

CAREER AND TECHNICAL EDUCATION



CCAC Conference 2018

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Workshop Objectives

- CTE Program and Purpose
- Designated Subjects Career Technical Education (DS CTE) Teaching Credential Requirements
- CTE Funding Resources
- CTE Teach
- New CTE CALPADS Codes



Mythbusters

- The Designated Subject (DS) CTE teaching credential is only for ROP classes.
- A teacher with a DS CTE credential cannot teach at a high school.



Mythbusters ⁽²⁾

- 3. A teacher with a DS CTE credential cannot teach a-g courses.
- 3. A teacher with a previously issued DS in Vocational Education needs to earn the new DS in CTE to continue teaching.

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CTE Course Defined

- Education Code (EC) 51225.3 (E)(ii)
- A course in career technical education means a course in a district-operated CTE program that is aligned to the CTE model curriculum standards and framework adopted by the State Board

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CTE Industry Sectors

Agriculture and Natural Resources	Arts, Media, and Entertainment
Building and Construction Trade	Business and Finance
Education, Child Development, and Family Services	Energy, Environment, and Utilities
Engineering and Architecture	Fashion and Interior Design
Health Science and Medical Technology	Hospitality, Tourism, and Recreation
Information and Communication Technology	Manufacturing and Product Development
Marketing, Sales, and Service	Public Services
Transportation	

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Assignment Option

Holders of Single Subject Teaching Credentials in agriculture, business, home economics, industrial and technology education are also authorized to teach trade, technical, career or vocational classes- *Title 5 section 80004(c)*

Single Subject Credentials and Courses in Industry Sectors

Single Subject Credentials	Authorized Courses in Industry Sectors
Agriculture Education AND Agriculture Specialist	Agriculture and Natural Resources
Business Education	Business and Finance Information and Communication Technologies Marketing, Sales, and Services
Home Economics	Education, Child Development, and Family Services Fashion and Interior Design Hospitality, Tourism, and Recreation
Industrial and Technology Education	Arts, Media, and Entertainment Building and Construction Trades Energy, Environment, and Utilities Engineering and Architecture Information and Communication Technologies Manufacturing and Product Development Transportation

Requirements for Three-year Preliminary

- Three years full-time work experience (1,000 hours = one year)
- High School Diploma (or equivalent)
- Recommendation by program approved under August 2008 standards

Work Experience

3 years working in the Industry Sector

- 1 year + 1,000 hours
- May be paid or volunteer
- May be part-time or full time
- May be self-employed or avocational
- Recency of work experience
 - 1 year within the last 5 years
 - Or
 - 2 years within the last 10 years

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Work Experience Alternatives

- Occupational Internship
- Career-technical teaching experience
- May substitute up to 48 semester units of postsecondary career-technical training related to the Industry Sector for a maximum of 2 of the 3 years of work experience

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Work Experience Alternatives

May substitute an advanced industry certificate related to the Industry Sector for 1 year of work experience; **OR**

May substitute one year of full-time general education K-12 teaching experience in a public or private school for 1 year of work experience.

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Work Experience Alternatives

Substitutions/alternatives may be used for up to 2 years of work experience, but at least 1 year (1,000 hours) must be actual work experience in the industry sector.

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California Partnership Academies (CPA)

- California Education Code 54690-54697
- CPA model is a three-year program (grades ten-twelve) structured as a school-within-a-school
- Academies incorporate integrated rigorous academic and career technical education, business partnerships, mentoring, and internships
- High school reform movement focused on smaller learning communities with a career theme

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Example of Green Energy Technology Academy Course Sequence

	English	Social Studies	Science (Sr. Yr. Math)	CTE Course
Freshman	GETA English 9	GETA Geography	GETA Biology	Introduction to Green Technology
Sophomore	GETA English 10	GETA World History	GETA Physics	Green Tech I Solar & Wind
Junior	GETA English 11	GETA US History	GETA Chemistry	Green Tech II Biofuels & Elect Vehicles
Senior	GETA English 12	GETA US Govt & Econ	GETA Statistics (in place of science)	Green Tech III Research, Internships, Cert. Programs

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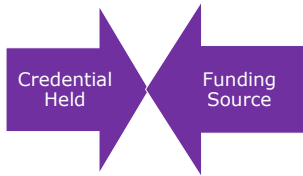
What about CTE offered in Middle Schools?

