

2016 - 17

PERKINS HANDBOOK



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2016 – 17 Perkins Handbook

Introduction

This manual explains the policies, guidance, and procedures for the implementation of Carl D. Perkins Career and Technical Education Act of 2006 (Perkins IV or the Act). This manual is written for colleges within the North Carolina Community College System (NCCCS) who receive Perkins funding.

Additional resources for compiling this guide came from the Education Department General Administrative Regulations (EDGAR) 2nd Edition, Code of Federal Regulations Unified Grant Guidance 2 CFR §200, and The 2007 – 2016 North Carolina State Career and Technical Education plan.

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Following is a list of community colleges and the CTE Program Coordinator assigned to each. The CTE Program Coordinator is that institution's point of contact for questions and assistance with their Perkins Basic Grant.

East Region – Dr. Julia Hamilton, CTE Program Coordinator

Beaufort Community College
Bladen Community College
Brunswick Community College
Cape Fear Community College
Carteret Community College
Richmond Community College

Coastal Carolina Community College Roanoke-Chowan Community College

College of The Albemarle
Craven Community College
Durham Technical Community College
Edgecombe Community College
Fayetteville Technical Community College

Robeson Community College
Sampson Community College
Sandhills Community College
Southeastern Community College
Vance-Granville Community College

ayetteville Technical Community College Vance-Granville Community College Vance-Granville Community College Vance-Granville Community College

Halifax Community College Wake Technical Community
James Sprunt Community College Wayne Community College
Johnston Community College
Lenoir Community College

West Region – Dr. Tony Reggi, CTE Program Coordinator

Alamance Community College Mayland Community College

Asheville-Buncombe Technical Community McDowell Technical Community College

College Mitchell Community College

Blue Ridge Community College
Caldwell Community College
Catawba Valley Community College
Central Carolina Community College
Central Piedmont Community College

Cleveland Community College

Davidson Community College

South Piedmont Community College

Southwestern Community College

Forsyth Technical Community College Stanly Community College

Gaston College Surry Community College
Guilford Technical Community College Tri-County Community College

Haywood Community College Western Piedmont Community College

Isothermal Community College Wilkes Community College

Programmatic Aspects of the Perkins Grant

Framework of the Federal Statute and Purpose

The purpose of the Perkins Act is to improve and develop the academic and career and technical skills of NCCCS students who elect to enroll in career and technical education programs, by:

- Building on the efforts of states and localities to develop challenging academic and technical standards and to assist students in meeting such standards, including preparation for high-skill, high-wage, or high-demand occupations in current or emerging professions
- Promoting the development of services and activities that integrate rigorous and challenging academic and career and technical instruction, and that link secondary education and NCCCS education for participating career and technical education students
- Increasing state and local flexibility in providing services and activities designed to develop,
 implement, and improve career and technical education, including tech prep education
- Conducting and disseminating national research and disseminating information on best practices that improve career and technical education programs, services, and activities
- Providing technical assistance that:
 - a) promotes leadership, initial preparation, and professional development at the state and local levels; and
 - b) improves the quality of career and technical education teachers, faculty, administrators, and counselors
- Supporting partnerships among secondary schools, NCCCS institutions, baccalaureate degree
 granting institutions, area career and technical education schools, local workforce investment
 boards, business and industry, and intermediaries
- Providing individuals with opportunities throughout their lifetimes to develop, in conjunction
 with other education and training programs, the knowledge and skills needed to keep the
 United States competitive in the global economy

Training Tutorials

Online training tutorial for the various Perkins and CTE program components are available at http://www.ncperkins.org.

Required Training

Perkins 101 – This session prepares new Perkins coordinators and refreshes existing staff to administer the Perkins Basic Grant. All new Perkins contacts are required to attend the Perkins 101 training. Perkins 101 is offered in the fall and spring of each year.

Optional Resources

All presentations and webinars related to Perkins and North Carolina Career and Technical Education can be found online at www.ncperkins.org/presentations.

Master Calendar for Perkins

The master Calendar identifies important dates and deadlines for the Perkins Basic Grant annual cycle. Extensions of reporting deadlines may be made with the approval of the institution's CTE Coordinator.

These are the dates and activities for the 2016 – 2017 academic year.

Date	Activity		
July 26, 2016	Perkins 101 – Overview of the Perkins Act		
	Webinar Recording		
August 2, 2016	Perkins 101 – Managing the Local Grant		
	Webinar Recording		
August 8, 2016	Perkins 101 – Performance Indicators & Other Resources		
	Webinar Recording		
September 13, 2016	2016-17 Kick-off Meeting – Raleigh, NC		
	Gregory Poole Conference Room		
September 28, 2016	Eastern Region Career and College Promise Leadership Summit – Pitt CC		
9:00am – 3:00pm	https://www.eventbrite.com/e/eastern-region-career-and-college-		
	promise-leadership-summit-tickets-27202760188?aff=eivtefrnd		
September 29, 2016	Western Region Career and College Promise Leadership Summit – Catawba		
9:00am – 3:00pm	CC		
	https://www.eventbrite.com/e/western-region-career-and-college-		
	promise-leadership-summit-tickets-27215291670		
September 30, 2016	Initial Budget Allocation Due in Moodle		
October 3 – 7, 2016	NC Advanced Manufacturing Careers Awareness Week		
	http://www.ncperkins.org/course/view.php?id=11		
October 4 & 5, 2016	Apprenticeship Conference – Greensboro, NC		
	https://www.nccommerce.com/workforce/businesses/apprenticeship/nc-		
	apprenticeship-conference		
October 5 – 7, 2016	NCWorks Partnership Conference – Greensboro, NC		
	https://www.nccommerce.com/wf/workforce-professionals/ncworks-		
	training-center/workforce-conference		
October 5 – 7, 2016	National Career Pathways Network (NCPN) Conference – Indianapolis, IN		
	http://www.ncpn.info/2016-ncpn-conf.php		
October 9 – 11, 2016	NCCCS Conference – Raleigh, NC		
	https://www.ncsu.edu/mckimmon/cpe/opd/NCCCS/		
October 18, 2016	October Update Webinar		
November 15, 2016	November Update Webinar		
November 16, 2016	Required EDGAR Training		
November 30 –	Association of Career & Technical Education (ACTE) Conference – Las		
December 3, 2016	Vegas, NV		
	https://www.careertechvision.com/index.cfm		
December 31, 2016	2 nd Quarter Budget Report Due		
January 24, 2017	January Update Webinar		
February 14, 2017	February Update Webinar		
March 21, 2017	March Update Webinar		
March 15 – 17, 2017	NC Employment & Training Association (NCETA) Conference		
March 31, 2017	3 rd Quarter Budget Report Due		

4 . 3 5 2047	Western Britan I Britan Admitter		
April 5, 2017	Western Regional Perkins Meeting		
April 6, 2017	Eastern Regional Perkins Meeting		
TBD	Grant Evaluations		
April 27 & 28, 2017	2017 – 18 Perkins Planning Meeting		
April 26 -28, 2017	SkillsUSA State Conference		
May 8 – 11, 2017	National Association for Career & Technical Education Information		
	(NACTEI) – Little Rock, AR		
May 15, 2017	Last day to submit budget modifications		
June 15, 2017	2017-18 Local Plan and Budget Due		
June 19 – 23, 2017	SkillsUSA National Leadership and Skills Conference – Louisville, KY		
	http://www.skillsusa.org/events/national-leadership-skills-conference/		

Allocation of Federal Funds

Community colleges and consortia of community colleges offering CTE programs are eligible for Perkins funds provided that the funding to be allocated through the formula funding process is not less than \$50,000. Allocations to individual colleges are based on the percentage of postsecondary students receiving Pell Grants and Bureau of Indian Affairs (BIA) assistance. The formula, as dictated by the Act, is as follows:

Number of Pell and BIA				
students at the college	_	Percentage of Pell and BIA	V	Total funds available
Number of Pell and BIA	_	students at the college	^	for distribution
students statewide				

Each spring, a **Pell Grant Verification Form** is sent to the Perkins contact at each college (local Financial Aid staff usually assists in collecting this information.) The form will contain the number of CTE students receiving Pell Grants. Colleges will be responsible for reporting the number of CTE students receiving BIA assistance. This information is then used to determine funding levels for the individual colleges/consortium numbers.

Consortia

Community colleges not meeting the minimum of \$50,000 through the above formula are not eligible to receive a direct allotment. They may, however, form a consortium with one or more community colleges. In a consortium, one college is designated as the fiscal agent and the consortium receives the total amount each college would have received individually. **Colleges should plan their budget together based on the needs of the consortium.**

A consortium leadership team shall be formed to oversee the spending level of funds for the consortium. Funds shall be used for projects that provide services and consortium activities. Funds allocated to a consortium shall be used only for purposes and programs that are mutually beneficial to all members of the consortium. Funds should not be divided and sent to individual colleges as a pass-through *(Perkins Act Section 132)*. All purchases must be for the benefit of the consortium and approved by the consortium leadership team

If equipment is purchased by the consortium, the college receiving the equipment must tag, track, and report on that piece of equipment in accordance with 2 CRF Part 200.313. All policies and procedures outlined in the Carl D. Perkins Career and Technical Education Improvement Act of 2006 shall apply to the consortium.

State Level Use of Funds

Administration

Up to five percent of the state funds are set aside for the administration of the state plan. Administrative funds are used within the NCCCS:

- Developing the state plan
- Reviewing local plans
- Oversight for monitoring and evaluating program effectiveness
- Assuring compliance with all federal laws
- Providing technical assistance
- Reporting required data
- Supporting and developing state data systems relevant to the provisions in the Act

Leadership

Required Uses of State Leadership Funds

Ten percent of the state funds are set aside for state leadership projects. There are specific mandatory leadership activities for which leadership funds under the Perkins Act must be used. These activities include:

- 1. Assessment of the career and technical education programs
- 2. Developing, improving, or expanding the use of technology in career and technical education
- 3. Conducting professional development programs
- 4. Supporting career and technical education programs that improve the academic and career and technical skills of students participating in career and technical education
- 5. Providing preparation for nontraditional fields in current and emerging professions
- Supporting partnerships among local educational agencies, institutions of higher education, adult education providers, and, as appropriate, other entities, such as employers, labor organizations, intermediaries, parents, and local partnerships
- 7. Serving individuals in state institutions, such as state correctional institutions and institutions that serve individuals with disabilities
- 8. Support for programs for special populations
- 9. Technical assistance for eligible recipients.

Permissible Uses of State Leadership Funds

In addition to the required uses of state funds, there are also a number of permissive uses. NCCCS may spend leadership funds on the following activities:

- Improve career guidance and academic counseling and programs that will encourage NCCCS students to graduate with a certificate, diploma, or degree, and expose students to high-skill, high-wage occupations and nontraditional fields
- 2. Establish articulation agreements between secondary schools and NCCCS colleges.
- 3. Support for initiatives to facilitate the transition of subbaccalaureate career and technical education students into baccalaureate degree programs
- 4. Support for career and technical student organizations, especially with respect to efforts to increase the participation of students who are members of special populations
- 5. Support for public charter schools operating career and technical education programs;
- Support for career and technical education programs that offer experience in, and understanding of, all aspects of an industry for which students are preparing to enter;
- 7. Support for family and consumer sciences programs
- 8. Support for partnerships between education and business or business intermediaries, including cooperative education and adjunct faculty arrangements
- 9. Support to improve or develop new career and technical education courses and initiatives, including career clusters, career academies, and distance education, that prepare individuals academically and technically for high-skill, high-wage, or high-demand occupations
- 10. Awarding incentive grants to eligible recipients
- 11. Support entrepreneurship education and training;
- 12. Coordinate secondary CTE programs for adults and school dropouts under the Adult Education and Family Literacy Act;
- 13. Provide assistance to individuals, who have participated in services and activities under the Act, in continuing the individuals' education or training or finding appropriate jobs
- 14. Develop valid and reliable assessments of technical skills;
- 15. Develop and enhance data systems to collect and analyze data on secondary and postsecondary academic and employment outcomes
- 16. Improve recruitment and retention of CTE teachers, faculty, administrators, career advisors, academic counselors, and business professionals transitioning to teaching
- 17. Support CTE programs that offer experience in, and understanding of, all aspects of industry

Reserve Funds

Pursuant to section 112(a)(1) of the Perkins Act, a state may reserve not more than 10 percent of the 85 percent of the Perkins pass through funds to make grant awards to eligible colleges to carry out the activities enumerated in section 135 (local use of funds). NCCCS may take advantage of this optional set-aside through NCCCS's administration of the reserve funds. NCCCS may allocate the 10 percent reserve on a competitive basis by issuing Requests for Proposals and soliciting responsive bids for eligible colleges.

