

Regulation 6178: Career Technical Education

Original Adopted Date: 10/17/2012 | **Last Revised Date:** 01/15/2020

New Revised Date: 06/21/2023 (Pending Board Approval)

Federal Grants for Career Technical Education (Perkins)

The district shall submit to the California Department of Education an application for a basic grant of the federal Strengthening Career and Technical Education for the 21st Century Act. The application shall address the components specified in 20 USC 2354 and any additional requirements specified in the state plan developed pursuant to 20 USC 2342.— (20 USC 2354)

The district shall conduct a needs assessment in accordance with 20 USC 2354, which shall be updated at least once every two years.— The needs assessment shall be conducted in consultation with representatives of district [career technical education \(CTE\)](#) programs, postsecondary CTE programs, state or local workforce development boards and businesses, parents/guardians, students, and other specified stakeholders.— (20 USC 2354)

To meet the needs identified in the needs assessment, the Superintendent or designee shall develop, coordinate, implement, or improve CTE programs that are of sufficient size, scope, and quality to be effective and that fulfill the following purposes:— (20 USC 2355)

1. Provide career exploration and career development activities through an organized, systematic framework designed to aid students, including students in the middle grades, in making informed plans and decisions about future education and career opportunities and programs of study. Such activities shall occur before students enroll and while they are participating in a CTE program, and may include:
 - a. Introductory courses or activities focused on career exploration and career awareness, including non-traditional fields
 - b. Readily available career and labor market information, including information on occupational supply and demand, educational requirements, other information on careers aligned to economic priorities, and employment sectors
 - c. Programs and activities related to the development of student graduation and career plans
 - d. Career guidance and academic counselors who provide information on postsecondary education and career options

- e. Any other activity that advances knowledge of career opportunities and assists students in making informed decisions about future education and employment goals, including nontraditional fields
 - f. -Activities that provide students with strong experience in, and comprehensive understanding of, all aspects of an industry
2. Provide the skills necessary to pursue careers in high-skill, high-wage, or in-demand industry sectors or occupations
 3. Integrate academic skills into CTE programs and programs of study to support participating students in meeting state academic standards
 4. Provide professional development for teachers, school leaders, administrators, specialized instructional support personnel, guidance counselors, and/or paraprofessionals, which may include the types of activities listed in 20 USC 2355
 5. Plan and carry out elements that support the implementation of CTE programs and programs of study and that result in increased student achievement. Such elements may include curriculum aligned with program requirements, sustainable relationships among community stakeholders, opportunities for students to participate in accelerated learning programs, equipment and instructional materials aligned with business and industry needs, and other activities specified in 20 USC 2355.
 6. Develop and implement evaluations of the activities funded by the grant

The district's program shall provide activities to prepare special populations for high-skill, high-wage, or in-demand industry sectors or occupations that will lead to self-sufficiency. Special populations shall be provided with equal access to CTE programs and shall not be unlawfully discriminated against.— Special populations include, but are not limited to, students with disabilities, students from economically disadvantaged families, pregnant and parenting students, out-of-work individuals, English learners, homeless students, foster youth, children of military families, and students preparing for nontraditional fields. Nontraditional fields include occupations or fields of work, including careers in computer science, technology, and other emerging high-skill occupations, for which individuals from one gender constitute less than 25 percent of the individuals employed in each such occupation or field of work.— (20 USC 2302, 2354, 2373)

Upon written request from a nonprofit private school within the geographical area served by the district, the Superintendent or designee shall consult with private school representatives in a timely and meaningful manner and may provide for the participation of private school secondary students in the district's programs and activities funded pursuant to 20 USC 2301-2414. To the extent practicable, the Superintendent or designee shall also, upon request, permit participation of CTE teachers, administrators, and other personnel from private schools in the district's ~~in-service~~ in-service and preservice professional development programs funded through such grants.— (20 USC 2397)

Linked Learning Programs

The district shall offer one or more comprehensive, multi-year linked learning programs in grades 9-12 that are organized around a broad theme, interest area, or industry sector including, but not limited to, the industry sectors identified in model standards adopted by the State Board of Education pursuant to Education Code 51226. The program shall provide all participating students with curriculum choices that prepare them for career entry and a full range of postsecondary options, including two-year and four-year colleges, apprenticeships, and formal employment training.

