

NEW JERSEY DEPARTMENT OF EDUCATION OFFICE OF CAREER AND TECHNICAL EDUCATION

**APPLICATION FOR
RE- APPROVAL
OF
CAREER AND TECHNICAL EDUCATION
PROGRAMS
AND PROGRAMS OF STUDY**

DUE: December 16, 2009

NOTE: Is this a NEW CTE Program or Program of Study being submitted for approval? If so, **STOP!**

Please utilize the *Application for NEW CTE Programs and Programs of Study*, found on our website at <http://www.nj.gov/education/voc/ocprapp.htm>.

Step 1: Applicant Information

<u>Applicant:</u>		<u>Date of Application:</u> _____
<u>District Code:</u>	<u>County:</u>	<u>County Code:</u>
<u>Applicant website:</u>		
<u>Proposed CTE Program / Program of Study Name and CIP Code:</u>		
Name: _____		CIP Code: _____
<u>Program Site(s) and School Code(s) / Name of School and Address:</u>		
<u>Contact Person and Title:</u>		
<u>Contact Person Email Address:</u>		
<u>Contact Person Mailing Address:</u>		
<u>Zip Code:</u> _____	<u>Telephone # :</u> ___ - ___ - ____	<u>Extension # :</u> _____ <u>FAX # :</u> ___ - ___ - ____

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Step 2: Determining Intent and Need –

Determine the intent of the CTE program or program of study eligible for re-approval and then document the regional, statewide, and / or county demand by consulting with the applicable New Jersey [Workforce Investment Board](#) (WIB) to make them aware that the CTE program or program of study is being re – approved.

NOTE: A WIB consultation is *not* required for state agencies.

What is the intent of your CTE Program or Program of Study for your students? What are its goals and objectives?

Has there been a WIB Consultation?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<u>WIB name, WIB director, and contact information:</u>		
<u>Date WIB consulted:</u> ____ / ____ / ____	<u>Date WIB responded:</u> ____ / ____ / ____	
<u>WIB response:</u>		

NEED: Need for the CTE Program or Program of Study must be validated *by at least one of the following:*

Included in the Governor’s Economic Growth Strategy for New Jersey – (See the Five-Year Plan for Career and Technical Education FY 2008-2013 , pages 16 and 17)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Which Economic Growth Strategy(s)?		

OR

On the New Jersey Center For Occupational Employment Information's (COEI) Labor Demand List?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Applicable occupations on the COEI demand list:		

OR

Is there Local or Regional Labor Demand, validated by at least three local businesses or business associations?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
List local or regional businesses or business associations verifying demand:		

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Step 3: Advisory Committee

Provide evidence of an **Advisory Committee** whose members have substantive skills in and knowledge of the CTE program or program of study to be re-approved. The advisory committee must meet actively at least twice a year to align industry standards with the instructional program, review curriculum, evaluate program progress, and make recommendations for the re-approved CTE program or program of study.

A minimum of 5 advisory committee members is required.

You must include at least one of each of the following representatives on the advisory committee:

- a representative from business and industry and / or labor organization;
- the CTE program / program of study teacher(s);
- a school counselor; and
- a representative from a postsecondary institution *for a CTE Program of Study*.

Also include representation from special population groups, parents, students, and other community members.

Complete the chart below with this information:

<p>NOTE: The advisory committee has met at least twice before the submission of this approval application for planning purposes for the <u>CTE program or CTE program of study</u>.</p> <p>Dates Advisory Committee met: _____</p>			
Required Advisory Committee representatives	Name of Advisory Committee Members	Member Titles / Responsibilities	Member Affiliations
Business / Industry / Labor * (ONE OR MORE)			
CTE Program / Program of Study Teacher(s) *			
School Counselor *			
Postsecondary Institution **			
Special Populations			
Parent			
Student			
Other _____			

* Required for all CTE Programs and Programs of Study

** Required for CTE Programs of Study

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Step 4: Is this a CTE Program or a CTE Program of Study?

To determine if your current program is a **CTE Program** or **CTE Program of Study**, examine your program’s intended purposes below, and check () all that apply:

CTE Program	
<input type="checkbox"/> Primarily prepares students for an entry - level job in a specific occupation, or for further education;	
<input type="checkbox"/> Includes academic <i>and</i> career and technical content;	
<input type="checkbox"/> Is aligned with business and / or labor, and may incorporate postsecondary elements; and	
<input type="checkbox"/> Can lead to an industry - recognized credential or certificate <i>at the secondary level</i>.	