Local Use of Funds

Administrative

As required by the Perkins Act section 135(d), a college may not use more than five percent of its subgrant for administrative expenses. Administrative activities are those activities necessary for the effective and efficient performance of the eligible college's duties under Perkins, including the supervision of such activities. Any cost that supports the management of the Perkins program is administrative in nature. Examples of allowable administrative costs include, but are not limited to salary costs associated with the development of the local plan. Administrative costs must be tracked separately from program costs. Federal Perkins funds may be used for salaries only if supporting program improvement and must have prior approval from your CTE program coordinator. Colleges must follow 2 CFR Part 200.430 for Compensation-Personal Services (Time and Effort).

Program Activities

In accordance with the Perkins Act of 2006, Section 135, "Local Use of Funds;" these funds made available to eligible colleges under this part shall be used to support career and technical education programs. Colleges must address all required uses of funds before permissible uses. The Office of Career, Technical, and Adult Education (OCTAE) policy is that while a recipient must demonstrate that they are complying with all mandatory uses, the recipient does not have to use federal Perkins funds to satisfy all required uses. See OCTAE Non-Regulatory Guidance, version 1.0, Question D.11 (Jan 9, 07) online at the Perkins Collaborative Resource Network at: http://cte.ed.gov/docs/nonregulatory/answers.pdf.

Required Uses of Funds

Under the Act, colleges must conduct activities that fall under each of the nine required activities. Colleges must conduct activities that:

- 1. Strengthen the academic and career and technical skills of students participating in career and technical programs, by strengthening the academic and career and technical education components of such programs through the integration of academics with career and technical education programs through a coherent sequence of courses
- 2. Link career and technical education at the secondary postsecondary level, including focusing activities on at least three career and technical education pathways
- 3. Provide students with strong experience in and understanding of all aspects of an industry, which may include work-based learning experiences

- 4. Develop, improve, or expand the use of technology in career and technical education, which may include:
 - a. training of career and technical education teachers, faculty, and administrators to use technology, which may include distance learning
 - providing career and technical education students with the academic and career and technical skills (including the mathematics and science knowledge that provides a strong basis for such skills) that lead to entry into technology fields
 - encouraging schools to collaborate with technology industries to offer voluntary internships and mentoring programs, including programs that improve the mathematics and science knowledge of students
- 5. Provide professional development programs for secondary and postsecondary teachers, faculty, administrators, and career guidance and academic counselors who are involved in integrated career and technical education programs, including:
 - a. in-service and preservice training on:
 - i. effective integration and use of challenging academic and career and technical education provided jointly with academic teachers to the extent practicable
 - ii. effective teaching skills based on research that includes promising practices
 - iii. effective practices to improve parental and community involvement
 - iv. effective use of scientifically based research and data to improve instruction
 - b. support of education programs for teachers of career and technical education in public schools and other public school personnel who are involved in the direct delivery of educational services to career and technical education students, to ensure that such teachers and personnel stay current with all aspects of an industry
 - c. internship programs that provide relevant business experience; and
 - d. programs designed to train teachers specifically in the effective use and application of technology to improve instruction
- 6. Develop and implement evaluations of career and technical education programs carried out with funds under this title, including an assessment of how the needs of special populations are being met
- 7. Initiate, improve, expand, and modernize quality career and technical education programs, including relevant technology
- 8. Provide services and activities that are of sufficient size, scope, and quality to be effective
- 9. Provide activities to prepare special populations, including single parents and displaced homemakers who are enrolled in career and technical education programs for high-skill, highwage, or high-demand occupations that will lead to self-sufficiency

Permissive Uses of Funds

Colleges may use Perkins basic grant funds:

- To involve parents, businesses, and labor organizations as appropriate, in the design, implementation, and evaluation of career and technical education programs authorized under this title, including establishing effective programs and procedures to enable informed and effective participation in such programs
- 2. To provide career guidance and academic counseling, which may include information for students participating in career and technical education programs, that:
 - improves graduation rates and provides information on college programs and career options, including baccalaureate degree programs, for secondary students, which activities may include the use of graduation and career plans
 - b. provides assistance for NCCCS students, including adult learners who are changing careers or updating skills
- 3. For local education and business partnerships, including:
 - a. work-related experiences for students, such as internships and cooperative education
 - b. adjunct faculty arrangements for qualified industry professionals
 - c. industry experience for teachers and faculty such as faculty externships
- 4. To provide programs for special populations;
- 5. To assist career and technical student organizations;
- 6. For mentoring and support services;
- 7. For leasing, purchasing, upgrading or adapting equipment, including instructional aids and publications (including support for library resources) designed to strengthen and support academic and technical skills achievement;
- 8. For teacher preparation programs that address the integration of academic and career and technical education and that assist individuals who are interested in becoming career and technical education teachers and faculty, including individuals with experience in business and industry;
- 9. To develop and expand NCCCS program offerings at times and in formats that are accessible for students, including working students, including through the use of distance education;
- 10. To develop initiatives that facilitate the transition of subbaccalaureate career and technical education students into baccalaureate degree programs
- 11. To provide activities to support entrepreneurship education and training
- 12. For improving or developing new career and technical education courses, including the development of new proposed career and technical programs of study for consideration by the eligible agency and courses that prepare individuals academically and technically for high-skill,

- high-wage, or high-demand occupations and dual or concurrent enrollment opportunities through Career and College Promise
- 13. To develop and support small, personalized career-themed learning communities or career academies
- 14. To provide support for family and consumer science programs
- 15. To provide career and technical education programs for adults and school dropouts to complete the secondary school education, or upgrade the technical skills, of the adults and school dropouts
- 16. To provide assistance to individuals who have participated in services and activities under the Act in continuing their education or training or finding an appropriate job
- 17. To support training and activities (such as mentoring and outreach) in nontraditional fields;
- 18. To provide support for training programs in automotive technologies
- 19. To pool a portion of such funds with a portion of funds available to not less than one other eligible recipient for innovative initiatives, which may include:
 - a. improving the initial preparation and professional development of career and technical education teachers, faculty, administrators, and counselors;
 - b. establishing, enhancing, or supporting systems for accountability data collection or reporting data under this Act
 - c. implementing career and technical programs of study
 - d. implementing technical assessments
- 20. To support other career and technical education activities that are consistent with the purpose of the Act.

Additional NCCCS Guidelines

In addition to the statutory requirements, the NCCCS has the following additional requirements:

- 1. Perkins funds are to be used for the enhancement of CTE programs. Generally, a college should not use Perkins funds to support the same activity for more than three years.
- 2. Perkins funds may be used to support faculty salaries in new programs for up to three years provided that a career pathway is developed in the third year.
- 3. Positions funded through Perkins must have prior approval and be outlined in the colleges' local plan and budget. Colleges should include the job description and the percentage funded by Perkins.

Cost Determination Checklist

Each college should consider the following questions to determine if an activity is eligible for Perkins funding:

1. Does the activity address a core indictor area that is deficient?

Colleges not meeting at least 90 percent of the target for a core indicator must provide an improvement plan with their annual Perkins report and allocate funding in their annual Perkins budget to address any core indicator deficiencies. Colleges may use college funding sources in lieu of Perkins funds or combine Perkins funding with other college funding to address deficiencies, so long as the combination of funds do not violate federal, state, or NCCCS funding rules.

Is the activity new or does it improve or expand an existing program?

In general, the college must use federal funds to improve career and technical education programs. This means that eligible colleges must target the limited federal dollars for new or improved activities. *NOTE: Colleges must use funds for program improvement and expansion, and not to maintain existing activities.* Consumable supplies are not allowed.

- 3. Does this activity address "Required Uses" of Perkins funds (Perkins Act, Section 135)?

 The college must address all required uses of funds with either Perkins or non-Perkins dollars.

 The college's activities collectively must meet all the required usage categories.
- How long has Perkins funded the activity?
 Perkins funds should support an activity for no more than three years.

5. Was the activity funded during the previous year by non-Perkins funds? Perkins funds may not be used to continue an activity funded by any non-Perkins funds the previous year. That would be supplanting, which is expressly prohibited by law.

- Is the activity required by federal, state, or local law?
 If so, this would be supplanting and would not be eligible for funding.
- 7. Is there data to support the identified need for the proposed activity, and can the impact of Perkins funding be measured?

How Perkins funds are used must be supported by data at the program level, and the college must have the capacity to measure improvement attained as a result of the use of Perkins funds. If an activity cannot be measured, it cannot be funded with Perkins funds.

Accountability

Perkins Core Indicators of Performance

The Perkins Core Indicators of Performance are calculated using the criteria listed below:

1P1 Technical Skill Attainment

Purpose: To ensure students attain challenging career and technical skill proficiencies including student achievement on technical assessments, that are aligned with industry-recognized standards.

Description: Percentage of students who passed a technical skill assessment or who earned a GPA of 2.5 or higher.

Source: Curriculum Registration, Progress, Financial Aid Report (CRPFAR) data file

Methodology:

Numerator: Students who have a GPA of 2.5 or higher on courses at the 100 level or higher.

<u>Denominator</u>: A Concentrator is defined as any student enrolled in any semester during the reporting year in a non-transfer program area and by the end of the current reporting year has completed twelve non-developmental credit hours, six of which are in CTE related course areas. The curriculum program area is the primary active program code for the student that comes up in the CRPFA file. The primary active program code cannot begin with A10, C10, D10, T90, or P10.

CTE related courses are identified by eliminating the non-CTE courses at the course prefix level. The following course prefixes are eliminated: ACA, ANT, ARA, ART, ASL, AST, BIO, CHI, CHM, COM, DAN, DMA, DMS, DRA, DRE, ECO, ENG, FRE, GEL, GER, GEO, HEA, RED, HIS, HUM, ITA, JOU, JPN, LAT, MAT, MUS, PED, PHI, PHY, PHS, POL, POR, PSY, REL, RUS, SOC, SPA, EFL

2P1 - Credential, Certificate, Diploma, or Degree

Purpose: To ensure students attain an industry-recognized credential, a certificate, or degree.

Description: Percentage of students who earned an industry-recognized credential, a certificate, or degree.

Source: Curriculum Registration, Progress, Financial Aid Report (CRPFAR) data file

Methodology:

<u>Numerator</u>: Students who graduate with a certificate, diploma, or a degree. Industry-recognized credentials are not possible at the individual level for data matching to our students, so completion is based solely on credentials awards by our community colleges.

<u>Denominator</u>: CTE concentrators from the previous year who did not re-enroll in the current reporting year. Concentrators are defined the same as in 1P1.

3P1 - Student Retention or Transfer

Purpose: To ensure students complete an industry-recognized credential, certificate, diploma, or degree or transfer to a baccalaureate degree program.

Description: Percentage of CTE concentrators who remained enrolled in their original postsecondary institution or transferred to another two- or four-year institution.

Source:

- Curriculum Registration, Progress, Financial Aid Report (CRPFAR) data file
- National Student Clearinghouse

Methodology

<u>Numerator</u>: Those students who did not graduate the previous year are sent to the National Student Clearinghouse to see if they transferred during the current year. The enrollment at the transfer institution must begin between August 1 and May 31.

<u>Denominator</u>: CTE Concentrators (as defined in 1P1) who are enrolled in the fall of the previous year and who did not earn any credential during the previous year. Credentials are those awarded by the community colleges are present in the CRPFAR.

4P1 – Student Placement

Purpose: To ensure student placement in military service or apprenticeship programs or placement or retention in employment, including placement in high-skill, high-wage, or high-demand occupations or professions.

Description: Percentage of student placement into apprenticeship programs or placement or retention in employment.

Methodology

<u>Numerator</u>: CTE Concentrators who were found to have a record of employment in the second quarter following the program year in which the student exits.

<u>Denominator</u>: CTE Concentrators from the previous year who did not return during the current year. These individuals are checked for employment records using the Employment Wage Records from the Department of Commerce under a Memo of Understanding (MOU) for the Common Follow-up System.

Source

- Curriculum Registration, Progress, Financial Aid Report (CRPFAR) data file
- Employment Wage Records

5P1 – Nontraditional Participation

Purpose: To ensure student participation in career and technical education programs that lead to employment in nontraditional fields.