At a minimum, the district's linked learning program shall include:

1. An integrated core curriculum that meets the eligibility requirements for admission to the University of California (UC) and the California State University (CSU) and is delivered through project-based learning and other engaging instructional strategies that bring real-world context and relevance to the curriculum where broad themes, interest areas, and CTE are emphasized
2. An integrated technical core of a sequence of at least four related courses that may reflect CTE standards-based courses and that provide students with career skills, are aligned to academic principles, and fulfill academic core requirements described in ~~item~~ Item #1 above to the extent possible
3. A series of work-based learning opportunities that begin with mentoring and job shadowing and evolve into intensive internships, school-based enterprises, or virtual apprenticeships
4. Support services, including supplemental instruction in reading and mathematics, that help students master the advanced academic and technical content that is necessary for success in college and career

Partnership Academies

The district shall operate one or more partnership academies as a school-within-a-school focused on a broad career theme. The program shall be available to students in grades 10-12, at least half of whom shall be students who are at risk of dropping out of school as indicated by three or more of the following criteria:— (Education Code 54690-54691)

1. Past record of irregular attendance, with absence from school 20 percent or more of the school year
2. Past record of underachievement in which the student is at least one-third of a year behind the coursework for the respective grade level, or as demonstrated by credits achieved

3. Past record of low motivation or disinterest in the regular school program
4. Economic disadvantage
5. Scores below basic or far below basic on the mathematics or English language arts test of the California Assessment of Student Performance and Progress
6. A grade point average of 2.2 or below or the equivalent of a C minus

Ninth-grade teachers and counselors shall identify students eligible to participate in a partnership academy. Participating students shall be selected by academy staff from among those who have expressed an interest in the academy and whose parents/guardians have approved the student's participation.— (Education Code 54695)

The district's program shall provide:— (Education Code 54692)

1. During each regular school term, instruction in at least three academic subjects that:
 - a. Prepares students for a regular high school diploma
 - b. Where possible and appropriate, prepares students to meet subject requirements for admission to the California State University and University of California [UC and CSU](#)
 - c. Contributes to an understanding of the occupational field of the academy
2. ~~CTE~~ [CTE or science, technology, engineering, and mathematics](#) courses offered at each grade level at the academy that are part of an occupational course sequence that targets comprehensive skills and meets the criteria specified in Education Code 54692
3. Classes that are block scheduled in a cluster whenever possible to provide flexibility to academy teachers and which may vary in number during grade 12
4. A mentor from the business community for students during grade 11
5. An employer-based internship or work experience that occurs during the summer following grade 11 or during grade 12
6. Additional motivational activities with private sector involvement to encourage academic and occupational preparation

Attendance in academy classes shall be limited to students enrolled in the academy.— (Education Code 54692)

The Superintendent or designee shall establish an advisory committee consisting of individuals involved in academy operations, including district and school administrators, lead teachers, and representatives of the private sector.— (Education Code 54692)

Apprenticeship Programs

The district shall offer high school and/or adult education students a program of orientation to apprenticeships that acquaints students with a broad range of career options, provides information regarding available apprenticeship programs, and provides classroom instructional job training which guides students to a registered apprentice able occupation.

The district's program shall:

1. Introduce students to what they need to know in order to apply, test, and interview for acceptance into an apprenticeship program
2. Demonstrate the need for proficiency in reading and comprehension, mathematics, science, and technology
3. Emphasize the necessity to have the ability to communicate in reading, writing, speaking, listening, and numeration skills
4. Identify the knowledge, skills, and attitudes needed to enter and successfully complete an apprenticeship program
5. Provide an orientation to a specific craft or trade or to an industry

The district may enter into an agreement with a local business, labor or management apprenticeship committee, and/or joint labor-management apprenticeship committee that has been approved by the Department of Industrial Relations' Division of Apprenticeship Standards to sponsor an apprenticeship program in order to develop and deliver related and supplemental instruction to students participating in a registered apprenticeship program.— (Education Code 8150-8155; Labor Code 3074, 3075, 3078)

Regional Occupational Center/Program

The district shall operate and/or partner with a regional occupational center or program (ROC/P), established pursuant to Education Code 52335.12, which offers CTE courses, linked learning programs, partnership academies, and/or pre-apprenticeship and apprenticeship programs as appropriate.

