

Career and Technical Education
Carl D. Perkins Career and Technical Education Act of 2006 (2008-2013)
North Carolina Department of Public Instruction

Overview Career and Technical Education (CTE) prepares North Carolina students to graduate from high school, globally competitive for work and postsecondary education and prepared for life in the 21st century. Efforts focus on rigorous academics related to career goals with technical skills to prepare for high-wage, high-skill, high-demand current and emerging occupations. The program includes strong linkages from secondary to postsecondary for seamless education and development of strong connections to business and industry.

Purpose of Perkins IV The purpose of the Act is to develop more fully the academic and career and technical skills of secondary and postsecondary education students who elect to enroll in CTE programs by:

- Developing challenging academic and technical standards to assist students in preparation for high-wage, high-skill or high-demand occupations;
- Promoting the integration of academic and CTE instruction and linking secondary and postsecondary education;
- Increasing state and local flexibility to develop, implement and improve Career and Technical Education, including Tech Prep education;
- Disseminating information on best practices that improve CTE programs, services and activities;
- Providing technical assistance that promotes professional development to improve the quality of CTE teachers, faculty, administration and counselors;
- Supporting partnerships among secondary, postsecondary and baccalaureate programs, business and industry, and others;
- Providing lifelong learning to keep the United States globally competitive.

Funding North Carolina receives the following Federal Perkins IV funds to operate the Career and Technical Education Program:

Title I – Career and Technical Education	\$35,217,062
Title II – Tech Prep Education	<u>2,995,591</u>
Total Perkins IV Funding	\$38,212,653

**Funding
(Continued)**

Categories of Perkins IV	Total Income	\$ per Category	Secondary 2/3	Postsecondary 1/3
Title I Career and Tech Ed	\$35.2 million		\$23.4 million	\$11.8 million
Eligible Recipients 85%		\$30.0 million	\$20.0 million	\$10.0 million
Administration 5%		\$ 1.7 million	\$ 1.1 million	\$.6 million
Leadership 10%		\$ 3.5 million	\$ 2.3 million	\$ 1.2 million
Title II Tech Prep Education	\$ 3.0 million		\$ 2.0 million	\$ 1.0 million
Eligible Recipients 91%		\$ 2.7 million	\$ 1.8 million	\$.9 million
Administration 9%		\$.3 million	\$.2 million	\$.1 million

**Allowable
Expenditures**

The Perkins IV law defines the expenditure of funds as follows:

Allowable Expenditures

I. Administration

Compliance with Federal laws
Evaluation of programs
Monitoring program effectiveness
Review local plans
State plan
Support and development data systems for Act
Technical Assistance

II. State Leadership

Required Uses

Assessment of programs
Use of technology
Professional development
Academic integration with CTE
Non-traditional preparation
Partnerships for programs
Serve students in corrections
Special populations
Technical assistance

Permissible Uses

Career guidance and academic counseling for careers
Articulation with community college and college/university
Dual enrollment
Career and Technical Student Organizations
All aspects of industry (ex: health, safety, environment)
Family and Consumer Sciences Education
Partnership development
Career Clusters and Career Academics
Entrepreneurship education
Dropout prevention
Developing valid and reliable assessments of technical skills
Data systems on academic and employment outcomes
Recruitment and retention of teachers
Occupational and employment information

III. Tech Prep

Secondary and postsecondary consortia grants

**The 1995
Expansion
Budget (HB
230, Section
15.11)**

The 1995 Expansion Budget, Agriculture Education Program Funds, provided \$585,000 annually, beginning with the 1995-96 fiscal year, to the College of Agriculture and Life Sciences at North Carolina State University for personnel positions and related office and travel expenses to provide leadership, coordination and structure for Agricultural Education. The bill identified five positions to include a state FFA Director/Advisor.

**Memorandum
of Agreement**

This agreement was developed and signed in November 1998 by the Department of Public Instruction Career and Technical Education Division and the North Carolina State University Department of Agricultural and Extension Education. The agreement outlined a shared vision, communication and effective practices. Agricultural Education at North Carolina State University agreed to develop curriculum, provide professional development, administer FFA, and maintain a presence within the NCDPI Division to assure they meet State Board of Education policies and procedures.

**Perkins IV
Resources
Spent for All
CTE Program
Areas**

There are eight Career and Technical Education program areas, including Agricultural Education, within the public schools in North Carolina that benefit from the following services funded with Federal Perkins IV resources. These services are provided to schools and paid for within the budget of the State Plan without regard to program area.

1. Designing Career Development services
 2. Identifying and providing service to special populations
 3. Providing staff development related to meet federal requirements
 4. Implementing Tech Prep grant program
 5. Professional development in curriculum design
 6. Monitoring and compliance in the local and state plan
 7. Monitoring civil rights
 8. Promoting non-traditional careers
 9. Delivering Project Lead The Way Programs in Technology, Health Sciences and Agriculture
 10. Carrying out the Southern Region Education Board/High Schools That Work (SREB/HSTW) program
 11. Implementing the 16 Career Cluster initiative
 12. Developing, delivering, collecting, analyzing and reporting all course assessments
 13. Collecting and reporting data through the Instructional Management System and Vocational Education Information System (VEIS)
 14. Collaborating with teacher educator programs
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Numbers Data

Enrollment and Teachers by Program Area

CTE Program Area	Enrollment 07-08	Number of Teachers	Number of Consultants	Ratio Teacher to Consultant	Career and Technical Student Org	State Advisor Funding
Agriculture	48,542	444	4	111:1	FFA	1 full time legislated
Business and IT	344,428	2702	3	901:1	FBLA	½ time contracted
Family and Consumer Sciences	153,857	1437	3	479:1	FCCLA	½ time contracted
Health Occupations	41,684	514	3	171:1	HOSA	½ time contracted
Marketing	44,387	541	2	271:1	DECA	½ time contracted
Technology	72,472	567	2	284:1	TSA	½ time contracted
Trade and Industrial	87,877	1332	3	444:1	SkillsUSA	½ time contracted
Career Development	85,578	1223*	1	1223:1	N/A	N/A

*Large number of teachers reflects that Career Development is taught by many CTE teachers who may teach only one section in addition to their regular program area.

Summary of Funding

Agricultural Education students in North Carolina represent six percent of the total number of CTE students (878,825) and six percent of the teachers in all schools. The General Assembly provides additional funds to Agricultural Education each year for this six percent of students. These additional funds are not received by any other CTE program area. The additional annual funds to Agricultural Education include:

- a. \$585,000 (HB 230, Sec 15.11) to support four consultants plus one full time FFA consultant to lead the Agricultural Education programs in the state. This additional funding results in more state consultants per teacher and per student than any other CTE program area. (See previous chart for ratios.)
- b. Two additional months of employment for each Agricultural Education teacher in the state (115C-302.1) totaling \$4,816,512 annually.
- c. Additional resources to Agricultural Education from these two sources total \$5,401,512 annually.

Conclusions

The \$5,401,512 annual state funds noted above supplement the expenditures made on behalf of Agricultural Education by North Carolina Department of Public Instruction that provide administrative and leadership services required by federal law, as agreed to in the State Plan. The federal government holds the Department of Public Instruction legally responsible for administering the State Plan in North Carolina for all CTE program areas.

Perkins funds for North Carolina CTE operations, which provide services for 100% of students in all program areas, including Agricultural Education, total approximately \$5,500,000 annually.

Agricultural Education, which serves six percent of the CTE students in the state, receives \$5,400,000 from the North Carolina General Assembly.