Description: Percentage of CTE Participants enrolled in programs that are nontraditional for their gender.

Source:

- Curriculum Registration, Progress, Financial Aid Report (CRPFAR) data file
- National Alliance for Partnerships in Equity (NAPE) Nontraditional Crosswalk that is loaded in the Data Warehouse.

Methodology:

<u>Numerator</u>: Students whose gender does not match the majority gender in the program area as noted by NAPE.

<u>Denominator</u>: CTE participants for the current reporting year are selected using the following methodology: Select all students who are not inmates and are CTE participants enrolled in a

nontraditional program area as identified by NAPE. Participants are selected based upon the following criteria:

- Not enrolled in a primary academic program code of A10, C10, D10, T90, or P10.
- Students must attempt 6 hours of CTE courses. These courses do not include any of the following prefixes: ACA, ANT, ARA, ART, ASL, AST, BIO, CHI, CHM, COM, DAN, DMA, DMS, DRA, DRE, ECO, ENG, FRE, GEL, GER, GEO, HEA, RED, HIS, HUM, ITA, JOU, JPN, LAT, MAT, MUS, PED, PHI, PHY, PHS, POL, POR, PSY, REL, RUS, SOC, SPA, EFL
- College letter grades of NA and NS are not included, but W grades are counted.

Note: See Appendix B for a list of programs and their gender designation

5P2 – Nontraditional Completion

Purpose: To ensure student completion of career and technical education programs that lead to employment in nontraditional fields.

Description: Percentage of CTE concentrators who completed a program that is nontraditional for their gender.

Source:

- Curriculum Registration, Progress, Financial Aid Report (CRPFAR) data file
- NAPE Nontraditional Crosswalk that is loaded in the Data Warehouse

Methodology:

<u>Numerator</u>: Students whose gender does not match the majority gender in the program area as noted in the NAPE crosswalk.

<u>Denominator</u>: CTE concentrators for the current reporting year completing a nontraditional program. The nontraditional programs are noted in the NAPE crosswalk. Completion is identified as those having a graduate record in the CRPFAR during the current program year.

- 1. NCCCS includes targets for college performance for each core indicator in the annual reporting instructions. Colleges not meeting at least 90 percent of their negotiated performance level for the core indicator must provide an improvement plan with their annual Perkins report and indicate specified funding in their annual Perkins budget to address any core indicator deficiencies. This may include specific disaggregated data per core indicator to the CTE program level. Colleges may use college funding sources in lieu of Perkins funds or combine Perkins funding with other college funding to address deficiencies, so long as the combination of funds does not violate federal, state, or NCCCS funding rules.
- 2. The state and local levels of performance are in accordance with the Final Agreed Upon Performance Levels (FAUPL) designated by OCTAE annually. Statewide target levels for the 2016-17 year are:
 - a. 1P1 80.2%
 - b. 2P1 54.9%
 - c. 3P1 67.0%

- d. 4P1 67.7%
- e. 5P1 22.7%
- f. 5P2 17.85%
- 3. NCCCS will review the college's proposed plans for sufficiency and relevancy and offer recommendations as appropriate. Progress in meeting the improvements will be monitored throughout the year. Colleges failing to meet or show significant improvement for two consecutive years may be directed to address the core indicator with an agreed upon portion of their Perkins allocation.
- 4. If the state fails to meet 90 percent of the agreed upon performance levels, then it must submit a program improvement plan to OCTAE. This includes possible directed actions to the individual or collective colleges' improvement plans. These improvement plans will include measureable actions and will be monitored throughout the reporting year. NCCCS may direct allocation of Perkins funding for any core indicator target levels not met. After three consecutive years of falling below 90 percent of the agreed upon levels, no improvements within the one-year improvement plan, or if the state does not implement an improvement plan, the U.S. Secretary of Education may withhold all or part of the federal allocated Perkins funds.

Local Plan Requirements

In accordance with the Perkins legislation, Section 134(b)(1) through (12), colleges must conduct certain activities. The following activities and requirements must be outlined in a local plan.

Local Plan

Colleges that choose to accept Perkins funds must complete an application process that includes the following elements:

- Local Plan that describes activities in the nine required activity areas outlined in the Act your local plan should tell us how your college is addressing the 9 Required Activities and how the college plans to spend its allocation
- Budget that corresponds to the local plan
- Signed Statement of Assurances
- Signed Allotment Acceptance form
- Job Descriptions of any positions funded in full or in part by Perkins
- Perkins contact information

The Local Plan and budget must be approved prior to spending Perkins funds. At the end of each fiscal quarter, colleges will submit a quarterly update report.

Modification of the Local Plan

Any changes to the local plan and/or budget requires a local plan and budget modification. Colleges should submit the changes to their Program Coordinator for approval.

Fiscal Requirements

Overview

Each recipient of Perkins funds must follow cost guidelines outlined in the Office of Management and Budget (OMB) publication of the final Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (known as the Uniform Grants Guidance), the Perkins Act, and EDGAR. These publications discuss how to determine if an expense is allocable and reasonable (2 CFR Part 200 §200.403 through §200.405) and, specific unallowable expense categories, although the state of North Carolina may set more stringent standards. These documents also provide an explanation of the required documentation when salaries and personnel costs are paid with federal funds. See Basic Cost Principles for details of allowable and unallowable costs. (Ref: 2 CFR, Subpart E – "General Provisions for Selected Items of Cost")

Supplementing Versus Supplanting

In accordance with the Perkins Act of 2006, Section 311 (a), funds made available under the Act must supplement and not supplant non-federal funds expended to carry out CTE activities. In other words, federal Perkins funds may be used to enhance only career and technical education programs and activities and cannot be used when non-Perkins funds are available or have previously supported the program or activity.

- 1. It will be presumed that supplanting has occurred where:
 - a. Colleges use Perkins funds to provide services that the college is required to make available under another federal, state, or local law; or
 - b. Colleges use Perkins funds to provide services that the college provided with non-Perkins funds in the prior year
 - c. College provides services for non-CTE students with non-federal funds, and provides the same services to CTE students using Perkins funds.
- 2. NCCCS provides technical assistance and training on supplanting as needed. If you are a college who has questions or concerns regarding supplanting or any other Perkins matters, please contact your program coordinator.

Mandatory Disclosures

The college or applicant for a Federal award must disclose, in a timely manner, in writing to the Federal awarding agency or pass-through entity, all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the Federal award. Failure to make required disclosures can result in any of the remedies described in section 200.338 Remedies for noncompliance, including suspension or debarment. (See also 2 CFT part 180 and 31 U.S.C. 3321).

Debarred and Suspended Parties

Grantees and sub-grantees must not make any award or permit any award (sub-grant or contract) at any tier to any party which is debarred or suspended or is otherwise excluded from or ineligible for participation in Federal assistance programs under Executive Order 12549, Debarment and Suspension.

Monitoring

General Information

NCCCS conducts ongoing monitoring to ensure the Perkins program is administered correctly and in compliance with federal and state requirements. Technical assistance will be provided where requested or required. NCCCS performs "desktop" and on-site monitoring visits of colleges receiving Perkins grant funds based on risk or noncompliance with Federal statues, regulations, and the terms and conditions of the subaward of the Perkins Act.

NOTE: Additional monitoring requirements may be indicated due to updates or changes to federal monitoring and reporting requirements. Colleges will be notified of these updates in a timely manner to facilitate accurate monitoring

On-Site Monitoring

Annually, a percentage of colleges considered high-risk using the following criteria are selected for onsite monitoring visit.

- Failure to show improvement on unmet Perkins core indicator levels for two or more consecutive years
- Significant deficiency in any Perkins core indicator
- Newly assigned key personnel affecting Perkins budgeting or control of Perkins resources
- Significant amounts of Perkins funds received
- Other factors requiring an on-site monitoring visit as determined by the NCCCS Director of CTE

Any findings will be documented and forwarded to the president of the institution for the initiation of a corrective action plan. Areas that are found to be commendable or identified as "best practices" will also be included in the documentation forwarded to the president. This will be an opportunity for open dialogue between the college and the state monitoring team, to ask questions and obtain some specific training and professional development needed by the college for Perkins performance improvement.

A letter of findings from the NCCCS will be forwarded to the president of the college within 30 days of the monitoring visit. This report will document the specific findings and will inform the president if any corrective actions are required, and the date due, if applicable.

Methods of Administration Monitoring

A state agency's responsibilities under the Methods of Administration (MOA) program are set out in the *Guidelines for Eliminating Discrimination and Denial of Services on the basis of Race, Color, National Origin, Sex, and Handicap in Vocational Education Programs,* which can be found in 34 CFR part 100, Appendix B (Title VI regulations). Appendix B applies to a recipient of Federal financial assistance from the Department that offers or administers programs of vocational education or training. This includes State agency recipients under Perkins IV. The State agency responsible for the administration of vocational education programs under Perkins IV must adopt an MOA compliance program to prevent, identify, and remedy discrimination on the basis of race, color, national origin, sex, or disability by its sub recipients. This MOA program must include the following:

- Collecting and analyzing civil rights data and information that sub recipients compile for their own purposes or that are submitted to State and Federal officials under existing authorities.
- Conducting periodic compliance reviews of selected colleges (i.e. an investigation of a sub
 recipient to determine whether it engages in unlawful discrimination in any aspect of its CTE
 program); upon finding unlawful discrimination, notifying colleges of steps it must take to
 attain compliance and attempting to obtain voluntary compliance.
- 3. Providing technical assistance upon request to colleges. This includes assisting colleges with identifying unlawful discrimination and instructing them in remedies for and prevention of such discrimination
- 4. Periodically reporting NCCCS activities and findings to the Department of Civil Rights.

Fiscal Grant Management

Compliance with EDGAR

EDGAR establishes rules that apply to all education programs. Secondary to the Perkins Act itself, EDGAR is a key reference for this handbook. EDGAR regulations include, but are not limited to such issues as application procedures, financial administration, property management, records retention, lobbying, and oversight. Colleges are subject to all applicable areas of the EDGAR. This guidebook includes excerpts from these publications; however, users should become familiar with both of the complete basic documents that apply to them. (Ref: 2 CFR Part 200, Subpart D- Post Federal Award Requirements)

College Perkins Budgets

Colleges must have clearly defined and documented processes as part of their respective policy guidelines for budgeting. The college's Perkins Budget has seven primary categories. Colleges must align funds for each category with Perkins core indicators. Colleges must establish accounts consistent with these categories so that Perkins funds can be properly identified and required reports submitted. Expenses should be accounted for by category according to federal program guidelines and the guidelines of the individual institution. Copies of all budget forms are available within the Perkins Online Data System. **Budgeted items must comply with EDGAR.**

Budget category descriptions are:

- 1. **Capitalized Equipment** Equipment purchased costing more than \$5,000. Must provide evidence of what CTE programs is benefiting.
- 2. **Non-Capitalized Equipment** (and significant technological items) Equipment purchased costing more than \$500 and less than \$5,000. Must show evidence which CTE programs are benefiting. High-risk technology devices such as laptops, tablets or other small computing devices, are considered non-capitalized equipment and must be tagged and tracked accordingly.
- 3. **Non-Consumable Supplies** Items less than \$500 that are used in CTE programs that provides assistance in the instructional area. These items must benefit all students in that particular program.
- 4. Travel Travel reimbursement is allowed for staff to attend Perkins-related activities
- 5. **Purchased Services** Expenditures for contractual services obtained from consultants or others not employed by the institution.

- 6. **Salaries/Benefits** Regular employee salaries and benefits for personnel performing direct services for a Perkins activity. A timesheet must be maintained for each employee paid. Perkins funds may be used for faculty salaries and benefits for startup programs not to exceed three years.
- 7. **Other items** Items that do not fit in any of the preceding categories (i.e. software, reference manuals, training modules, maintenance agreements etc.). These must meet the allowable expenses set by the Perkins Act.

Annual Budget Review and Approval Process

The following general actions are taken for annual Perkins budgets:

- 1. Colleges will submit their annual Perkins budget in the Perkins Online Data System, no later than June 15th of each year.
- 2. All items in the annual budget must clearly align with the Perkins activities outlined in the local plan
- 3. Your program coordinator will conduct a review of Perkins budgets for compliance with these guidelines.
- 4. Colleges will receive the approved budgets from their program coordinators and may begin making purchases once the funds are made available and their budget has been approved.