Occupational course sequences offered by the ROC/P shall provide prerequisite courses needed to enter apprenticeship or postsecondary vocational certificate or degree programs, focus on occupations requiring comprehensive skills leading to high entry-level wages and/or the possibility of significant wage increases after a few years on the job, offer as many courses as possible that meet college admission requirements, and lead to attainment of an occupational skill certificate.— (Education Code 52302)

Student Organizations

The district may provide support, including supplies, materials, activities, and advisor expenses, to student organizations which engage in activities that are integral to the CTE program and provide for the development of student leadership skills.—_However, no state or federal funds shall be used to pay students' membership dues, food or lodging expenses, out-of-state travel, or the cost of a social activity or assemblage.

Policy Reference Disclaimer:

These references are not intended to be part of the policy itself, nor do they indicate the basis or authority for the board to enact this policy. Instead, they are provided as additional resources for those interested in the subject matter of the policy.

State

State	Description
5 CCR 10070-10075	Work experience education Work experience education
5 CCR 10080-10092	Community classrooms Community classrooms
5 CCR 10100-10111	Cooperative vocational education Cooperative vocational education
5 CCR 11500-11508	Regional occupational centers and programs Regional occupational centers and programs
5 CCR 11535-11538	Career technical education contracts with private postsecondary schools Career technical education contracts with private postsecondary schools
5 CCR 11610-11611	Regional adult and vocational education councils Regional adult and vocational education councils
5 CCR 1635	Credit for work experience education Credit for work experience education
5 CCR 3051.14	Specially designed career technical education for students with disabilities Specially designed career technical education for students with disabilities
8 CCR 200-240	Apprenticeships Apprenticeships
Ed. Code 1205	Classification of counties Classification of counties
Ed. Code 17078.70-17078.72	Career technical education facilities Career technical education facilities
Ed. Code 33430-33432	Health science and medical technology grants Health science and medical technology grants
Ed. Code 35168	Inventory of equipment Inventory of equipment
Ed. Code 41540-41544	Targeted instructional improvement block grant Targeted instructional improvement block grant
Ed. Code 44257.3	CTC recognition of study in linked learning teaching methods CTC recognition of study in linked learning teaching methods
Ed. Code 44260-44260.1	Designated subjects career technical education credential Designated subjects career technical education credential

Ed. Code 44260.9	Designated subjects career technical education credential Designated subjects career technical education credential
Ed. Code 48430	Continuation education schools and classes Continuation education schools and classes
Ed. Code 48980	Parent/Guardian notifications Parent/Guardian notifications
Ed. Code 51220	Course of study for grades 7-12 Course of study for grades 7-12
Ed. Code 51225.9	Courses of study, grades 7 to 12; career technical education Courses of Study, Grades 7 to 12; Career Technical Education
Ed. Code 51760-51769.5	Work experience education Work experience education
Ed. Code 52060-52077	Local control and accountability plan Local control and accountability plan
Ed. Code 52300-52499.66	Career technical education Career technical education
Ed. Code 52519-52520	Adult education; occupational training Adult education; occupational training
Ed. Code 53010-53016	California Career Pathways Trust California Career Pathways Trust
Ed. Code 53020-53025	Golden State Pathways Program Golden State Pathways Program
Ed. Code 53070-53076.4	The California Career Technical Education Incentive Grant Program The California Career Technical Education Incentive Grant Program
Ed. Code 53086	California Career Resource Network California Career Resource Network
Ed. Code 54690-54699.1	California Partnership Academies California Partnership Academies
Ed. Code 54750-54760	California Partnership Academies; green technology and goods movement occupations California Partnership Academies; green technology and goods movement occupations
Ed. Code 56363	Related services for students with disabilities; specially designed career technical education Related services for students with disabilities; specially designed career technical education
Ed. Code 66205.5-66205.9	Approval of career technical education courses for admission to California colleges Approval of career technical education courses for admission to California colleges
Ed. Code 8006-8155	Career technical education Career technical education
Ed. Code 88500-88551	Community college economic and workforce development program Community college economic and workforce development program

