INTRODUCTION TO CAREER AND TECHNICAL EDUCATION IN TEXAS

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Texas Education Agency
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Tell your neighbor what you would like to learn from this experience.
Introduction to CTE in Texas

- Overview of Career and Technical Education in Texas
- Overview of Statewide Resources for CTE Teachers
- New connections with other CTE professionals
John Ellis
Statewide CTE Coordinator

Ron Whitson
Statewide CTE Coordinator

Vacant
Statewide CTE Coordinator
Dale Fowler - interim

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28 Workforce Development Boards

20 Education Service Centers
1,227 School Districts and Charters
8,571 Campuses
5,232,065 Students   342,257 Teachers

Ron Whitson Agricultural Science Center
Mansfield ISD
Texas Student Demographics

- Hispanic: 51.8%
- White: 29.4%
- African American: 12.7%
- Asian: 3.7%
- Two or More Races: 1.9%
- American Indian: 0.4%
- Pacific Islander: 0.1%
- Economically Disadvantaged: 60.2%
- Limited English Proficient: 17.5%

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Education in Texas
Texas Education Code
• State legislators elected by Texas voters
• Legislators debate bill
• Legislators pass bill
• Bills become law
• Education laws recorded in Texas Education Code

Texas Administrative Code
• State Board of Education
• 15 members elected by district. Governor appoints SBOE chair.
• Drafts proposed rules
• Consider public comment
• Adopted rules published in Texas Administrative Code (TEKS)

State Board for Educator Certification
COMMISSIONER

- Appointed by Governor
- Drafts proposed rules
- Posts to administrative rules website
- Consider public comments and requests for hearing
- Adopted rules published in Texas Administrative Code

TEA STAFF

- State Employees
- State administrative unit that serves primary and secondary public education in Texas
- Interprets and implements education laws and rules
- Provides support to SBOE
- Provides support to SBEC
TEXAS EDUCATION laws & rules

- TEC Laws
- TAC Rules
- TEA Guidelines & Policies
CTE
Texas Education Agency
Write down some words or phrases describing or defining CTE.

Tell your neighbor what you wrote down.
What is CTE?

Organized educational activities that—

- (A) offer a sequence of courses that—
  - provides individuals with coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in current or emerging professions
  - provides technical skill proficiency, an industry-recognized credential, a certificate, or an associate degree
  - may include prerequisite courses (other than a remedial course)

- (B) include competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of an industry, including entrepreneurship, of an individual.
Career and Technical Education is a cornerstone of a national initiative to increase the competitiveness of the U.S. workforce in the global economy. It provides students with:

- **core academic skills** and how to apply them to real-world situations in the workplace or daily life,
- **employability skills** essential in any career,
- **job-specific, technical skills** related to a specific career pathway.
Secondary CTE Enrollment: PEIMS Codes 1, 2, & 3

Source: Perkins CAR, Enrollment; PEIMS data
Secondary CTE Concentrator
Enrollment by Career Cluster: PEIMS
Codes 2 & 3

Source: 2014 Perkins CAR,
Enrollment 2013-2014
TEC § 29.182. (3)(D) includes, as an integral part of the program, participation by students and teachers in activities of career and technical student organizations supported by the agency and the State Board of Education.
Career and Technical Student Organizations (CTSO)
Career and Technical Student Organizations

Texas CTSOs

# of members

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State Leadership Activities
http://ctsp.tamu.edu
Texas Labor Market & Career Information (LMCI)

Welcome, we’re here to help.
Resources, tips and tools to build a stronger Texas workforce.

Products and Publications | Parents & Students | Counselors & Teachers | Workforce & Education Reports | Career Search | LMCI Contacts

TRACER 2
(www.tracer2.com) This is your one-stop place on the Internet for Texas labor market statistics. This website offers rich time series data and provides inquiry capabilities for labor force, employment and unemployment estimates, industry and occupational projections and occupational wage data.

Texas Industry Profiles (TIP)
(www.texasindustryprofiles.com) This is the ultimate Texas economic development website! TIP was designed primarily as a series of web-based analytical tools to provide an in-depth understanding of the Texas economy and its local components.

Reality Check Budget Calculator
(www.texasrealitycheck.com) There is nothing more motivational for students than showing them the relevance between educational attainment and their earnings power. Reality Check is designed to help students understand the connection between lifestyle aspirations and the importance of postsecondary education. It allows students to make lifestyle choices, create a budget, and then to view the occupations and preferred education levels that support those choices. Reality Check is one of the most popular and widely replicated websites in the LMCI tool box.

Texas CARES Online
(http://www.texascaresonline.com) Texas CARES Online (Career Alternatives Resource Evaluation System), a multi-media career information system, is designed to help students and jobseekers interactively.
Programs of Study
Educational Excellence Cluster Specialists

- Texas A&M University
  - http://educationalexcellence.edu
  - Agriculture, Food & Natural Resources
  - Transportation, Distribution & Logistics

- Stephen F. Austin State University
  - http://cte.sfasu.edu
  - Education & Training
  - Hospitality & Tourism
  - Human Services

- University of North Texas
  - http://cte.unt.edu
  - Architecture & Construction
  - Arts, A/V Technology & Communications
  - Business Management & Administration
  - Finance
  - Government & Public Administration
  - Health Science
  - Information Technology
  - Law, Public Safety, Corrections & Security
  - Manufacturing
  - Marketing
  - Science, Technology, Engineering & Mathematics
## Work-based Learning Course

<table>
<thead>
<tr>
<th>Texas A&amp;M University - Corpus Christi</th>
<th>Work-based learning online course</th>
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<tbody>
<tr>
<td></td>
<td>For teachers assigned to use the work-based learning method of instruction</td>
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<tr>
<td></td>
<td>Training in state and federal requirements regarding work-based learning and safety</td>
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<tr>
<td></td>
<td>Revised training plans</td>
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