Budget Modifications

A budget modification is required if the college desires to modify the approved budget. Requests for budget modifications must be submitted to your program coordinator for final approval before actual budget amendments are authorized. Colleges should not expend monies until their modification has been authorized. Early submission of an amendment to the annual plan is necessary to ensure that funds are spent early enough in the academic year to impact student performance and associated indicator results.

Budget modifications must adhere to the following:

- 1. **Relation to cost principles**. The cost principle requirements of EDGAR 2 C.F.R. PART 200 apply.
- 2. **Local Plan**. When a budget modification is made, the college's local plan must be updated to reflect the changes.
- 3. **Budget changes**. Colleges shall obtain the prior approval from their program coordinator whenever any of the following changes is anticipated under Perkins grant award:
 - a. any revision which would result in the need for additional funding
 - b. unless waived by the awarding agency, cumulative transfers among direct cost categories, or, if applicable, among separately budgeted programs, projects, functions, or activities that exceed or are expected to exceed ten percent of the current total approved budget, or funding in a subcategory is insufficient, and shall be accompanied by a narrative justification for the proposed revision.
- 4. **Construction projects.** Construction projects using Perkins funding is typically unauthorized by sub-grantees. Renovation to an existing structure for the purpose of installing CTE training equipment may be permitted, however sub-grantees shall obtain prior written approval.
- **5. Programmatic changes**. Colleges must obtain the prior approval of NCCCS whenever there are any revision of the scope or objectives of the program. **NOTE**: Final budget amendments for the

current fiscal year must be submitted no later than May 15. *Any amendments past this date may not be approved.*

Program Income

In accordance with the Uniform Administrative Requirements 2 CFR Part 200, §200.307

- General. Additionally, colleges are encouraged to earn income to defray program costs where appropriate. Income realized from Perkins programs must be rolled back into the program from which it was earned, and not the college's general fund.
- 2. Program income includes income from fees for services performed, from the use or rental of real or personal property acquired with grant funds, from the sale of commodities or items fabricated in the CTE program. Program income does not include interest on grant funds, rebates, credits, discounts, refunds, etc. and interest earned on any of them.
- 3. Accurate accounting of revenue, supplies, material, etc. must be maintained.
- 4. **Governmental revenues**. Taxes, special assessments, levies, fines, and other such revenues raised by a college are not program income.
- 5. Income after the award period. There are no Federal requirements governing the disposition of program income earned after the end of the award period (i.e., until the ending date of the final financial report), unless the terms of the agreement or the Federal agency regulations provide otherwise.
- 6. Live work procedures must be adhered to in support of program income.

Basic Cost Guidance/Principles

Factors Affecting Allowability of Costs Ref: 2 CFR Part 200, § 200.403

All costs must be:

- 1. Necessary and reasonable
- 2. Conform with federal law and grant terms
- 3. Consistent with state and local policies
- 4. Consistently treated
- 5. In accordance with Generally Accepted Accounting Principles (GAAP)
- 6. Not included as a match
- 7. Adequately documented

Direct Costs

Ref 2 CFR Part 200, § 200.404

Direct costs are those costs that can be identified specifically with a particular final cost objective, such as a Federal award, or other internally or externally funded activity or that can be directly assigned to such activities relatively easily with a high degree of accuracy.

Direct costs generally include:

- Salaries and wages (including vacations, holidays, sick leave, and other excused absences of employees working specifically on objectives of a grant or contract – i.e, direct labor costs).
- Other employee fringe benefits allocable on direct labor employees.
- Consultant services contracted to accomplish specific grant/contract objectives.
- Travel of employees.
- Materials, supplies, and equipment purchased directly for use on a specific grant or contract.

The salaries of administrative and clerical staff should normally be treated as indirect costs. Direct charging of these costs may be appropriate only if all of the following conditions are met:

- Administrative or clerical services are integral to a project or activity
- Individuals involved can be specifically identified with the project or activity
- Such costs are explicitly included in the budget or have the prior written approval of your Program Coordinator
- The costs are not also recovered as indirect costs

Reasonable Costs

Ref 2 CFR Part 200, § 200.404

Consideration must be given to:

- Whether cost is a type generally recognized as ordinary and necessary for the operation of the college or the proper and efficient performance of the Federal award
- The restraints or requirements imposed by such factors as Federal, state, local, tribal and other laws and regulations and terms and conditions
- Market prices for comparable goods and services in the geographic area
- Whether the individuals acted with prudence under the circumstances considering their responsibility
- No significant deviation from established prices

Practical questions

- Do I really need this?
- Is the expense targeted to a valid programmatic/administrative need?
- Is this the minimum amount I need to spend to meet my need?
- Do I have the capacity to use what I am purchasing?
- Did I pay a fair rate?
- If I were asked to defend this purchase, would I be able to?

Allocable Costs

Ref 2 CFR Part 200, § 200.405

A cost is allocable to a Federal award or cost objective if the goods or services involved are chargeable or assignable in accordance with relative benefits received.

Can only charge in proportion to the value received by the program.

- For example – A college purchases a subscription to a course review process to evaluate all courses at the institution. The courses at the college are 80% CTE related and 20% college transfer. The college may fund only 80% of the subscription with Perkins funds.

General Categories of Allowable/Non-Allowable Costs

Any questions about potential conflicts should be addressed to the college's CTE Program Coordinator.

Non-Allowable Expenditures

Funds typically cannot be used to purchase the following. Contact your Program Coordinator for additional clarification.

- Advertising
- Alcohol
- Audits except single audit
- Awards and memorabilia
- Contingencies
- Contributions and donations
- Entertainment
- Expenses that supplant
- Facilities
- Fines and penalties
- Firearms
- Food or beverages
- Fundraising
- Furniture
- Giveaways
- General administration apart from program administration
- Individual memberships
- Memberships or anything related to lobbying
- Student expenses or direct assistance to students

Specific Cost Guidance by Category

The Code of Federal Regulations (CFR) contains specific cost guidance by category in *Ref: 2 CFR Part 200, §200.420 – §200.475.* These principles apply whether a cost is treated as direct or indirect. Failure to mention a particular item of cost in these sections of the CFR is not intended to imply that it is either allowable or non-unallowable; rather, determination of allowability in each case will be based on the treatment or standards provided for similar or related items of cost.

Ref: 2 CFR Part 200, §200.420, "In case of a discrepancy between the provisions of a specific Federal award and the provisions below, the Federal award governs. Criteria outlined in §200.403 Factors Affecting Allowability of Costs must be applied in determining allowability."

Timely Obligation of Funds

Colleges must make a concerted effort to obligate Perkins funds in a timely manner throughout the fiscal year. Priority must be made to obligate funding in a programmatic response towards improving the college's performance for core indicators, especially in the performance areas that are reported below the targeted levels.

- 1. Colleges may begin to obligate funds in accordance with their substantially approved form once notified by their program coordinator.
- 2. Quarterly local plan updates, along with quarterly expenditures, will be submitted to the colleges' CTE program coordinator on or before the following dates:
 - a. 1st Quarter September 30, 2016
 - b. 2nd Quarter December 31, 2016
 - c. 3rd Quarter March 31, 2017
 - d. 4th Quarter June 30, 2017
- 3. Every effort should be made to expend grant funds specifically for capital and non-capital purchases in the **first two quarters of the fiscal year**. This is critical to the efficient and effective use of the grant and to maximize the impact of the funds on student performance throughout reporting year.
- 4. Amendments to the basic budget may be submitted throughout the fiscal year but no later than May 15, 2017. Attention must be paid to timing of budget amendments to ensure sufficient time for the planning and approval process. Colleges must provide adequate time to process the request, gain approval from their program coordinator, implement the change, obligate and expend the funds, and prepare to close out the grant for the year. All equipment purchased using Perkins funding must be in place and in use, no later than June 30th of the fiscal year.

NOTE: Any amendments submitted past May 15 may not be approved.

Required Certifications

To assure that expenditures are proper and in accordance with the terms and conditions of the Federal award and approved project budgets, the annual and final fiscal reports or vouchers requesting payment under the agreements must include a certification, signed by an official who is authorized to legally bind the College, which reads as follows: "By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812)." When budget documents are submitted to www.ncperkins.org, the individual submitting the documentation will be required to acknowledge this statement. Ref: 2 CFR Part 200, §200.415.

Carryover Procedures

Every effort should be made to completely expend all awarded grant funds each year in an efficient and effective manner. Unused portions of college grant funds will not be allowed for reimbursements. Carryover funds will revert back to the NCCCS. These carryover funds will be included in the overall Perkins allocations to all colleges for the following year.

Procurement Standards & Property Management

General Procurement Standards

(Ref: 2 CFR Part 200, §200.318)

All colleges will follow §200.318 General procurement standards through 200.326 - Contract provisions.

Property Management

(REF: 2CFR Part §200 200.313) Equipment

Use

- Equipment must be used by the college in the program or project for which it was acquired as long as needed, whether or not the project or program continues to be supported by the Federal award, and the college must not encumber the property without prior approval of NCCCS. When no longer needed for the original program or project, the equipment may be used in other activities supported by the Federal awarding agency, in the following order of priority:
 - a. Activities under a Federal award from the Federal awarding agency which funded the original program or Perkins project, then
 - b. Activities under Federal awards from other Federal awarding agencies. This includes consolidated equipment for information technology systems.
- 2. During the time that equipment is used on the project or program for which it was acquired, the college must also make equipment available for use on other projects or programs currently or previously supported by the Federal Government, provided that such use will not interfere with the work on the projects or program for which it was originally acquired. First preference for other use must be given to other programs or projects supported by Federal awarding agency that financed the equipment and second preference must be given to programs or projects under Federal awards from other Federal awarding agencies. Use for non-federally-funded programs or projects is also permissible. User fees should be considered if appropriate.
- 3. Property Income: (REF: 2 CFR Part 200, §200.307) All program income consideration must meet the following requirements:
 - a. General. Colleges are encouraged to earn income to defray program costs where appropriate. Income realized from Perkins programs must be rolled back into the program and not the college's general fund. Program income includes income from fees for services performed, from the use or rental of real or personal property acquired with grant funds, from the sale of commodities or items fabricated in the CTE program.

- Program income does not include interest on grant funds, rebates, credits, discounts, refunds, etc. and interest earned on any of them.
- b. Accurate accounting of revenue, supplies, material, etc. must be maintained.
- c. Governmental revenues. Taxes, special assessments, levies, fines, and other such revenues raised by a college are not program income.
- d. Income after the award period. There are no Federal requirements governing the disposition of program income earned after the end of the award period (i.e., until the ending date of the final financial report), unless the terms of the agreement or the Federal agency regulations provide otherwise.
- e. Live work procedures must be adhered to in support of program income.
- 4. When acquiring replacement equipment, the college may use the equipment to be replaced as a trade-in or sell the property and use the proceeds to offset the cost of the replacement property.

Management

Procedures for managing equipment (including replacement equipment), whether acquired in whole or in part under a Federal award, until disposition takes place will, as a minimum, meet the following requirements:

- Property records must be maintained that include a description of the property, a serial number
 or other identification number, the source of funding for the property (including the FAIN), who
 holds title, the acquisition date, and cost of the property, percentage of Federal participation in
 the project costs for the Federal award under which the property was acquired, the location,
 use and condition of the property, and any ultimate disposition data including the date of
 disposal and sale price of the property.
 - a. All items susceptible to pilferage purchased with Perkins funds must be inventoried and visibly tagged (or alternate method of identification) before being placed into service.
 - b. At a minimum, tags will identify the item as purchased with Perkins and include an inventory number that corresponds with property records.
 - c. Property records must include a description of the property, a serial number or other identification number, the source of property, who holds title, the acquisition date, and cost of the property, percentage of federal participation in the cost of the property, the location, use and condition of the property and any ultimate disposition data including the date of disposal or sale price of the property.
- 2. A physical inventory of the property must be taken and the results reconciled with the property records at least annually.