Middle School teachers who are teaching exploratory CTE through a wheel type of course or any other type of CTE course are not required to hold a CTE credential.

Middle School CTE courses should focus on the Standards for Career Ready Practice.

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Funding Factors to Consider



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CTE Program Funding Requirements

Be staffed by qualified CTE teachers who:

- Possess a standard secondary, single-subject or designated-subject credential which authorizes the teaching of the CTE course(s) to which assigned, **and**
- Can document employment experience, outside of education, in the career pathway addressed by the program or other evidence of equivalent proficiency

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Alternative method for meeting high school graduation requirements

Education Code 51225.3(b)

*“The governing board, with the active involvement of parents, administrators, teachers, and pupils, shall adopt alternative means for students to complete the prescribed course of study which may include practical demonstration of skills and competencies, supervised work experience or other outside work experience, **career technical education courses** in high schools, courses offered by regional occupational centers or programs, interdisciplinary study...”*

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Alternative method for meeting high school graduation requirements

Appropriate credential and authorization

If a class is a CTE based class and the school district has a policy that allows granting graduation credits to the class per EC Section 51225.3(b), then it may be taught by the holder of a credential authorizing the teaching of CTE in the specified industry sector.

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What is CTE Teach?

CTE TEACH provides mentoring, support, and professional development for new and veteran teachers throughout the state of California.

CTE TEACH is a partnership of:

- Colton-Redlands-Yucaipa Regional Occupational Program (CRY-ROP)
- California Department of Education
- Technical Education Initiative (SB 1070)

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Why CTE Teach?

1. Increase Teacher Retention
2. Improve and Provide Teacher Training
3. Greater Teacher Effectiveness
4. Promote Student Learning

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How does CTE Teach work?

CTE TEACH uses a 3 pronged approach to supporting CTE teachers including:

An online early orientation program for new CTE teachers (www.cteteach.cteonline.org)

- Early Orientation is required for credentialing
- Aligned to California Standards for the Teaching Profession (CSTP)

An online professional development program (www.cteteach.cteonline.org)

Onsite workshops and mentorship (mentor teachers support new teachers in a non evaluative role)

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CTE Teach Contact Information

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CTE Course Code Updates in CALPADS

CTE Codes updated from 4000-5999 series to 7000-8999 series

New code descriptors developed based on the following:

- CTE Model Curriculum Standards (content driven)
- 15 Sectors and 58 Pathways
- Broad descriptions meant to serve as examples
- Levels of Introductory, Concentrator, Capstone

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Why is CALPADS Reporting of CTE Important??

CTE Courses
 + CALPADS Reporting
 = Pathway Completion
 for
 College Career Indicator
 (CCI)

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High Quality CTE is...

- Course content based on the CTE Model Curriculum Standards – 15 sectors and 58 pathways
- Coded within the 7000-8999 CALPADS series
- Taught by teacher who holds a CTE credential or one of the five Single Subject Credentials authorized to teach CTE

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For Assignment Monitoring

What if the course is taught by a non-credentialed CTE teacher?

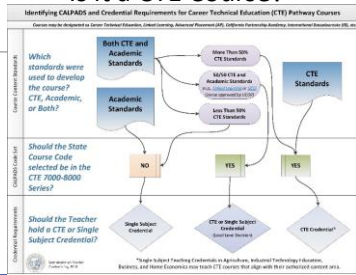
Is the course still CTE?

Should the course still be coded as CTE?

What other code should be used?

Example: School was told that their Digital Photography course needed to be coded differently because the teacher within their CTE Pathway of AME was not CTE credentialed.

Is it a CTE Course?



State Course Code Updates

In order to facilitate annual assignment monitoring, the CDE will be updating the State Course Codes for academic courses. These updates are expected to be completed by January 2019 in preparation for the 2019-20 academic year.

Thanks for your time

If you have any other questions or concerns, please contact:

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- Or
- Michelle McIntosh at mmcintosh@cde.ca.gov