Gov. Code 54950-54963
Lab. Code 3070-3099.5
Lab. Code 3110-3112.1

Lab. Code 3120-3122.4
Federal

20 USC 2301-2414

20 USC 6301-6578

34 CFR 100

34 CFR 104.1-104.39

34 CFR 106.1-106.61

Management Resources

California Department of Education
Publication

California Department of Education
Publication

California Department of Education
Publication

CSBA Publication

CSBA Publication

~~The Ralph M. Brown Act~~[The Ralph M. Brown Act](#)
~~Apprenticeships~~[Apprenticeships](#)
~~Apprenticeship Innovation Funding~~
~~Program~~[Apprenticeship Innovation Funding Program](#)
~~Youth Apprenticeship~~[Youth Apprenticeship](#)

Description

~~Strengthening Career and Technical Education for the~~
~~21st Century Act~~[Strengthening Career and Technical](#)
[Education for the 21st Century Act](#)

~~Improving the Academic Achievement of the~~
~~Disadvantaged~~[Improving the Academic Achievement of](#)
[the Disadvantaged](#)

~~Appendix B Guidelines for eliminating discrimination in~~
~~career technical education programs~~[Appendix B](#)
[Guidelines for eliminating discrimination in career](#)
[technical education programs](#)

~~Section 504 of the Rehabilitation Act of 1973~~[Section 504](#)
[of the Rehabilitation Act of 1973](#)

~~Discrimination on the basis of sex; effectuating Title~~
~~IX~~[Discrimination on the basis of sex; effectuating Title IX](#)

Description

~~California Career Technical Education Model Curriculum~~
~~Standards, Grades Seven Through Twelve, January~~
~~2013~~[California Career Technical Education Model](#)
[Curriculum Standards, Grades Seven Through Twelve,](#)
[January 2013](#)

~~Career Technical Education Framework for California~~
~~Public Schools, Grades Seven Through Twelve, January~~
~~2007~~[Career Technical Education Framework for](#)
[California Public Schools, Grades Seven Through Twelve,](#)
[January 2007](#)

~~Multiple Pathways to Student Success: Envisioning the~~
~~New California High School, 2010~~[Multiple Pathways to](#)
[Student Success: Envisioning the New California High](#)
[School, 2010](#)

~~The Linked Learning Approach to High School Reform,~~
~~Governance Brief, January 2014~~[The Linked Learning](#)
[Approach to High School Reform, Governance Brief,](#)
[January 2014](#)

~~A Governance Perspective: Interviews with School Board~~
~~Members from the Nine Linked Learning Initiative School~~
~~Districts, March 2014~~[A Governance Perspective:](#)
[Interviews with School Board Members from the Nine](#)
[Linked Learning Initiative School Districts, March 2014](#)

Website	CSBA District and County Office of Education Legal Services CSBA District and County Office of Education Legal Services
Website	U.S. Department of Education, Office of Vocational and Adult Education U.S. Department of Education, Office of Vocational and Adult Education
Website	U.S. Department of Labor, Bureau of Labor Statistics U.S. Department of Labor, Bureau of Labor Statistics
Website	California Department of Education, Career Technical Education California Department of Education, Career Technical Education
Website	California Department of Employment Development California Department of Employment Development
Website	California Workforce Development Board California Workforce Development Board
Website	Association for Career and Technical Education Association for Career and Technical Education
Website	California Association of Regional Occupational Centers and Programs California Association of Regional Occupational Centers and Programs
Website	California Career Resource Network California Career Resource Network
Website	California Department of Industrial Relations California Department of Industrial Relations
Website	University of California, A-G Course Submissions University of California, A-G Course Submissions
Website	Commission on Teacher Credentialing Commission on Teacher Credentialing
Website	CSBA CSBA