- 3. A control system must be developed to ensure adequate safeguards to prevent loss, damage, or theft of the property. Any loss, damage, or theft must be investigated.
- 4. Adequate maintenance procedures must be developed to keep the property in good condition.
- 5. If the college is authorized or required to sell the property, proper sales procedures must be established to ensure the highest possible return. Consult the Director of CTE at NCCCS prior to selling.
- 6. Lost, Damaged, or Stolen Items Colleges must take reasonable precautions to ensure that items purchased with Perkins funding is properly maintained, accounted for, and protected from damage, loss, unreasonable deterioration and theft. Colleges are advised to implement the following controls, and any additional controls felt to be necessary to safeguard the property:
 - a. Maintain adequate and current property records that allow the items to be located, and maintain records of the person or persons who have property in their possession, or are responsible for their security during non-duty hours. Accountability and responsibility must be maintained at all times, whether the property is located on-site or off-site.
 - b. Provide a secure building and coordinate between the security function and the Property Control Officer, especially regarding security violations or changes affecting official property.
 - c. Have a written policy and always follow it when checking out property that requires employees to sign for property in their possession.
 - d. When property acquired with Perkins funds is lost, damaged or stolen the college must conduct and fully document an investigation. When appropriate, law enforcement authorities should be notified, a police report should be filed and maintained for records, and if the item meets the state's capitalization threshold, insurance provider should be notified.

Disposition

When original or replacement equipment acquired under a Federal award is no longer needed for the original project or program or for other activities currently or previously supported by a Federal awarding agency, except as otherwise provided in Federal statutes, regulations, or Federal awarding agency disposition instructions, the college must request disposition instructions from NCCCS. Disposition of the equipment will be made as follows, in accordance with Federal awarding agency disposition instructions:

- 1. Items of equipment with a current-per-unit-fair-market value of \$5,000 or less may be retained, sold or otherwise disposed of with no further obligation to the Federal awarding agency.
- 2. Except as provided in §200.312 Federally-owned and exempt property, paragraph (b), or if the Federal awarding agency fails to provide requested disposition instructions within 120 days,

items of equipment with a current per-unit-fair-market value in excess of \$5,000 may be retained by the college or sold. The Federal awarding agency is entitled to an amount calculated by multiplying the current market value or proceeds from sale by the Federal awarding agency's percentage of participation in the cost of the original purchase. If the equipment is sold, the Federal awarding agency may permit the college to deduct and retain from the Federal share \$500 or ten percent of the proceeds, whichever is less, for its selling and handling expenses.

- 3. The college may transfer title to the property to the Federal Government or to an eligible third party provided that, in such cases, the college must be entitled to compensation for its attributable percentage of the current fair market value of the property.
- 4. In cases where a college fails to take appropriate disposition actions, the Federal awarding agency may direct the college to take disposition actions.

Time and Effort

Time and effort reporting guidelines are specified in **2 CFR Part 200 §200.430**. All employees, including instructors, administrators, and other staff that are paid with federal funds are required to document the time and effort they spend within that program. The portion of the federally paid salary should be reflective of the time and effort the individual has put forth for that federal program.

NCCCS Time and Effort Reporting

- 1. Charges to Federal awards for salaries and wages must be based on records that accurately reflect the work performed. These records must:
 - a. Be supported by a system of internal control that provides reasonable assurance that the charges are accurate, allowable, and properly allocated;
 - b. Be incorporated into the official records of the organization.
- 2. NCCCS employees compensated using Perkins funds are required to maintain auditable "time and effort" documentation that show how each employee spent his or her compensated time. Such documentation is written, after-the-fact (not estimated or budgeted) documenting how the time was actually spent.
 - a. Semi-annual certifications are required for personnel whose compensation is funded solely from the Perkins grant. These certifications document that he/she has been working solely in activities supported by the Perkins grant. Some colleges (grant colleges) may require monthly reports for these personnel. Every six months is only the minimum. The certification must (1) cover a semi-annual period of time, (2) identify Perkins as the program, and (3) be signed and dated by an employee and supervisor having first-hand knowledge of the work performed by the employee.
 - b. Monthly reports are required for personnel whose time is charged in part to Perkins and in part to other revenue sources (split-funded staff). These reports document the portions of time and effort dedicated to Perkins and to other revenue sources. Such

records must (1) be completed after-the-fact, (2) account for the total time for which the employee is compensated, (3) be prepared at least monthly, (4) coincide with one or more pay periods, and (5) be signed by the employee and countersigned by an administrator or supervisor.

c. If there are differences in the amount of time that an individual is reporting and what is actually being paid, adjustments must be made in the payroll to accurately reflect the time and effort spent on a particular federal program.

Colleges Time and Effort Reporting

- 1. College employees compensated using Perkins funds are required to maintain auditable Perkins activity reports or "time and effort" documentation. The type of documentation that a college employee must maintain is not based on the cost objective, but rather on the type of employee (i.e. faculty/professional versus non-faculty/non-professional), as follows.
 - a. Time and effort documentation will reflect the distribution of activity expended by employees for CTE-specific functions applicable to reimbursement by Perkins funds.
 - b. These reports will reflect an after-the-fact reporting of the percentage distribution of activity of employees.
 - c. Reports will reasonably reflect the Perkins activities for which employees are compensated as-well-as any non-Perkins activities subject to other cost objectives for the individual. To confirm that the distribution of activity represents the work performed by the employee during the period, the reports will be signed by the employee, verified by their supervisor or responsible official(s), verifying that the work was performed.
 - d. These reports will reflect activity applicable to Perkins and to each category that accounts for 100 percent of the employee's compensation for the subject pay period, verifying that the costs and the functions are allocable.
 - e. For faculty and professional staff compensated with Perkins funds, reports will be prepared and submitted monthly. For all other employees, reports will be prepared and submitted not less than once monthly, and will coincide with one or more pay periods.

Time and Effort Guidance for Tutors

- 1. Tutors are considered a staff position and are required to submit time and effort reports.
- 2. Documentation of effort should include:
 - a. Student tutee's program of study
 - b. Subject area
 - c. Time spent for each session
- 3. If a tutor works with both AA/AS and AAS students, the position is considered split. Tutors who fall into this category must complete the split time and effort form and record both AAS and

- AA/AS hours on a weekly basis. The form must be submitted monthly and signed by the supervisor and tutor.
- 4. We recommend that documentation be collected monthly and be included with the time and effort form.
- 5. Supervisors should reconcile the hours worked with the documentation provided to ensure the hours reported match.

Appendix A – Definitions

Administration - The term 'administration', when used with respect to an eligible agency or eligible college, means activities necessary for the proper and efficient performance of the eligible agency or eligible college's duties under this Act, including the supervision of such activities. Such term does not include curriculum development activities, personnel development, or research activities.

Articulation - The process of granting credit to students who complete a course of study from another educational institution. For the purposes of this report articulation refers to Career and Technical Education credit granted to secondary education students through either a locally developed articulation agreement or statewide articulation agreement for career and technical education courses.

Captive Co-optive – An individual who is confined to a correctional facility and for whom his/her career and technical education is provided within the correctional facility.

Career clusters – Sixteen descriptive headings identified by the U.S. Department of Education within which career and technical education programs are grouped. Colleges report certain career and technical education performance data by cluster. Certain data related to short-term, non-credit training are also reported by cluster; colleges select the most appropriate cluster within which to report non-credit training data. Curricula may be developed around career clusters in instances where a broad approach to the instructional program is appropriate. (See Appendix D for cluster headings and pertinent career and technical programs.)

Career and technical education (CTE) - Organized educational activities that (1) offer a sequence of courses that provide individuals with the academic, technical, and technological knowledge and skills needed to prepare for further education and careers requiring less than a baccalaureate degree; and (2) include competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills of an individual.

Career and technical education program – CTE program designated by CIP code as "career/technical" that culminates in the awarding of an industry-recognized credential, short certificate, certificate, diploma, or associate degree to program graduates. Career and technical programs include provisions for academic course requirements as appropriate. See Appendix B for a list of career and technical education programs by career clusters in the NCCCS.

Career and technical education student – A student who at any point during data reporting period declared a career and technical education major.

Career and technical student organization (CTSO) - The term 'career and technical student organization' means an organization for individuals enrolled in a career and technical education program that engages in career and technical education activities as an integral part of the instructional program.

Certificate – A technical skills proficiency credential, technical skills, or CTE program completion certificate, or CTE program degree granted to students in conjunction with a secondary school diploma. (OCTAE definition)

CIP (Classification of Instructional Programs) code - Six-digit numerical classification that identifies instructional program specialties and provides standard terminology for secondary and ACCS education programs.

Condition (relative to special populations) - physical, mental, socioeconomic, or other special needs situation

Completer – Individual who exits a career and technical education short certificate, certificate, diploma or associate degree program having successfully completed all course work and credit hours required for program graduation.

Competency-Based Education (CBE) – Competency Based Education (CBE) is an effort to design and build a sustainable and scalable competency-based Associates degree pathway. CBE allows for a student to get credit for what he or she already knows, build on their knowledge and skills at their own pace, and earn high-quality, industry-validated degrees and credentials. CBE programs award academic credit for demonstration and mastery of competencies. Successful CBE degree programs often include components of technology-enabled personalization and also provide one-to-one mentoring with an assigned advisor throughout the course of a student's enrollment. Supported by trained, academic coaches, CBE students are able to plan for and complete a degree program through time management, organization, demonstration of formal comprehensive, high-tech or military training, and a rigorous higher education learning experience led by world-class faculty.

Credential – A formal document given by a recognized credentialing entity indicating that a student/person has met the standards of that credentialing entity. (OCTAE definition)

Degree – A title conferred on CTE students/concentrators by a college, university, or professional school on completion of a program of study. (OCTAE definition)

Degree program - Program in which courses are creditable toward an associate degree. (See also Award)

Disabled - Individual with disability as defined in Section 12102 (Section 3) of the Americans with Disabilities Act.

Disability - The term "disability" means, with respect to an individual:

- A physical or mental impairment that substantially limits one or more of the major life activities of such individual
- A record of such an impairment
- Being regarded as having such impairment

Displaced homemaker - An individual who:

- has worked primarily without remuneration to care for a home and family, and for that reason has diminished marketable skills
- has been dependent on the income of another family member but is no longer supported by
- is a parent whose youngest dependent child will become ineligible to receive assistance under part A of title IV of the Social Security Act (42 U.S.C. 601 et seq.) not later than 2 years after the date on which the parent applies for assistance under this title

 Is unemployed or underemployed and is experiencing difficulty in obtaining or upgrading employment.

Economically disadvantaged - Individual eligible to receive a Pell grant or similar needs-based financial aid.

Eligible agency —The term 'eligible agency' means a State board designated or created consistent with State law as the sole State agency responsible for the administration of career and technical education in the State or for the supervision of the administration of career and technical education in the State.

Eligible institution - The term 'eligible institution' means a public or nonprofit private institution of higher education that offers career and technical education courses that lead to technical skill proficiency, an industry-recognized credential, a certificate, a degree; or an area career and technical education school providing education at the ACCS level

Eligible college—The term 'eligible college' means—

A local educational agency (including a public charter school that operates as a local educational agency), an area career and technical education school, an educational service agency, or a consortium, eligible to receive assistance under section 131 of the Perkins Act

An eligible institution or consortium of eligible institutions eligible to receive assistance under section 132 of the Perkins Act.

Exiter – A Student who exits (or leaves) program or training course for any reason during data collection period.

Individuals preparing for nontraditional training and employment - Individuals enrolled in a career and technical education program for which the primary employment outcome is nontraditional for the gender of those individuals (e.g., men enrolled in LPN programs, women enrolled in welding programs). See Appendix B for career and technical programs with primary employment outcomes being nontraditional for each gender.

Individual with limited English proficiency - The term 'individual with limited English proficiency' means a secondary school student, an adult, or an out-of-school youth, who: (1) has limited ability in speaking, reading, writing, or understanding the English language, and whose native language is a language other than English; or (2) who lives in a family or community environment in which a language other than English is the dominant language.

Individual with a disability -

In general — The term 'individual with a disability' means an individual with any disability (as defined in section 3 of the Americans with Disabilities Act of 1990)

Individuals with disabilities —The term 'individuals with disabilities' means more than one individual with a disability.

Industry Accreditation/Certification Body - Organization that, by accrediting or approving a career and technical education program in its industry area certifies that the program facilities, training equipment,

instructors, and curriculum meet the quality criteria established by that organization (e.g., NIMS certification of Machine Tool Technology programs).

Industry Credential - Certification that a career and technical education program, student, or instructor has met quality criteria established by an applicable industry.

Limited English Proficient (LEP) - Individual: 1) for whom English is not the primary language and/or 2) who is or has been enrolled in an English as a second language (ESL) class.

Nontraditional for Gender - A career and technical program in which fewer than 25% of the students are of one gender. See Appendix B, for career/ technical programs with primary employment outcomes being nontraditional for each gender.

