

CAREER TECHNICAL EDUCATION

In alignment with LCAP Goal 2, the Board of Education desires to provide a comprehensive career technical education (CTE) program in the secondary grades which integrates core academic instruction with technical and occupational instruction in order to increase student achievement, graduation rates, and readiness for postsecondary education and employment. The district's CTE program shall be designed to help students develop the academic, career, and technical skills needed to succeed in a knowledge- and skills-based economy. The program shall include a rigorous academic component and provide students with a strong experience and understanding of all aspects of an industry.

(cf. 6143 - Courses of Study)
(cf. 6200 - Adult Education)

The district's CTE program shall focus on preparing students to enter current or emerging high-skill, high-wage, and/or high-demand occupations. CTE opportunities may be offered through linked learning programs, partnership academies, apprenticeship programs or orientation to apprenticeships, regional occupational centers or programs, tech prep programs, charter schools, small learning communities, or other programs that expose students to career options while preparing them for future careers in a given industry or interest area.

(cf. 0420.4 - Charter School Authorization)
(cf. 6178.2 - Regional Occupational Center/Program)

The Board shall review and approve all district plans and applications for the use of state and/or federal funds supporting CTE.

The Board shall adopt district standards for CTE which meet or exceed the state's model content standards and describe the essential knowledge and skills that students enrolled in these courses are expected to master. The course curriculum shall be aligned with district-adopted standards and the state's curriculum framework.

(cf. 6011 - Academic Standards)
(cf. 6141 - Curriculum Development and Evaluation)

At least every three years, the Board shall compare the district's curriculum, course content, and course sequence of CTE with the model state curriculum standards. (Education Code 52376)

The Superintendent or designee shall systematically review the district's CTE classes to determine the degree to which each class may offer an alternative means for completing and receiving credit for specific portions of the course of study prescribed by the district for high school graduation. The Board shall ensure that these classes are equivalent in content and rigor to the courses prescribed for graduation. (Education Code 52376)

CAREER TECHNICAL EDUCATION (continued)

(cf. 6146.1 - High School Graduation Requirements)
(cf. 6146.11 - Alternative Credits Toward Graduation)
(cf. 6146.2 - Certificate of Proficiency/High School Equivalency)

The Superintendent or designee shall develop partnerships with local businesses and industries to ensure that course sequences, career technical and integrated curriculum, classroom instruction and projects, and assessments have real-world relevance and reflect labor market needs and priorities. He/she also shall work to develop connections with businesses, postsecondary institutions, community organizations, and/or other employers to provide students with actual or simulated work-based learning opportunities.

(cf. 1700 - Relations Between Private Industry and the Schools)
(cf. 5113.2 - Work Permits)
(cf. 6178.1 - Work-Based Learning)

The Superintendent or designee shall collaborate with postsecondary institutions to ensure that the district's program is articulated with postsecondary programs in order to provide a sequential course of study. Articulation opportunities may include dual or concurrent enrollment in community college courses.

(cf. 6172.1 - Concurrent Enrollment in College Classes)

The Superintendent or designee shall inform all secondary students and their parents/guardians about the CTE experiences available in the district, CTE courses that satisfy college admission criteria, and, if applicable, CTE courses that satisfy high school graduation requirements. In addition, secondary students shall receive individualized career guidance and academic counseling which provides information about academic and CTE opportunities related to the student's career goals.

(cf. 5145.6 - Parental Notifications)
(cf. 6164.2 - Guidance/Counseling Services)

The Superintendent or designee shall ensure that teachers of CTE courses possess the qualifications and credentials necessary to teach their assigned courses. He/she also shall provide teachers and administrators with professional development designed to enhance their knowledge of standards-aligned CTE and shall provide opportunities for CTE teachers to collaborate with teachers of academic courses in the development and implementation of integrated curriculum models.

(cf. 4112.2 - Certification)
(cf. 4131 - Staff Development)
(cf. 4331 - Staff Development)

CAREER TECHNICAL EDUCATION (continued)

The Superintendent or designee shall provide counselors and other guidance personnel with professional development that includes, but is not limited to, information about current workforce needs and trends, requirements of the district's CTE program, work-based learning opportunities, and postsecondary education and employment options following high school.