CTE Program of Study	
<input type="checkbox"/> Prepares students for postsecondary training, apprenticeships, postsecondary education, or a postsecondary field of study related to the program’s content;	
<input type="checkbox"/> Includes academic <i>and</i> career and technical content;	
<input type="checkbox"/> Incorporates secondary education and postsecondary education elements, requires alignment to postsecondary coursework;	
<input type="checkbox"/> Articulation to a postsecondary institution via an articulation agreement, signed annually by the chief administrators of the secondary and postsecondary institutions.	
<input type="checkbox"/> Eligible for college credit (Dual Credit – DC; Concurrent Credit – CC; or Articulated Credit - AC) if meeting the CTE program of study’s requirements, and;	
<input type="checkbox"/> Leads to an industry-recognized credential or certificate at the secondary <i>or</i> postsecondary level, <i>or</i> an associate or baccalaureate degree.	

Based on the analysis above, you are submitting for re-approval of a (check <u>one</u>)		
<input type="checkbox"/> CTE Program	OR	<input type="checkbox"/> CTE Program of Study

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Step 5: Determining the Program Name

Based on a review of both the [State's Career Clusters and Pathways](#) and the [Classification of Instructional Programs \(CIP\) 2010](#), determine the appropriate Career Cluster, Career Cluster Pathway, and name of the CTE Program or Program of Study to be re-approved. **NOTE: This should agree with page 1.**

If the applicant determines that the current program has been modified so that it does not match the original CIP Code definition, indicate the current name and CIP Code and the proposed name and CIP Code. The original CIP Code and the proposed CIP Code must be in the same Career Cluster pathway. If the cluster pathway has changed, the applicant must submit an application for a new program.

Career Cluster:
Career Cluster Pathway:
Current CTE Program / Program of Study Name and CIP Code:
Proposed CTE Program / Program of Study Name and CIP Code:

Step 6: Documentation of Program Performance – TO BE PERFORMED BY OCTE

The performance data on the approved CTE program's *Performance Levels* in comparison to the secondary **State Negotiated Levels (SNL - secondary)** over the *last three years of approved CTE program operation* will be examined and verified by the NJDOE / OCTE.

The **FY2010 State Negotiated Levels** to be used as a comparison for the CTE program requiring re- approval are:

	Academic Achievement LAL	Academic Achievement Math	Technical Skill Attainment	Industry Credential	Graduation	Place - ment	Participation Non - traditional	Completion Non - traditional
FY 2010 SNL	<u>85.00 %</u>	<u>74.00 %</u>	<u>86.92 %</u>	<u>88.91 %</u>	<u>95.00 %</u>	<u>77.00 %</u>	<u>30.00 %</u>	<u>27.77 %</u>

If the OCTE finds that the CTE program's performance is below any of the agreed - upon State Negotiated Levels, the applicant will be asked by the NJDOE / OCTE to state the strategies and activities that will be used to address and improve the CTE program's performance.

See the *Strategies and Activities* in the **Perkins One-Year Grant Application Guidelines** for the current fiscal (FY) year, available at <http://www.nj.gov/education/voc/perkins/index.html>.

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Step 7: Enrollment Data

Provide **Enrollment Data** by CTE program participants, concentrators, and completers (see the [Five-Year Plan for Career and Technical Education FY 2008-2013](#), page 133 for definitions) for the **last three years** of the approved CTE program’s operation.

Enrollment Data			
Indicate School Year	Participants	Concentrators	Completers

Step 8: Curriculum

NOTE: Curriculum should be developed and delivered according to the criteria below, but the curriculum **DOES NOT** need to be submitted for review and approval with this application for CTE program re – approval. See the *Statement of Assurances*.

A **curriculum** will be delivered in the approved CTE program or program of study to ensure that students enrolled in the CTE program or program of study will meet appropriate industry-approved and/or state or nationally - recognized skill standards and *New Jersey Core Curriculum Content Standards* through:

- i. A **coherent sequence** of not fewer than three identifiable CTE courses; or two years of CTE courses for a County Vocational – Technical School District;
- ii. **Classroom instruction combined and coordinated with field, shop, or laboratory experiences, structured learning experiences**, or other instruction/experiences which are appropriate to the competencies of the Career Cluster and Career Cluster Pathway identified in the re-approval application;
- iii. **Academic content** that is aligned to the *New Jersey Core Curriculum Content Standards* for secondary programs, found on the New Jersey Department of Education’s website at www.state.nj.us/njded/cccs/;
- iv. **Career and technical content** that meets **NJ Core Curriculum Content Standard 9.4** and industry-approved or state or nationally-recognized skill standards and/or an employer-verified industry-based skill standards lists, including: Applicable [NJ Core Curriculum Content Standards](#); content from a recognized industry association such as the [National Automotive Technicians Education Foundation](#) (ASE-NATEF) or [Automotive Youth Educational Systems](#) (AYES); content from organizations such as the [CISCO Network Academies](#), the [National Academy Foundation](#) (NAF), [National Center for Construction Education and Research](#) (NCCER), [Oracle Academies](#), [Project Lead The Way](#) (PLTW); catalogs of performance objectives; or other industry skills standards lists appropriate to the CTE program or program of study.

NOTE: Academics, technical content, and career and technical safety and health instruction **must be integrated into the CTE program or CTE program of study.**

- v. An identified and appropriate **end-of-program technical skills assessment**.
- vi. **Industry-based skill certificates**, when applicable and available;
- vii. Opportunities to participate in [Structured Learning Experiences](#) (SLEs), implemented in accordance with *N.J.A.C. 6A:19-4*;
- viii. Opportunities to participate in [Career and Technical Student Organizations](#) (CTSOs), in accordance with *N.J.A.C. 6A:19-3.3*; and
- ix. A district / agency **career and technical education safety and health plan**, in accordance with *N.J.A.C. 6A:19-6.5*.

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RESOURCES USED:

List the **academic and technical resources** used to develop and implement the curriculum that meets the above criteria.

Academic and Technical Resources Specific New Jersey Core Curriculum Content Standards and Indicators, Industry Standards, or Vendor - Developed Resources and Websites (if available)

Step 9: End-of- Program Assessment

All approved CTE programs must administer a valid and reliable third-party assessment to all program completers, where an assessment is available and appropriate. The third-party assessment is a written and/or performance assessment that may or may not result in licensure, an industry certification or a credential.

Assessment Name:	Assessment Provider:

Step 10: Course Sequence, Career and Technical Student Organization, Structured Learning Experiences, and Postsecondary Alignment Information –

On the following three - page “**Career and Technical Education Program / Program of Study Template**”, list the specific and applicable academic courses and career and technical courses, [Career and Technical Student Organization](#)(s), [Structured Learning Experience](#)(s), academic **Support Services**, and **Postsecondary Connections** that help to implement the standards and competencies to be taught in the CTE program or program of study.

NOTE: Secondary teachers for each of the required CTE Program or CTE Program of Study’s courses are required to hold the appropriate New Jersey certificate(s) and instructional endorsement(s) issued by the NJDOE Office of Licensure and Credentials.

A comprehensive and updated list of all applicable and available educational certifications and endorsements can be accessed at the [New Jersey Department of Education's Licensure and Credentials website](#).

Career and Technical Education Program / Program of Study Template

In the template below, list by grade level:

(a) The **career and technical education courses** students will take in secondary school.

NOTE: A course required of every student enrolled in the district/agency, such as “Introduction to Careers,” “Computer Literacy,” and / or “Keyboarding,” is **not acceptable for inclusion**.

(c) The **academic courses** students will complete during secondary school that are relevant to the CTE Program or Program of Study

(Example: AP Physics to a pre - engineering CTE program of study), or to earn college credits; and

(b and d) **FOR A CTE PROGRAM OF STUDY ONLY**, the **number of college credits students** will earn for these courses (if applicable); and whether these courses are offered for dual credit (DC), concurrent credit (CC), or articulated credit (AC). Example: 11th grade Advanced Engine Technology, 3 dual credits; 12th grade Robotics, 5 high school credits)

NOTE: **County Vocational School Districts ONLY**, indicate if the district operates the CTE program or Program of Study as a (check all that apply):

Shared -- Time

Full – Time

	CAREER & TECHNICAL COURSES		ACADEMIC COURSES	
Grade Level	(a) <u>Career and Technical Education courses</u> . Include the length of courses and delivery format (semester / year; traditional – block - intensive scheduling)	(b) <u>For a CTE Program of Study, College Credit / Type and amount of postsecondary credit if applicable (DC, CC, AC)</u>	(c) <u>Academic Courses</u> relevant to the content area of the CTE program of study. Include the length of courses and delivery format (semester / year; traditional – block - intensive scheduling)	(d) <u>For a CTE program of study, College Credit / Type and amount if applicable (DC, CC, AC)</u>
9				
10				
11				
12				

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In the template below, list the Structured Learning Experiences, Career and Technical Student Organizations (CTSOs), Support Services, and Business / Labor Partnerships.