Race - Categories used to describe racial groups to which individuals belong, identify with, or belong in the eyes of the community. The categories do not denote scientific definitions of anthropological origins. A person may be counted in only one group. The groups used to categorize U.S. citizens, resident aliens, and other eligible noncitizens are based on the 1997 standards and include:

- American Indian or Alaskan Native
- Asian
- Black or African American
- Hispanic/Latino
- Native Hawaii or Other Pacific Islander
- White
- Two or More Races
- Unknown The race is unknown if institutions are unable to place them in one of the specified racial/ ethnic categories or the student indicates, "Other."

School dropout —The term 'school dropout' means an individual who is no longer attending any school and who has not received a secondary school diploma or its recognized equivalent.

Special populations:

- Individuals with disabilities (ADA)
- Economically disadvantaged
- Single parents
- Displaced homemakers
- Limited English proficiency
- Nontraditional enrollees

Student - generic term applied to individual enrolled in credit or noncredit coursework or training activity (includes students in degree programs, non-degree programs, noncredit training, and customized training).

Support Services —The term 'support services' means services related to curriculum modification, equipment modification, classroom modification, supportive personnel, and instructional aides and devices.

Technical competencies - Occupational-specific skills including the abilities to perform required job tasks.

Technical competency assessment - Assessment instrument or procedure used to determine a student's attainment of technical competencies.

Technological skills - Skills related to the understanding and use of current and emerging technologies.

Technical skills attainment - Skills documented by an independent credentialing agency, professional organization, or industry or developed locally by college personnel.

Work-Based Learning: Sustained interactions with industry or community professionals in real workplace settings, to the extent practical, or simulated environments that foster in-depth, firsthand engagement with the task required of a given career field as part of an education program.

Unduplicated headcount - The number derived when counting students in a particular population once by a unique identifier such as a student ID number.

Appendix B – Non-Traditional Career Classification Table

The following table lists each CTE program code and identifies the non-traditional classification of the program. Programs that are designated as female (F) or male (M) underrepresented are included in the calculation of 5P1 and 5P2.

Program Code	Program Title	CIP	Career Cluster	Gender Classification			
	Agricultural and Natural Resources Technologies						
A15100	Agribusiness Tech	01.0102	Agriculture, Food & Natural Resources	F			
A15280	Applied Animal Science Tech	01.0302	Agriculture, Food & Natural Resources	F			
A15120	Aquaculture Tech	01.0303	Agriculture, Food & Natural Resources	F			
A15250	Brewing, Distillation, & Fermentation	01.0401	Agriculture, Food & Natural Resources	F			
A15170	Equine Business Tech	01.0307	Agriculture, Food & Natural Resources	F			
A15190	Equine Training Tech	01.0507	Agriculture, Food & Natural Resources	*			
A15160	Fish & Wildlife Mgt Tech	03.0601	Agriculture, Food & Natural Resources	F			
A15200	Forestry Mgt Tech	03.0511	Agriculture, Food & Natural Resources	*			
A15230	Golf Course Mgt Tech	31.0302	Agriculture, Food & Natural Resources	#			
C15220	Greenhouse & Grounds Maintenance	01.0604	Agriculture, Food & Natural Resources	F			
A15240	Horticulture Tech	01.0601	Agriculture, Food & Natural Resources	F			
A15260	Landscape Gardening	01.0605	Agriculture, Food & Natural Resources	F			
A15310	Marine Science	26.1302	Agriculture, Food & Natural Resources	*			
A15320	Marine Tech	03.0301	Agriculture, Food & Natural Resources	F			
A15130	Poultry Mgt Tech	01.0907	Agriculture, Food & Natural Resources	F			
A15410	Sustainable Agriculture	01.0308	Agriculture, Food & Natural Resources	#			
A15150	Swine Mgt Tech	01.0906	Agriculture, Food & Natural Resources	F			
A15420	Turfgrass Mgt Tech	01.0607	Agriculture, Food & Natural Resources	F			
A15430	Viticulture & Enology Tech	01.0309	Agriculture, Food & Natural Resources	#			
	Biologica	l and Chemic	al Technologies				
A20110	Agricultural BioTech	26.0308	Science, Tech, Engineering & Math	*			
A20130	Alternative Energy Tech: Biofuels	47.0614	Science, Tech, Engineering & Math	F			
A20260	Aquarium Science Tech	26.0799	Science, Tech, Engineering & Math	*			
A20180	Biopharmaceutical Tech	15.0612	Science, Tech, Engineering & Math	F			
A20100	Biotechnology	26.1201	Science, Tech, Engineering & Math	*			
A20120	Chemical Tech	41.0301	Science, Tech, Engineering & Math	F			
A20150	Environmental BioTech	40.0509	Science, Tech, Engineering & Math	#			
A20230	Environmental Mgt Tech	03.0101	Science, Tech, Engineering & Math	F			
A20140	Environmental Science Tech	03.0103	Science, Tech, Engineering & Math	F			
A20240	Invasive Species Mgt Tech	03.0204	Science, Tech, Engineering & Math	F			
A20160	Laboratory Tech	41.0101	Science, Tech, Engineering & Math	*			
A20170	Marine Biotechnology	26.1304	Science, Tech, Engineering & Math	*			
A20190	Nanotechnology	15.1601	Science, Tech, Engineering & Math	#			
A20250	Zoological Science Tech	26.0709	Science, Tech, Engineering & Math	*			
	B	usiness Techr	nologies				
A25100	Accounting	52.0301	Finance	*			
A25120	Business Administration	52.0201	Business Management & Administration	F			
A2512A	BA/Banking & Finance	52.0803	Business Management & Administration	M			

M – Male Underrepresented, F – Female Underrepresented, * – Gender Neutral, # - Not Included

Program Code	Program Title	CIP	Career Cluster	Gender Classification
A2512B	BA/Customer Service	52.0411	Business Management & Administration	M
A2512I	BA/Electronic Commerce	52.0208	Business Management & Administration	*
A2512C	BA/Human Resources Mgt	52.1001	Business Management & Administration	*
A2512D	BA/International Business	52.1101	Business Management & Administration	F
A2512K	BA/Import Export Compliance	52.1403	Business Management & Administration	*
A2512E	BA/ Logistics Mgt	52.0203	Business Management & Administration	F
A2512F	BA/Marketing & Retailing	52.1401	Business Management & Administration	*
A2512G	BA/Operations Mgt	52.0205	Business Management & Administration	F
A2512H	BA/Public Administration	44.0401	Business Management & Administration	F
A2512J	BA/Shooting & Hunting Sports Mgt	52.0201	Business Management & Administration	F
A25350	Business Analytics	52.1301	Information Technology	*
A25260	Computer Information Tech	11.0103	Information Technology	F
A25130	Computer Programming	11.0201	Information Technology	F
A25500	Computer Tech Integration	11.0103	Information Technology	F
A25140	Court Reporting & Captioning	22.0303	Business Management & Administration	М
A25150	Database Mgt	11.0802	Information Technology	*
A25210	Digital Media Tech	11.0899	Information Technology	*
A25190	Entertainment Technologies	10.0203	Information Technology	F
A25490	Entrepreneurship	52.0701	Business Management & Administration	F
A25330	Financial Services	52.0803	Finance	М
A25250	Gaming Mgt	52.0999	Business Management & Administration	*
A25170	Global Logistics Tech	52.0203	Transportation, Distribution & Logistics	F
A25510	Healthcare Business Informatics	51.0709	Information Technology	*
A25200	Healthcare Mgt Tech	51.0705	Business Management & Administration	М
C25220	Health Unit Coordinator	51.0703	Business Management & Administration	М
A25230	High Performance Computing	11.0199	Information Technology	*
A25110	Hospitality Mgt	52.0909	Hospitality & Tourism	#
A25270	Information Systems Security	11.1003	Information Technology	F
A2527B	Information Systems Security/Security Hardware	11.1003	Information Technology	F
C25280	Insurance	52.1701	Information Technology	*

Program Code	Program Title	CIP	Career Cluster	Gender Classification
A25310	Medical Office Administration	51.0705	Business Management & Administration	М
D25320	Medical Transcription	51.0708	Business Management & Administration	F
A25340	Networking Tech	11.0901	Information Technology	*
A25410	Nonprofit Leadership & Mgt	52.0206	Business Management & Administration	*
A25370	Office Administration	52.0204	Business Management & Administration	*
A2537A*	Office Administration/Legal	22.0301	Business Management & Administration	М
A2537B	Office Administration/Virtual Office Assistance	52.0204	Business Management & Administration	*
A25380	Paralegal Tech	22.0302	Law, Public Safety, Corrections & Security	М
A25390	Project Mgt Tech	52.0201	Business Management & Administration	F
A25400	Real Estate	52.1501	Marketing	*
A25420	Real Estate Appraisal	52.1501	Marketing	*
A25450	Simulation & Game Development	50.0411	Information Technology	#
A25440	Travel & Tourism Tech	52.1905	Hospitality & Tourism	*
A25460	Voice Writing Realtime Reporting	22.0303	Business Management & Administration	М
C25480	Real Estate Licensing	52.1501	Marketing	*
A25290	Web Technologies	11.0401	Information Technology	F
	Commercial and	Artistic Pro	duction Technologies	<u> </u>
A30100	Advertising & Graphic Design	50.0402	Arts, A/V Technology& Communications	*
A30120	Broadcasting & Production Tech	10.0202	Arts, A/V Technology& Communications	F
A30130	Digital Effects & Animation Tech	10.0304	Arts, A/V Technology& Communications	*
A30140	Film & Video Production Tech	50.0602	Arts, A/V Technology& Communications	F
A30160	Fine & Creative Woodworking	48.0701	Arts, A/V Technology& Communications	F F
A30180	Graphic Arts & Imaging Tech	50.0409	Arts, A/V Technology& Communications	*
A3018A	Graphic Arts & Imaging Tech Graphic Arts & Imaging Tech/Flexography	10.0301	Arts, A/V Technology& Communications	*
A30200	Gunsmithing	47.0402	Manufacturing	F
D30210	Gunsmithing	47.0402	Manufacturing	F
A30220	Interior Design	50.0408	Architecture & Construction	*
		+		*
D30240	Metal Engraving	50.0713	Arts, A/V Technology& Communications	4
A30280	Photographic Tech	10.0201	Arts, A/V Technology& Communications	F
A3028A	Photographic Tech/Biocommunications Photography	10.0201	Arts, A/V Technology& Communications	F
A3028B	Photographic Tech/Commercial Photography	50.0406	Arts, A/V Technology& Communications	*
A3028C	Photographic Tech/Photojournalism	09.0404	Arts, A/V Technology& Communications	F
A3028D	Photographic Tech/Portrait Studio Mgt	10.0201	Arts, A/V Technology& Communications	F
A30290	Professional Arts & Crafts: Sculpture	50.0709	Arts, A/V Technology& Communications	*
A30300	Professional Crafts: Clay	50.0201	Arts, A/V Technology& Communications	*
A30320	Professional Crafts: Fiber	50.0712	Arts, A/V Technology& Communications	*
. 155525	Stessional States Fiber	50.0713	Arts, A/V Technology& Communications	*

M – Male Underrepresented, F – Female Underrepresented, * – Gender Neutral, # - Not Included