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 under the federal Carl D. Perkins Career and Technical Education Act. To the extent practicable, the Superintendent or designee also shall, upon request, permit participation of CTE teachers, administrators, and other personnel from private schools in the district's inservice and preservice professional development programs funded through the Perkins Act. (20 USC 2397)

The Superintendent or designee shall regularly assess district needs for facilities, technologies, and equipment to increase students' access to the district's CTE program.

(cf. 0440 - District Technology Plan)

(cf. 3440 - Inventories)

(cf. 3512 - Equipment)

(cf. 7110 - Facilities Master Plan)

Nondiscrimination

The district's program shall provide equal access to and shall not unlawfully discriminate against students who are members of special populations. *Special populations* include, but are not limited to, students with disabilities; students from economically disadvantaged families, including foster youth; single parents and single pregnant females; displaced homemakers; English Learners; 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)

Prior to the beginning of each school year, the Superintendent or designee shall advise students, parents/guardians, employees, and the general public that all CTE opportunities are offered without regard to any actual or perceived characteristic protected from discrimination by law. (34 CFR 100.B, 104.8, 106.9)

(cf. 0410 - Nondiscrimination in District Programs and Activities)

(cf. 1312.3 - Uniform Complaint Procedures)

CAREER TECHNICAL EDUCATION (continued)

The above notification shall be disseminated in languages other than English as needed and shall state that the district will take steps to ensure that the lack of English language skills will not be a barrier to admission and participation in the district's CTE program. (20 USC 2354; 34 CFR 100.B)

School and Community Involvement

The Board shall appoint a CTE advisory committee to develop recommendations on the district's CTE program and to serve as a liaison between the district and potential employers. The committee shall consist of at least one student, teacher, business representative, industry representative, school administrator, member of the general public knowledgeable about the disadvantaged, and representative of the field office of the California Employment Development Department. (Education Code 8070)

(cf. 1220 - Citizen Advisory Committees)

The district also shall involve parents/guardians; students; academic and CTE teachers; administrators; career guidance and academic counselors; representatives of tech prep consortia if applicable, business and industry, labor organizations, and special populations; and other interested individuals in the development, implementation, and evaluation of CTE programs. (20 USC 2354)

Program Evaluation

The district shall monitor the achievement of students participating in the district's CTE program in order to determine the need for program improvements. The Superintendent or designee shall annually report to the Board and the California Department of Education on program enrollment and completion rates, including enrollment and completion of programs in nontraditional fields as defined in 20 USC 2302; student academic assessment results; attainment of career and technical skill proficiencies; attainment of a high school diploma or equivalent; graduation rates; and subsequent placement in postsecondary education or advanced training, military service, or employment. Data shall be disaggregated, in accordance with 20 USC 2323, by race, ethnicity, gender, disability status, migrant status, English proficiency, and economic disadvantage status and for each special population as defined in 20 USC 2302 and listed in the section "Nondiscrimination" above.

(cf. 0500 - Accountability)

(cf. 6162.5 - Student Assessment)

(cf. 6162.51 - State Academic Achievement Tests)

(cf. 6162.52 - High School Exit Examination)

(cf. 6190 - Evaluation of the Instructional Program)

