketing of Orange County Schools CTE.  
Increase our number of students participating in the Career and College Promise courses with local community colleges.
- Expand our credentialing program opportunities within our CTE courses.
- Increase the number of honor courses for high school CTE programs.  
Update equipment in computer labs plus virtualize our software.  
Improve our technical attainment scores (post-assessments) specifically in the greatest opportunity for improvement areas.





## 2012-2013 CTE Performance Indicator Results

1S1 Academic Attainment: Reading/Language Arts

4S1 Student Graduation Rates

1S2 Academic Attainment: Mathematics

5S1 Secondary Placement

2S1 Technical Attainment

6S1 Nontraditional Participation

3S1 Secondary School Completion

6S2 Nontraditional Completion

Affinity Group	Performance Indicator	1S1	1S2	2S1	3S1	4S1	5S1	6S1	6S2
	12-13 State Goal	58.0%	78.2%	80.2%	91.0%	87.0%	93.0%	30.5%	21.5%
	90% of State Goal	52.2	70.38	72.18	81.9	78.3	83.7	27.45	19.35
	12-13 Central Region Results	64.9%	80.4%	82.9%	96.4%	93.2%	92.3%	29.8%	24.1%
	12-13 State Results	65.1%	81.5%	82.6%	96.5%	93.7%	90.0%	31.8%	24.6%
	<b>Central LEA Results</b>								
2	Alamance	66.7%	83.4%	81.3%	92.3%	89.2%	93.9%	31.8%	25.1%
5	Asheboro City	66.4%	75.7%	84.1%	97.2%	97.6%	87.5%	22.6%	16.2%
7	Caswell County	72.5%	80.2%	76.6%	95.1%	93.3%	91.6%	35.4%	37.1%
3	Chapel Hill-Carborro	62.0%	75.0%	74.5%	100.0%	91.1%	96.3%	25.7%	14.3%
4	Chatham County	65.3%	96.3%	89.8%	98.2%	96.7%	95.4%	35.4%	17.3%
1	Durham	52.8%	68.8%	66.1%	94.9%	93.5%	95.2%	37.0%	26.4%
4	Franklin County	64.1%	84.7%	66.8%	89.3%	91.8%	89.9%	23.2%	14.7%
4	Granville County	59.2%	81.9%	73.6%	92.7%	89.6%	92.6%	31.7%	24.0%
1	Guilford County	61.0%	71.8%	79.1%	97.5%	95.1%	91.5%	24.0%	18.9%
1	Johnston	67.0%	89.9%	86.6%	99.0%	92.9%	91.7%	34.5%	32.8%
2	Nash-Rocky Mount	56.6%	79.1%	83.6%	96.2%	94.4%	90.2%	29.1%	25.1%
4	Orange County	73.6%	87.4%	82.7%	95.3%	89.5%	95.1%	31.0%	24.5%
5	Person County	63.9%	79.5%	83.4%	95.3%	94.5%	88.5%	27.2%	35.0%
2	Randolph County	64.4%	84.2%	85.6%	97.4%	95.2%	87.0%	27.3%	19.2%
3	Rockingham County	58.0%	84.7%	82.6%	95.5%	92.5%	86.2%	28.4%	21.9%
5	Vance County	65.9%	81.4%	73.8%	96.2%	89.7%	85.1%	31.2%	24.6%
1	Wake County	74.5%	86.2%	89.9%	98.6%	93.4%	96.1%	29.6%	25.3%
7	Warren County	62.7%	80.2%	65.4%	97.2%	94.0%	100.0%	29.3%	17.4%
3	Wilson	55.3%	78.7%	81.4%	95.5%	94.6%	90.5%	29.5%	21.1%

met or exceeded state goal (MET)  
 met at least 90% of target but did not meet state goal (MET)  
 did not meet or exceed 90% of state goal (NOT MET)