Program Code	Program Title	CIP	Career Cluster	Gender Classification
A30360	Professional Crafts: Wood	50.0201	Arts, A/V Technology& Communications	F
D30380	Taxidermy	01.0508	Arts, A/V Technology& Communications	*
		struction Tec		•
A35100	Air Conditioning, Heating & Refrig Tech	47.0201	Architecture & Construction	F
D35120	Boat Building	46.0201	Architecture & Construction	F
A35140	Building Construction Tech	46.0499	Architecture & Construction	F
D35160	Cabinetmaking	48.0703	Architecture & Construction	F
D35180	Carpentry	46.0201	Architecture & Construction	F
A35200	Commercial Refrigeration Tech	47.0201	Architecture & Construction	F
A35190	Construction Mgt Tech	46.0401	Architecture & Construction	F
A35230	Electric Line Construction Tech	46.0303	Architecture & Construction	F
A35130	Electrical Systems Tech	46.0302	Architecture & Construction	F
D35240	Heavy Equipment Operator	49.0202	Architecture & Construction	F
A35110	Historic Preservation Tech	30.1201	Architecture & Construction	*
D35280	Masonry	46.0101	Architecture & Construction	F
D35300	Plumbing	46.0503	Architecture & Construction	F
	Engi	ineering Tecl	nnologies	
A40130	Applied Engineering Tech	15.0000	Science, Tech, Engineering & Math	*
A40100	Architectural Tech	15.0101	Architecture & Construction	F
A40120	Automation Engineering Tech	15.0406	Science, Tech, Engineering & Math	#
A40140	Civil Engineering Tech	15.0201	Science, Tech, Engineering & Math	F
A40160	Computer Engineering Tech	15.1201	Science, Tech, Engineering & Math	F
A40180	Electrical Engineering Tech	15.0399	Science, Tech, Engineering & Math	F
A40200	Electronics Engineering Tech	15.0303	Science, Tech, Engineering & Math	F
A40150	Environmental Engineering Tech	15.0507	Science, Tech, Engineering & Math	F
A40420	Geomatics Tech	15.1102	Science, Tech, Engineering & Math	F
A40110	Geospatial Mapping Tech	45.0702	Science, Tech, Engineering & Math	F
A40220	Geospatial Tech	45.0702	Science, Tech, Engineering & Math	F
A40240	Industrial Engineering Tech	15.0612	Manufacturing	F
A40260	Landscape Architecture Tech	04.0601	Architecture & Construction	F
A40280	Laser & Photonics Tech	15.0304	Science, Tech, Engineering & Math	F
A40290	Low Impact Development	15.0599	Architecture & Construction	F
A40320	Mechanical Engineering Tech	15.0805	Science, Tech, Engineering & Math	F
A40350	Mechatronics Engineering Tech	15.0403	Science, Tech, Engineering & Math	*
A40370	Sustainability Technologies	15.0503	Science, Tech, Engineering & Math	F
A40400	Telecommunications & Network Eng Tech	15.0305	Science, Tech, Engineering & Math	F
		Health Scie	nces	I .
A45110	Associate Degree Nursing	51.3801	Health Science	#
A45130	Cancer Information Mgt	51.0706	Health Science	*
D45140	Cardiovascular/Vascular Interventional Tech	51.0901	Health Science	*
A45160	Cardiovascular Sonography	51.0999	Health Science	*
A45170	Cardiovascular Tech (Invasive & Non- Invasive)	51.0901	Health Science	*
C45180	Central Sterile Processing	51.1012	Health Science	#
A45190	Clinical Trials Research Associate	51.0719	Health Science	#
D45200	Computed Tomography & Magnetic Resonance Imaging Tech	51.0999	Health Science	*

M – Male Underrepresented, F – Female Underrepresented, * – Gender Neutral, # - Not Included

Program Code	Program Title	CIP	Career Cluster	Gender Classification
C45220	CytoTech	51.1002	Health Science	М
D45240	Dental Assisting	51.0601	Health Science	M
A45260	Dental Hygiene	51.0602	Health Science	M
A45280	Dental Laboratory Tech	51.0603	Health Science	*
D45300	Dialysis Tech	51.1011	Health Science	M
A45310	Dietetic Technician	51.3104	Health Science	M
A45320	Electroneurodiagnostic Tech	51.0903	Health Science	*
A45340	Emergency Medical Science	51.0904	Health Science	F
D45910	Emergency Medical Science	51.0904	Health Science	F
A45630*	Health & Fitness Science	31.0599	Human Services	#
A45430	Healthcare Interpreting	16.0103	Human Services	#
C45350	Health Care Tech	51.9999	Health Science	*
A45360	Health Information Tech	51.0707	Health Science	M
A45370	HistoTech	51.1007	Health Science	M
A45380	Human Services Tech	51.1599	Health Science	*
A4538A	Human Services Tech/Developmental Disabilities	51.1599	Health Science	*
A4538F	Human Services Tech/Animal Assisted Interactions	51.2313	Health Science	#
A4538B	Human Services Tech/Gerontology	19.0702	Health Science	*
A4538C	Human Services Tech/Mental Health	51.1599	Health Science	*
A4538D	Human Services Tech/Social Services	51.1599	Health Science	*
A4538E	Human Services Tech/Substance Abuse	51.1501	Health Science	M
A45410	Interventional Cardiac & Vascular Tech	51.0901	Health Science	*
C45390	Licensed Practical Nurse Refresher	51.3901	Health Science	#
A45800	Magnetic Resonance Imaging	51.0920	Health Science	#
C45380	Mammography	51.0919	Health Science	#
A45400	Medical Assisting	51.0801	Health Science	М
D45920	Medical Assisting	51.0801	Health Science	М
D45450	Medical Dosimetry	51.0907	Health Science	М
A45420	Medical Laboratory Tech	51.1004	Health Science	М
A45810	Medical Product Safety & Pharmacovigilance	51.2099	Health Science	*

M – Male Underrepresented, F – Female Underrepresented, * – Gender Neutral, # - Not Included

Program Code	Program Title	CIP	Career Cluster	Gender Classification
A45440	Medical Sonography	51.0910	Health Science	*
A45460	Nuclear Medicine Tech	51.0905	Health Science	*
C45480	Nursing Assistant	51.3902	Health Science	#
D45930	Nursing Assistant	51.3902	Health Science	#
A45500	Occupational Therapy Assistant	51.0803	Health Science	M
D45510	Ophthalmic Medical Assistant	51.1803	Health Science	M
C45520	Optical Apprentice	51.1802	Health Science	M
C45540	Optical Laboratory Mechanics	51.1006	Health Science	*
A45560	Opticianry	51.1801	Health Science	*
A45580	Pharmacy Tech	51.0805	Health Science	M
D45940	Pharmacy Tech	51.0805	Health Science	М
C45600	Phlebotomy	51.1009	Health Science	*
D45950	Phlebotomy	51.1009	Health Science	*
A45620	Physical Therapist Assistant (2-yr program)	51.0806	Health Science	M
A45640	Physical Therapist Assistant (11)	51.0806	Health Science	М
C45650	Polysomnography	51.0917	Health Science	#
A45670	Polysomnography	51.0917	Health Science	#
D45820	Positron Emission Tomography	51.0999	Health Science	*
D45660	Practical Nursing	51.3901	Health Science	#
A45680	Radiation Therapy Tech	51.0907	Health Science	М
A45700	Radiography	51.0911	Health Science	*
A45720	Respiratory Therapy	51.0908	Health Science	М
A45730	Speech-Language Pathology Assistant	51.0816	Health Science	#
A45740	Surgical Tech	51.0909	Health Science	М
A45750	Therapeutic Massage	51.3501	Health Science	М
D45960	Therapeutic Massage	51.3501	Health Science	M
A45770*	Therapeutic Recreation Assistant	51.2309	Health Science	M
A45780	Veterinary Medical Tech	51.0808	Health Science	M
	In	dustrial Tech		
A50450	Aerostructure Manufacturing & Repair	15.0801	Manufacturing	F
A50100	Biomedical Equipment Tech	15.0401	Science, Tech, Engineering & Math	F
A50440	Bioprocess Tech	15.0613	Manufacturing	F

M-Male Underrepresented, F-Female Underrepresented, *-Gender Neutral, #-Not Included

Program Code	Program Title	CIP	Career Cluster	Gender Classification
A50150	Computer-Aided Drafting Tech	15.1302	Science, Tech, Engineering & Math	F
A50210*	Computer-Integrated Machining	48.0503	Manufacturing	F
A50130	Electrical Power Production Tech	46.0301	Science, Tech, Engineering & Math	F
A50510	Electric Utility Substation & Relay Tech		Architecture & Construction	#
A50160	Environment, Health, & Safety Tech	15.0701	Manufacturing	*
A50190	Facility Maintenance Tech	46.0401	Manufacturing	F
D50170	Facility Maintenance Worker	46.0401	Manufacturing	F
A50180	Furniture Production Tech	48.0702	Manufacturing	F
A5018A	Furniture Product Tech/Design & Product Develop	48.0199	Manufacturing	#
D50220	Furniture Upholstery	48.0303	Manufacturing	F
C50200	Furniture Production Worker (Prison Only)	48.0702	Manufacturing	F
A50240	Industrial Systems Tech	15.0499	Manufacturing	F
A50260	Industrial Mgt Tech	52.0205	Manufacturing	F
A50320	Manufacturing Tech	15.0699	Manufacturing	F
A50340	Mechanical Drafting Tech	15.1306	Science, Tech, Engineering & Math	F
A50350	Nondestructive Examination Tech	41.0204	Manufacturing	*
A50460*	Nuclear Tech	41.0205	Science, Tech, Engineering & Math	F
A50430	Pulp & Paper Production Tech	03.0509	Manufacturing	F
A50550	Quality Assurance & Continuous Improvement	15.0702	Manufacturing	*
D50380	Telecommunications Installation & Maintenance	47.0199	Arts, A/V Technology& Communications	F
C50400	Upholstery Production Worker Cutting, Sewing & Pattern Making (Prison Only)	48.0303	Manufacturing	F
C50410	Upholstery Production Worker Spring- Up & Upholstery (Prison Only)	48.0303	Manufacturing	F
A50420	Welding Tech	48.0508	Manufacturing	F
		Service Te		
A55100	Animal Care & Mgt Tech	01.0599	Agriculture, Food & Natural Resources	*
A55130	Baking & Pastry Arts	12.0501	Hospitality & Tourism	*
A55110	Barbering	12.0402	Human Services	F
C55120	Basic Law Enforcement Training	43.0107	Law, Public Safety, Corrections & Security	F
A55370	Community Spanish Interpreter	16.0103	Education & Training	#
A55140	Cosmetology	12.0401	Human Services	M
C55160	Cosmetology Instructor	12.0413	Human Services	М
A55180	Criminal Justice Tech	43.0104	Law, Public Safety, Corrections & Security	F
A5518A	Criminal Justice Tech/Latent Evidence	43.0106	Law, Public Safety, Corrections & Security	*
A5518B	Crim Justice Tech/Financial Crime/Comp Fraud	43.0199	Law, Public Safety, Corrections & Security	*
A55150*	Culinary Arts	12.0503	Hospitality & Tourism	F
A55210	Cyber Crime Tech	43.0116	Information Technology	#
A55220	Early Childhood Education	13.1210	Education & Training	M
A55460*	Emergency Mgt	43.0302	Human Services	#
C55270	Esthetics Instructor	12.0413	Human Services	M
C55230	Esthetics Tech	12.0409	Human Services	*
A55240	Fire Protection Tech	43.0201	Law, Public Safety, Corrections & Security	F
D55250	Foodservice Tech	12.0508	Hospitality & Tourism	*
A55260	Funeral Service Education	12.0301	Human Services	F
A55280	General Occupational Tech	24.0102	Not Applicable	*
C55290	Infant/Toddler Care	19.0706	Education & Training	*

M-Male Underrepresented, F-Female Underrepresented, *-Gender Neutral, #-Not Included

Program Code	Program Title	CIP	Career Cluster	Gender Classification
A55300	Interpreter Education	16.1603	Education & Training	#
C55430	Lateral Entry	13.0101	Education & Training	*
A55310	Library & Information Tech	25.0301	Education & Training	M
C55380	Manicuring Instructor	12.0413	Human Services	M
C55400	Manicuring/Nail Tech	12.0410	Human Services	M
A55320	Occupational Education Associate	13.1320	Human Services	*
A55330	Outdoor Leadership	31.0601	Education & Training	#
A55360	Recreation & Leisure Studies	31.0101	Hospitality & Tourism	*
A55410	Resort & Spa Mgt	52.0906	Hospitality & Tourism	*
C55450	School-Age Care	13.1202	Education & Training	M
A55440	School-Age Education	13.1202	Education & Training	M
	Transpo	ort Systems	Technologies	
A60410	Agricultural Systems Tech	01.0205	Transportation, Distribution& Logistics	F
D60420	Alternative Transportation Tech	47.0614	Transportation, Distribution& Logistics	F
A60190	Automotive Customizing Tech	47.0603	Transportation, Distribution& Logistics	F
D60430	Automotive Light-Duty Diesel Tech	47.0605	Transportation, Distribution& Logistics	F
A60320	Automotive Mgt	47.0603	Transportation, Distribution& Logistics	F
D60140	Automotive Restoration Tech	47.0603	Transportation, Distribution& Logistics	F
A60160	Automotive Systems Tech	47.0604	Transportation, Distribution& Logistics	F
A60150	Aviation Electronics (Avionics) Tech		Transportation, Distribution& Logistics	#
A60180	Aviation Mgt & Career Pilot Tech	49.0102	Transportation, Distribution& Logistics	F
A60200	Aviation Systems Tech	47.0607	Transportation, Distribution& Logistics	F
D60330	Boat Manufacture & Service	47.0616	Transportation, Distribution& Logistics	F
A60130*	Collision Repair & Refinishing Tech	47.0603	Transportation, Distribution& Logistics	F
A60450	Construction Equipment Systems Tech	47.0302	Transportation, Distribution& Logistics	F
A60460	Diesel & Heavy Equipment Tech	47.0613	Transportation, Distribution& Logistics	F
D60220	Marine Propulsion Systems	47.0605	Transportation, Distribution& Logistics	F
A60260	Motorcycle Mechanics	47.0611	Transportation, Distribution& Logistics	F
A60270	Motorsports Mgt Tech	52.0299	Transportation, Distribution& Logistics	*
A60400	Race Car Tech	47.0604	Transportation, Distribution& Logistics	F
D60310	Recreational Vehicle Maint & Repair Tech	47.0618	Transportation, Distribution& Logistics	#
D60280	Small Engine & Equipment Repair	47.0606	Transportation, Distribution& Logistics	F
C60300	Truck Driver Training	49.0205	Transportation, Distribution& Logistics	F

Appendix C – Perkins Online Data System Instructions

Accessing the Perkins Online Data System

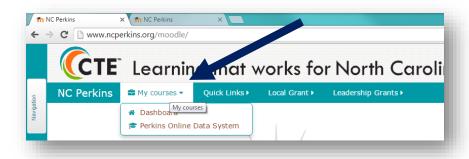
To access the Perkins Online Data System, visit www.ncperkins.org.

