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An Overview of Career Technical Education at High Schools and Community Colleges

LEGISLATIVE ANALYST'S OFFICE

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Hon. Al Muratsuchi, Chair





Career Technical Education (CTE) Spans 15 Industry Sectors

CTE Industry Sectors



Agriculture and Natural Resources



Arts, Media, and Entertainment



Building and Construction Trades



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 Technologies



Manufacturing and Product Development



Marketing, Sales, and Service



Public Services



Transportation

CTE = career technical education.



General-Purpose Funds Support CTE



High Schools Receive Funds From Local Control Funding Formula (LCFF)

- The average high school base LCFF funding rate per student is \$6,306 in 2013-14. (When accounting for the additional funding provided for English-learner or low-income students, the rate is higher—\$7,567.)
- Districts can choose to spend LCFF monies on any type of instruction, including CTE.



California Community Colleges (CCC) Receive Apportionment Funds

- In 2012-13, community colleges spent about \$1.5 billion in apportionment funds on CTE instruction.
- CTE accounts for about 30 percent of total CCC instruction.



Several Categorical Programs Also Fund CTE

- Regional Occupational Centers and Programs (ROCP)**
 - Though now part of LCFF, functions like a categorical program in 2013-14 and 2014-15.
 - For each of these two years, school districts and county offices of education have a maintenance-of-effort requirement that they spend at least as much on ROCP education as they spent in 2012-13.

- Three Other High School CTE Categorical Programs**
 - Total of \$39 million provided in current year for Specialized Secondary Programs, Agricultural Education Grants, and California Partnership Academies.

- Four CCC Categorical Programs Related to CTE**
 - Total of \$59 million provided for two apprenticeship programs, Economic Development program, and nursing grants.

- Two State Programs Designed to Improve CTE Collaboration**
 - CTE Pathways Initiative (\$48 million annually—2014-15 final year).
 - Career Pathways Trust (\$250 million in one-time funds).

- In 2013-14, California Received a Total of \$114 Million in Federal Perkins Grants**
 - Amount split almost evenly between secondary and post-secondary schools.



CTE Performance Measures



Outcome Measures Related to High School CTE Currently Under Development

- Academic Performance Index being revised for high schools to include additional college and career readiness measures.
- Student achievement and engagement are state priority areas that must be addressed in Local Control and Accountability Plans.



Community Colleges Report Some Data on CTE Outcomes, With Additional Metrics Under Consideration

- Course completion rates and income of program graduates already reported.
- CCC system working on other outcome measures, such as percent of CCC students earning industry-validated certifications.