The appropriate <u>Structured Learning Experiences</u> planned for the CTE Program or Program of Study:			
The <u>Career and Technical Student Organization</u> (CTSO) operating in conjunction with this CTE Program or Program of Study (CHECK CORRECT CTSO BELOW)			
<input type="checkbox"/> DECA (Marketing Education)	<input type="checkbox"/> FBLA-PBL (Business Education)	<input type="checkbox"/> FCCLA (Family, Home, & Consumer Sciences)	<input type="checkbox"/> FFA (Agricultural Education)
<input type="checkbox"/> HOSA (Health Occupations Education)	<input type="checkbox"/> TSA (Technology Education)	<input type="checkbox"/> SkillsUSA (Trade & Technical Education)	
Describe the <u>Academic Support Services and Programs</u> offered to students to support, accelerate, or enhance academic performance that are applicable to the CTE Program or Program of Study:			

<u>Business / Labor Partnerships:</u> Describe the relevant business and labor partnerships / linkages to be utilized for the CTE Program or Program of Study.	
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FOR A CTE PROGRAM OF STUDY ONLY, in the template below, list information on the:

CTE Program of Study Postsecondary Partnerships / Connections.

Postsecondary Partnerships/Connections: List the Postsecondary County Vocational Schools (CVS), Apprenticeship Sponsors, Approved Private Training Providers, County College(s), and/or four - year colleges or universities to which the applicant has aligned coursework via the development of an articulation agreement for the CTE Program of Study. Indicate the industry credential, certificate program, or postsecondary degree with corresponding major that students can pursue that align with the secondary CTE Program of Study. There **MUST** be at least one current signed articulation agreement established. **Attach the current articulation agreement(s), signed by the superintendent and the college president, with your completed application for approval.**

Postsecondary Connections	Postsecondary CVS/Apprenticeship Sponsor/ Approved Private Training Provider/County College / Four-Year College/University	Name of the Industry Credential, Certificate Program, or Postsecondary Degree with corresponding postsecondary major
	<input type="checkbox"/> Articulation agreement attached	<input type="checkbox"/> Industry credential: _____ <input type="checkbox"/> Certificate program: _____ <input type="checkbox"/> Associates degree / major: _____ <input type="checkbox"/> Baccalaureate degree / major: _____
	<input type="checkbox"/> Articulation agreement attached	<input type="checkbox"/> Industry credential: _____ <input type="checkbox"/> Certificate program: _____ <input type="checkbox"/> Associates degree / major: _____ <input type="checkbox"/> Baccalaureate degree / major: _____
	<input type="checkbox"/> Articulation agreement attached	<input type="checkbox"/> Industry credential: _____ <input type="checkbox"/> Certificate program: _____ <input type="checkbox"/> Associates degree / major: _____ <input type="checkbox"/> Baccalaureate degree / major: _____
	<input type="checkbox"/> Articulation agreement attached	<input type="checkbox"/> Industry credential: _____ <input type="checkbox"/> Certificate program: _____ <input type="checkbox"/> Associates degree / major: _____ <input type="checkbox"/> Baccalaureate degree / major: _____

**NEW JERSEY DEPARTMENT OF EDUCATION
OFFICE OF CAREER AND TECHNICAL EDUCATION**

Career and Technical Education Program and Program of Study Statement of Assurances

THE SCHOOL DISTRICT / AGENCY / CHARTER SCHOOL / APPROVED PRIVATE SCHOOL FOR THE DISABLED HEREBY ASSURES THE COMMISSIONER OF EDUCATION OF THE STATE OF NEW JERSEY THAT:

The applicant will comply with all provisions of the [Carl D. Perkins Career and Technical Education Improvement Act of 2006 \(Perkins IV; P.L. 109-270\)](#), the [Five-Year Plan for Career and Technical Education FY 2008-2013](#), [New Jersey Statutes Annotated \(N.J.S.A.\) 18A:54](#), [New Jersey Administrative Code \(N.J.A.C.\) Title 6A:19](#), and all other related N.J.A.C. sections noted below relating to all requirements for career and technical education (CTE) programs and / or CTE programs of study and the elements addressed and included in the application submitted for department re-approval, which also include the following to be kept on file for review by the NJDOE upon request:

1. Documentation of the **need** for the CTE program or program of study (regional, statewide, and / or county demand), that includes evidence that the district / agency has consulted with the appropriate **Workforce Investment Board (WIB)**; (see <http://www.njsetc.net/boards/names.htm>).
2. Documentation of **advisory committee membership** and **membership affiliations**, and **advisory committee meetings**, which include advisory committee meeting schedules, meeting minutes, and notes.
3. Documentation of the required and appropriate **certification / endorsements** of instructional staff [*N.J.A.C. 6A:8(a)5*], which is available at <http://www.nj.gov/education/educators/license/certandend.htm>.
4. Documentation and evidence of **program admission requirements** that include provisions for **access** to approved CTE programs or programs of study for all populations, including special populations and special education students [*N.J.A.C. 6A:19-3.1(a)3*].
5. The provision of **curricula** that includes a **coherent sequence of courses** which incorporate the necessary academic and technical content, the integration of applied academics, structured learning experiences, and Career and Technical Student Organizations (CTSOs) [*N.J.A.C. 6A:19-3.*, *N.J.A.C. 6A:19-4*, and *N.J.A.C. 6A:19-3.3*].
6. Documentation of **course scheduling practices** that will allow opportunities for students participating and / or concentrating in the approved CTE program or program of study to complete the CTE program or program of study.
7. Provisions to allocate **adequate resources** required to operate the CTE program or program of study, including **sufficient and appropriate instructional and support staff, facilities, supplies, and equipment** [*N.J.A.C. 6A:19-3.1(a)7*].
8. Documentation of a **Career and Technical Safety and Health Plan** [*N.J.A.C. 6A:19-6.5*].
9. Documentation of a plan for the recruitment, participation, and the adequate provision of program services and supports of special education students and students who are members of special populations [*N.J.A.C. 6A:19-3.5*, *N.J.A.C. 6A:14*, *N.J.A.C. 6A:15*, and other relevant New Jersey State and Federal laws and regulations] in the approved CTE program or program of study.
10. Evidence of a **school counseling program** in the school district or agency which can provide related services via a competency-based, comprehensive developmental career guidance and counseling program (<http://www.nj.gov/njded/voc/cmajors.htm>) that facilitates career awareness and exploration for all students in the school district or agency (*N.J.A.C. 6A:8-3.2* and *N.J.A.C. 6A:19-3.6*).

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- 11.** Procedures in place for the **evaluation of student and program performance data** and methods projected to improve the CTE program or program of study based on evaluation results (*N.J.A.C. 6A:19-5.1* and *N.J.A.C. 6A:19-5.2*). The career and technical education program or program of study is designed to ensure that all of the state-adjusted levels of performance are met. CTE students should be taught to the same standards and rigor as all other students in the district or agency.

- 12.** Documentation that each of the elements listed in the application for re-approval of the school district or agency's CTE program or program of study are being met by the applicant after approval is granted by the New Jersey Department of Education.

County Code	County Name	Name of School District / Agency
Signature, Chief School Administrator / Agency Head		Date

Upon approval of the CTE program or CTE program of study, the New Jersey Department of Education Office of Career and Technical Education will identify the appropriate **career cluster**, **career cluster pathway** and **career and technical education program or program of study title**, and assign an appropriate **Classification of Instructional Programs (CIP 2010) Code or Codes**, and will include this information in the letter to the district / agency.

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CTE Program / Program of Study Submission Instructions and Review Process/Notification

A New Jersey school district, state agency, approved charter school, or an approved private school for students with disabilities intending to continue to offer a CTE program or program of study, and that seeks to place or supervise students in apprenticeship training or cooperative education experiences, and/or apply for or receive Carl D. Perkins funds to support the CTE program or program of study, must develop the CTE program or program of study while meeting the requirements established by the New Jersey Department of Education, and must apply to the department for reapproval of the CTE program or program of study every five years.

Address each of the applicable steps that are included in the **Application for Re-approval of Career and Technical Education Programs and Programs of Study**. Provide only the information requested.

PLEASE DO NOT AMEND OR ALTER THE FORMAT OF THIS APPLICATION

Submit the completed pages of this document, including the signed and dated **Career and Technical Education Program and Program of Study Statement of Assurances**, as well as any signed articulation agreements, to the New Jersey Department of Education, [Office of Career and Technical Education](#) (NJDOE/OCTE).