To login to the system, click the "login" link in the top, right corner of the page

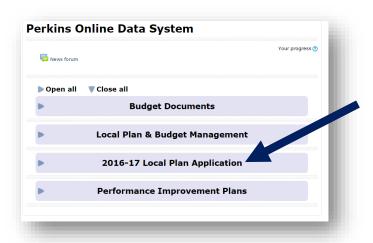
Enter the username and password provided to you during the Perkins Planning Meeting. If you did not attend the Perkins Planning Meeting, please contact Ashley Bowling at bowlinga@nccommunitycolleges.edu.



To access the Perkins Online Data System main page, click "My Courses" and then "Perkins Online Data System."



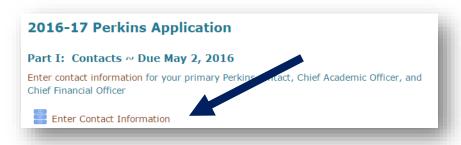
Then Click on 2016-17 Local Plan Application.



Part I – Contacts

Each college needs to provide contact information for their local Perkins coordinate, chief academic officer, and chief financial officer.

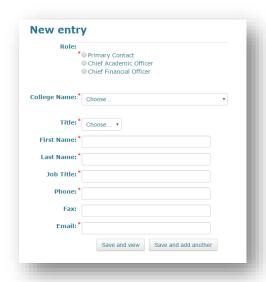
1. Click on Enter Contact Information



2. Click on Add entry



3. Enter the contact information as indicated.

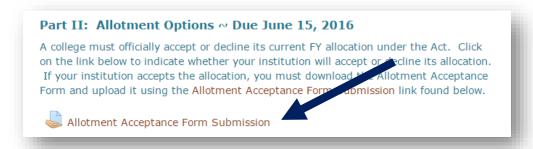


4. Click Save and view. Repeat steps 1-4 for each contact

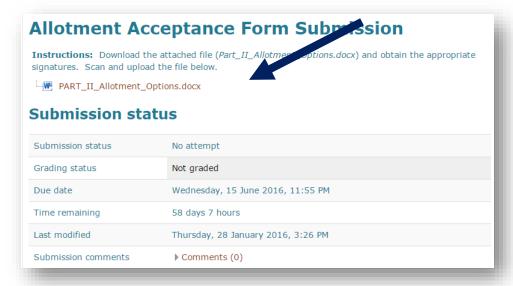
Part II – Allotment Options

A college must officially accept or decline its current FY allocation under the Act by submitting an Allotment Acceptance Form.

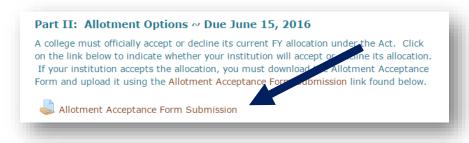
1. Click on Allotment Acceptance Form Submission



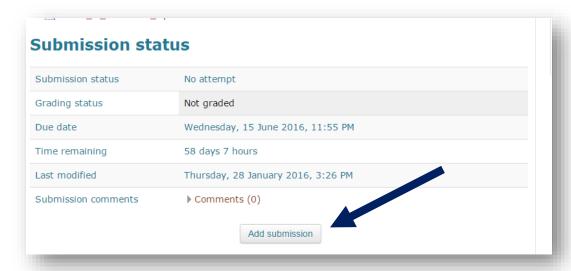
2. Download the Part_II_Alottment_Options.docx file by clicking on the link.



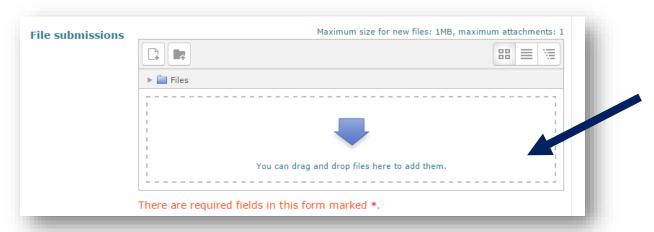
- 3. Complete the form and obtain the appropriate signatures. Scan the form as a PDF file.
- 4. Return to Moodle and click on the Allotment Acceptance Form Submission link.



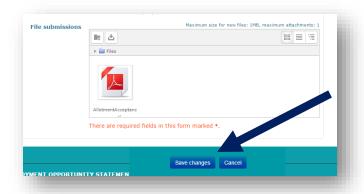
5. Click on the Add Submission button.



6. Drag and drop the PDF file into the File submission area. **Note: Older versions of Internet Explorer do not** allow drag and drop of files. We recommend that you use Chrome, Firefox or Safari for use with the **Perkins Online Data System.**



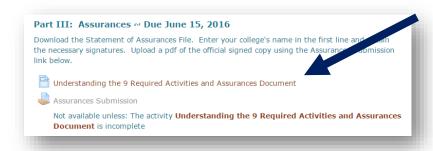
7. Once the file appears in the file submission area, click the **Save Changes** button.



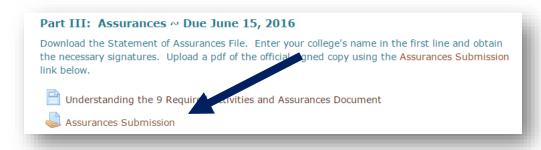
Part III - Assurances

The Assurances document is signed by the president and college board chair assuring that the funds will be spent properly and that and rules will be followed.

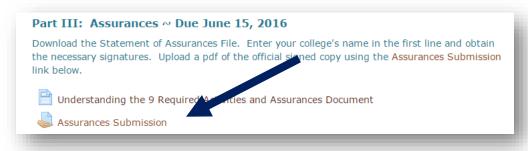
1. In order to access the Assurances form and submission link, the local contact much watch the Understanding the 9 Required Activities and Assurances video. Click the Understanding the 9 Required Activities and Assurances Document video link.



2. Once you have watched the video, return to the main page of the system. The Assurances Submission Link should now be active. Click on the **Assurances Submission** link.



- 3. Download the Part_III_Assurances.docx file, print, and obtain the appropriate signatures and scan as a PDF file
- 4. Return to the main page and click on the Assurances Submission link.



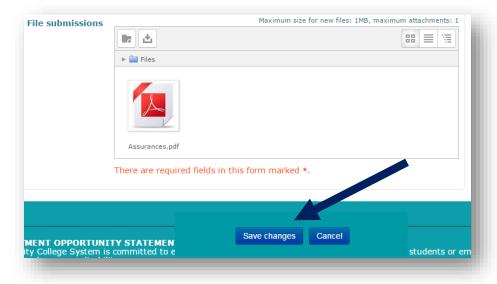
5. Click on the **Add Submission** button.



6. Drag and drop the PDF file into the File submission area. **Note: Older versions of Internet Explorer do not** allow drag and drop of files. We recommend that you use Chrome, Firefox or Safari for use with the **Perkins Online Data System.**



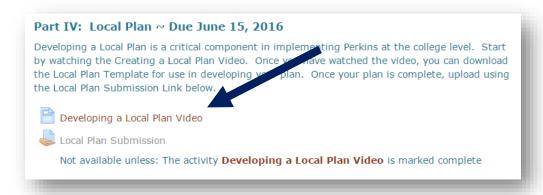
7. Once the file is visible in the file submission area, click the **Save Changes** button



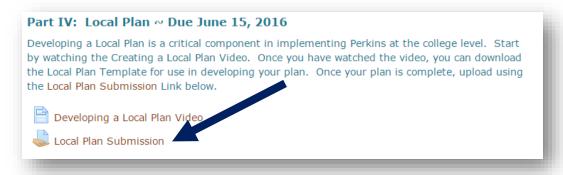
Part IV - Local Plan

1. Developing a Local Plan is a critical component in implementing Perkins at the college level. Start by watching the Developing a Local Plan video. You must watch the Developing a Local Plan video to gain

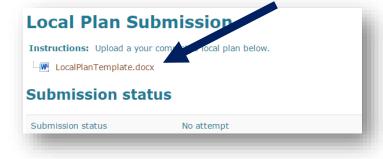
access to download the Local Plan Template and submit it. Click on the Developing a Local Plan video link to watch the video.



2. Once you have watched the video, return to the main page and click on the Local Plan Submission link.



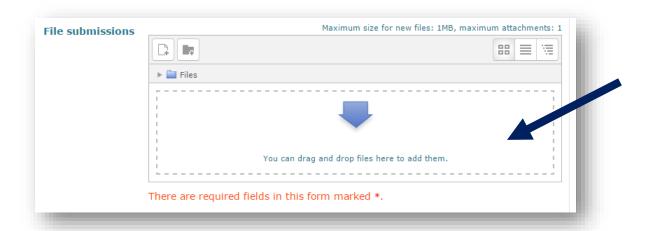
3. Download the **Local Plan Template.docx** file and complete.



4. Once your local plan is complete, return to the main page and click on the **Local Plan Submission** link.



5. Drag and drop the PDF file into the File submission area. **Note: Older versions of Internet Explorer do not** allow drag and drop of files. We recommend that you use Chrome, Firefox or Safari for use with the **Perkins Online Data System.**



6. Once the file is visible in the file is visible in the file submission area, click **Save Changes**.



Part V – Budget and Equipment

1. View the Instructions for Completing the Local Plan Budget video found in Moodle.



2. Click the Local Plan Budget Submission link.



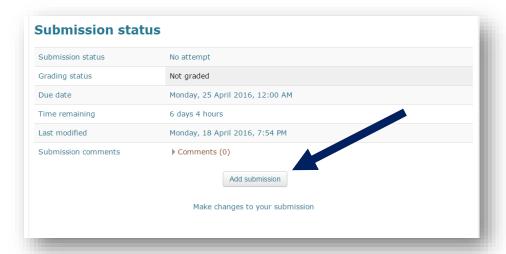
3. Download the **2016-17LocalPlanBudget.xlsx** file and complete.



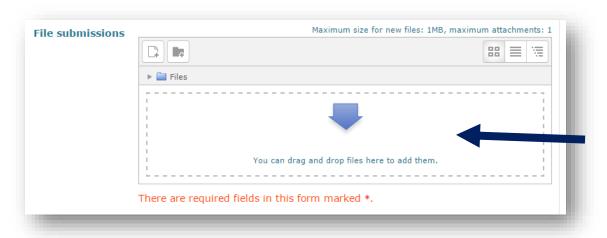
4. Once you have completed the budget, return to the main Moodle page and click on **the Local Plan Budget Submission** link



5. Click the **Add Submission** button.



6. Drag and drop the PDF file into the File submission area. **Note: Older versions of Internet Explorer do not** allow drag and drop of files. We recommend that you use Chrome, Firefox or Safari for use with the **Perkins Online Data System.**



7. Once the file appears in the file submission area, click **Save Changes**.