

## *CTE Professional Development Resources for Educators*

Professional development for educators is evolving from a “sitting in workshops for a prescribed amount of time” requirement to PD that is more job-embedded. This job-embedded approach makes a lot of sense, especially in terms of Career Technical Education (CTE).

Career and technical education provides students of all ages with the academic and technical skills, knowledge and training necessary to succeed in future careers and to become lifelong learners. In total, about 12.5 million high school and college students are enrolled in CTE across the nation.

CTE-related PD is principally provided at the state level, and—if not outright provided—is often funded by an association or group. Here are how several states representing four regions of the United States handle professional development for CTE educators.

### **California**

Proposition 51 was placed on the November 2016 ballot in California, to supply grants to eligible schools for the purpose of improving and expanding their Career Technical Education (CTE) programs. Proposition 51 was passed by California voters and \$500,000,000 became available for this purpose. Specifically, the measure allows for eligible schools to apply for new construction funding, remodeling and reconfiguration funding and/or funding for CTE equipment. The Career Technical Education Leadership and Instructional Support Office (CTELISO), provided the leadership in coordinating the State’s efforts to create a clear and organized system for the CTE application process to take place.

The program calls for a significant planning effort to be made by the school to address all the necessary components for the application.

You can find more information on CTE on the state’s [CTE Web pages](#).

California’s 15 Career Clusters are based on state workforce requirements and are framed around The National Career Clusters Framework with some variation including organization (e.g., Business, Management & Administration and Finance Career Clusters are combined) as well as additional Career Clusters unique to state industry (e.g., Fashion and Interior Design).

California is implementing programs of study in each of the 15 California industry sectors that correspond to the 16 Career Clusters.

[CAROCP: The Association of Career and College Readiness Organizations: CTE Teacher Coaching and Support](#)

[Prop. 51: CTE School Facilities Program Summary](#)

[CTE Online](#)

[Carocp: The Association Of Career And College Readiness Organizations](#)

## Florida

The Florida Department of Education organizes CTE programs across each of its three delivery systems into 17 Career Clusters based on state workforce requirements and based on The National Career Clusters Framework.

A written articulation agreement must be in place for each Program of Study that establishes and validates the career pathway. All articulation agreements must be signed and approved by the agency head of each participating secondary and postsecondary LEA.

A pathway leading to a postsecondary credential may include a certificate, diploma, associate or baccalaureate degree, an industry certification or a licensure. In general, career pathways should offer students opportunities for continued education as well as access to the skilled workforce.

Each Program of Study is expected to be guided by the workforce and economic development needs of business / industry, the community and employment opportunities for students.

### [CTE Miami Dade](#)

### [M-DCPS](#)

### [Florida Association for Industrial and Technical Educators](#)

### [CTE Program Resources](#)

## New York

New York State's CTE delivery system consists of over 1,100 CTE providers, serving over one million students in school districts, BOCES and postsecondary institutions. CTE studies are organized in New York in the following educational content areas: agricultural; business & marketing; family & consumer sciences; health occupations; technology; and trade and technical education.

CTE PD participation is mandatory for certificate holders of lifetime certificates. The local Boards of Cooperative Educational Services (BOCES) are all approved sponsors of CTLE, and often they take the lead on providing this sort of CTLE.

### [CTE Technical Assistance Center of NY](#)

### [Washington Saratoga BOCES](#)

### [The Career and Technical Education Hiring Handbook](#)

### [Curriculum, instruction, and assessment resources for CTE educators in New York State](#)

## Texas

Currently, Texas has a number of online courses for CTE teachers. Everything that the state offers is free. Also, the state has a Grow Your Own grant, targeted toward education and training courses. People involved with that grant will be teaching educational and training courses. The state is providing them with brief training. Texas also has, similarly, a principal preparation grant, where awardees will attend a summer institute.

Texas has adopted the National Career Clusters Framework and has implemented all 16 Career Clusters. Texas makes available over 120 Programs of Study covering each of the 16 Career Clusters, primarily through the Texas CTE Resource Center.

### [Texas CTE](#)

### [Texas CTE Resource Center](#)

### [Texas Education Agency](#)

### [Region 4 Education Service Center](#)

## National Resources

There are a variety of organizations across the U.S. that work with specific districts as well as local agencies and state departments of education to support teacher professional development.

- [Advance CTE State Leaders: Connecting Learning to Work](#)
- [STEM Innovation Lab](#)
- [Bureau of Education Research](#)
- [PBS Teacherline](#)
- [Center for Digital Education](#)
- [Association for Career and Technical Education](#)
- [CTE Online Training](#)
- [Vocational Teacher Career Guide](#)