Mail the original and one copy of the application and supporting documentation to:

Marie Barry, Director
Office of Career and Technical Education
New Jersey Department of Education
P.O. Box 500, 100 River View Executive Plaza
Trenton, New Jersey 08625 – 0500
(<http://www.nj.gov/njded/voc/>)

1. The request will be reviewed by the director or the director's designee. If the documentation submitted is incomplete or does not meet the criteria, remediation requests will be provided to the applicant. The applicant will be requested to revise and resubmit the application.
2. When the director or the director's designee determines that the application is complete and meets all of the criteria, the Office of Career and Technical Education shall then approve the request for approval. Approval is granted for a period of five years from the fiscal year of CTE program approval.
3. The director will notify the district board of education or agency of the application's status within 10 days of approval, via correspondence which includes the career cluster, cluster pathway name, and applicable CIP Code(s).
4. Applicants that are denied approval may appeal the decision to the Commissioner of Education. The commissioner's decision may be appealed as set forth in N.J.A.C. 6A:3-1.4, Controversies and Disputes.

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APPROVAL AND RE-APPROVAL OF CAREER AND TECHNICAL EDUCATION PROGRAMS AND PROGRAMS OF STUDY FOR NEW JERSEY SCHOOL DISTRICTS / AGENCIES

- Introduction and Background -

The New Jersey Department of Education's Office of Career and Technical Education (OCTE) has developed a revised framework of career and technical education that is detailed in the [Five-Year Plan for Career and Technical Education FY 2008-2013](#). The core of this framework is a strong academic component to ensure that all students have a broad, relevant, and rigorous education to help them develop a vision for their future that will afford them flexibility in their later career and educational choices. This academic core is coupled with a strong technical skills training component to allow students the opportunity to further develop competence and to best express their unique interests and talents. Together, the rigorous academic core and high-level technical skills component focused on bettering our world will help students build character to help them successfully meet the increasing demands of our challenging global social and economic times.

The framework of New Jersey Career and Technical Education includes *Career and Technical Education Programs and Programs of Study*. The [Carl D. Perkins Career and Technical Education Improvement Act of 2006 \(Perkins IV; P.L. 109-270\)](#) required states to describe the Career and Technical Education *Programs* and *Programs of Study* that may be adopted by local education agencies and postsecondary institutions to be offered as an option to students.

A Career and Technical Education (CTE) *Program* consists of a coherent sequence of academic and career and technical courses designed to provide students with the industry-based skills and knowledge needed to gain employment in a particular occupation or career area, or to pursue further education. A program offers students the opportunity to obtain entry-level employment, seek further training, and/or seek education at the postsecondary level upon the completion of their secondary education.

A CTE *Program of Study* consists of a coherent sequence of academic and career and technical courses offering students the opportunity to earn an industry-recognized credential or certificate at the secondary or postsecondary level, or an associate or baccalaureate degree related to the focus of the program of study. CTE *Programs of Study* include the following specific features, according to the *Carl D. Perkins Career and Technical Education Improvement Act* and the [Five-Year Plan for Career and Technical Education FY 2008-2013](#):

- Incorporate secondary education and postsecondary education elements;
- Includes coherent and rigorous content, aligned with challenging academic standards, and relevant career and technical content in a coordinated, non-duplicative progression of courses that align secondary education with postsecondary education to adequately prepare students to succeed in postsecondary education;
- May include the opportunity for secondary education students to participate in dual or concurrent enrollment programs or other ways to acquire postsecondary education credits; and
- Leads to an industry-recognized credential or certificate at the secondary or postsecondary level, or an associate or baccalaureate degree.

CTE Programs of Study must have an articulation agreement, signed annually by the chief administrators of the secondary and postsecondary institutions.

The term **articulation agreement** as defined in the *Carl D. Perkins Career and Technical Education Improvement Act* means a written commitment —

- (A) That is agreed upon at the State level or approved annually by the lead administrators of —
 - (i) A secondary institution and a postsecondary educational institution; or

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- (ii) A sub-baccalaureate degree granting postsecondary educational institution and a baccalaureate degree granting postsecondary educational institution; and

(B) To a program that is —

- (i) Designed to provide students with a non-duplicative sequence of progressive achievement leading to technical skill proficiency, a credential, a certificate, or a degree; and
- (ii) Linked through credit transfer agreements between two institutions described in clause (i) or (ii) of subparagraph (A) (as the case may be).

CTE Programs and **CTE Programs of Study** each incorporate and require a coherent sequence of CTE courses. A **CTE course** is an organization of subject matter and related learning experiences designed to meet a career and technical education objective provided for the instruction of students as part of an approved career and technical education program (*N.J.A.C. Title 6A:19-1.2*).

Postsecondary instructional elements are CTE and academic competencies that are taught in a context that is above and beyond New Jersey high school graduation requirements.