Cross References

Code	Description
0410	Nondiscrimination In District Programs And Activities Nondiscrimination In District Programs And Activities
0415	Equity Equity
0420.4	Charter School Authorization Charter School Authorization
0420.4	Charter School Authorization Charter School Authorization
0440	District Technology Plan District Technology Plan
0440	District Technology Plan District Technology Plan

0460	Local Control And Accountability Plan Local Control And Accountability Plan
0460	Local Control And Accountability Plan Local Control And Accountability Plan
0500	Accountability Accountability
1220	Citizen Advisory Committees Citizen Advisory Committees
1220	Citizen Advisory Committees Citizen Advisory Committees
1312.3	Uniform Complaint Procedures Uniform Complaint Procedures
1312.3	Uniform Complaint Procedures Uniform Complaint Procedures
1312.3	Uniform Complaint Procedures
1312.3	Uniform Complaint Procedures
1700	Relations Between Private Industry And The Schools Relations Between Private Industry And The Schools
3230	Federal Grant Funds Federal Grant Funds
3230	Federal Grant Funds Federal Grant Funds
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4331	Staff Development Staff Development
5113.1	Chronic Absence And Truancy Chronic Absence And Truancy
5113.1	Chronic Absence And Truancy Chronic Absence And Truancy
5113.2	Work Permits Work Permits
5113.2	Work Permits Work Permits
5145.6	Parent/Guardian Notifications Parent/Guardian Notifications
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5148.2	Before/After School Programs Before/After School Programs
5148.2	Before/After School Programs Before/After School Programs
6011	Academic Standards Academic Standards
6020	Parent Involvement Parent Involvement
6020	Parent Involvement Parent Involvement
6112	School Day School Day

6112	School Day School Day
6141	Curriculum Development And Evaluation Curriculum Development And Evaluation
6141	Curriculum Development And Evaluation Curriculum Development And Evaluation
6141.4	International Baccalaureate Program
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6145.5	Student Organizations And Equal Access Student Organizations And Equal Access
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6146.1	High School Graduation Requirements High School Graduation Requirements
6146.1	High School Graduation Requirements High School Graduation Requirements
6146.11	Alternative Credits Toward Graduation Alternative Credits Toward Graduation
6146.11	Alternative Credits Toward Graduation Alternative Credits Toward Graduation
6146.11-E PDF(1)	Alternative Credits Toward Graduation Alternative Credits Toward Graduation
6146.2	Certificate Of Proficiency/High School Equivalency Certificate Of Proficiency/High School Equivalency
6146.2	Certificate Of Proficiency/High School Equivalency Certificate Of Proficiency/High School Equivalency
6146.2-E PDF(1)	Certificate Of Proficiency/High School Equivalency Certificate Of Proficiency/High School Equivalency
6159	Individualized Education Program Individualized Education Program
6159	Individualized Education Program Individualized Education Program
6162.5	Student Assessment Student Assessment
6162.51	State Academic Achievement Tests State Academic Achievement Tests
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6164.2	Guidance/Counseling Services Guidance/Counseling Services

6164.5	Student Success Teams Student Success Teams
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6172	Gifted And Talented Student Program Gifted And Talented Student Program
6172	Gifted And Talented Student Program Gifted And Talented Student Program
6172.1	Concurrent Enrollment In College Classes Concurrent Enrollment In College Classes
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6175	Migrant Education Program Migrant Education Program
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6178.1	Work-Based Learning Work-Based Learning
6178.1	Work-Based Learning Work-Based Learning
6178.2	Regional Occupational Center/Program Regional Occupational Center/Program
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6190	Evaluation Of The Instructional Program Evaluation Of The Instructional Program
6200	Adult Education Adult Education
6200	Adult Education Adult Education
7110	Facilities Master Plan Facilities Master Plan