CAREER TECHNICAL EDUCATION (continued)*Legal Reference:*EDUCATION CODE

1205 *Classification of counties*
 8006-8155 *Career technical education*
 17078.70-17078.72 *Career technical education facilities*
 33430-33432 *Health science and medical technology grants*
 35168 *Inventory of equipment*
 41505-41508 *Pupil Retention Block Grant*
 41540-41544 *Targeted instructional improvement block grant*
 44257.3 *CTC recognition of study in linked learning teaching methods*
 44260-44260.1 *Designated subjects career technical education credential*
 44260.9 *Designated subjects career technical education credential*
 48430 *Legislative intent; continuation education schools and classes*
 48980 *Parental notifications*
 51220-51229 *Courses of study, grades 7-12*
 51760-51769.5 *Work experience education*
 52300-52499.66 *Career technical education*
 52519-52520 *Adult education, occupational training*
 53080-53084 *School-to-career initiatives*
 53086 *California Career Resource Network*
 54690-54699.1 *California Partnership Academies*
 54750-54760 *California Partnership Academies, green technology and goods movement occupations*
 56363 *Related services for students with disabilities; specially designed career technical education*
 66205.5-66205.9 *Approval of career technical education courses for admission to California colleges*
 88500-88551 *Community college economic and workforce development program*

GOVERNMENT CODE

54950-54963 *Brown Act*

LABOR CODE

3070-3099.5 *Apprenticeships*

CODE OF REGULATIONS, TITLE 5

1635 *Credit for work experience education*
 3051.14 *Specially designed career technical education for students with disabilities*
 10070-10075 *Work experience education*
 10080-10092 *Community classrooms*
 10100-10111 *Cooperative vocational education*
 11500-11508 *Regional occupational centers and programs*
 11535-11538 *Career technical education contracts with private postsecondary schools*
 11610-11611 *Regional adult and vocational education councils*

CODE OF REGULATIONS, TITLE 8

200-240 *Apprenticeships*

UNITED STATES CODE, TITLE 20

2301-2414 *Carl D. Perkins Career and Technical Education Act of 2006*
 6301-6578 *Improving the Academic Achievement of the Disadvantaged*

CODE OF FEDERAL REGULATIONS, TITLE 34

76.730-76.731 *Records related to federal grant programs*
 80.32 *Equipment acquired with federal funds*
 80.42 *Record retention*
 100.B *Appendix B Guidelines for eliminating discrimination in career technical education programs*
 104.1-104.39 *Section 504 of the Rehabilitation Act of 1973*
 106.1-106.61 *Discrimination on the basis of sex, effectuating Title IX*

CAREER TECHNICAL EDUCATION (continued)

Management Resources:

CSBA PUBLICATIONS

Orientation to Apprenticeship Overview, Construction Management Task Force Fact Sheet, November 2007

CALIFORNIA DEPARTMENT OF EDUCATION PUBLICATIONS

2008-2012 State Plan for Career Technical Education

Multiple Pathways to Student Success: Envisioning the New California High School, 2010

Regional Occupational Centers and Programs Operations Handbook March 2008

Model Programs and Practices: Setting Standards for Regional Occupational Centers and Programs (ROCPs), rev. October 2007

Career Technical Education Framework for California Public Schools, Grades Seven Through Twelve, January 2007

California Career Technical Education Model Curriculum Standards, Grades Seven Through Twelve, May 2005

Management of Vocational Education Equipment, April 2000

CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, DIVISION OF APPRENTICESHIP STANDARDS PUBLICATIONS

Orientation to Apprenticeships: A Guide for Educators, January 2001

WEB SITES

CSBA: <http://www.csba.org>

Association for Career and Technical Education: <http://www.acteonline.org>

California Association of Regional Occupational Centers and Programs: <http://www.carocp.org>

California Career Resource Network: <http://www.californiacareers.info>

California Department of Education, Career Technical Education: <http://www.cde.ca.gov/ci/ct>

California Department of Employment Development: <http://www.edd.ca.gov>

California Department of Industrial Relations: <http://www.dir.ca.gov>

California Workforce Investment Board: <http://www.calwia.org>

Commission on Teacher Credentialing: <http://www.ctc.ca.gov>

University of California, a-g Course Submissions: <http://www.ucop.edu/a-gGuide/ag/coursesubmissions>

U.S. Department of Education, Office of Vocational and Adult Education:

<http://www.ed.gov/about/offices/list/ovae/pi/cte/index.html>

U.S. Department of Labor, Bureau of Labor Statistics: <http://www.bls.gov>

Policy
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SAN DIEGO UNIFIED SCHOOL DISTRICT
San Diego, California