TEA Career and Technical Education Update

DIANE SALAZAR
TCEC WINTER CONFERENCE
FEBRUARY 5, 2016
US Presidential Scholars Program - CTE

Last year, the Texas Commissioner of Education nominated five students who excelled in a CTE program to apply as part of the United States Presidential Scholars Program. This was the first year that CTE students were included as nominees for this prestigious award.

A list of all the candidates for the Presidential Scholars Program, including those nominated for CTE participation in Texas, is available at http://www2.ed.gov/programs/psp/index.html, as well as the timeline for the final awards.
US Presidential Scholars Program - CTE

Congratulations!

Adkins – East Central High School
Garden City – Glasscock County ISD
Garland – North Garland High School
San Antonio – Theodore Roosevelt High School
Spring – Carl Wunsche Sr. High School
Overview

• CTE TEKS Revision
• Foundation High School Program
• Curriculum Updates
• Instructional Materials and Educational Technology
• CTE Statewide Update - Programs and Projects
CTE
Texas Essential Knowledge and Skills (TEKS) Revision
Where can I find the revised CTE TEKS?

Chapters 127 and 130 Courses Adopted but Not Yet Effective are at

http://tea.texas.gov/About_TEA/Laws_and_Rules/SBOE_Rules_(TAC)/Adopted_State_Board_of_Education_Rules_-_Not_Yet_Effective/
CTE TEKS Revision

CTE TEKS Review Timeline
• Began in June 2014
• Multi-phase adoption
  o the first group of CTE courses was adopted in April 2015
  o the last group of CTE courses was adopted in Sept. 2015
• Professional development expected in 2016-2017
• Implementation scheduled for 2017-2018
• CTE is included in instructional materials
  Proclamation 2017
CTE TEKS Revision

Key Changes

• New courses: from 200 courses to 277 courses
• Addition of a number of new lab-based courses
• Addition of new courses that may satisfy specific graduation requirements
• Addition of employability skills to all courses
• Elimination of credit ranges
• Changes to practicum courses
• Changes to course names
# CTE TEKS Revision

## A Sampling of Course Name Changes

<table>
<thead>
<tr>
<th>Current Name</th>
<th>2017-2018 Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exploring Careers</td>
<td>College and Career Readiness</td>
</tr>
<tr>
<td>Career Portals</td>
<td>Investigating Careers</td>
</tr>
<tr>
<td>Problems and Solutions</td>
<td>Project-Based Research</td>
</tr>
<tr>
<td>Instructional Practices in Education and Training</td>
<td>Instructional Practices</td>
</tr>
<tr>
<td>Restaurant Management</td>
<td>Introduction to Culinary Arts</td>
</tr>
</tbody>
</table>
CTE TEKS Revision

Elimination of Credit Ranges

Courses with ½ - 1, 1-2, and 2-3 credits were changed to provide a consistent amount of credit.
CTE TEKS Revision

Theory and Lab Courses

• Theory courses may be taken alone (i.e., without the lab)
• Lab courses provide additional, hands-on experience with the content.
• Lab courses cannot be taken as stand-alone courses.
• General requirements often indicate *recommended* co-requisites.
### CTE TEKS Revision

**Arts, Audio/Video Technology, and Communications Career Cluster**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fashion Design I (One Credit)</td>
<td></td>
</tr>
<tr>
<td>Fashion Design I Lab (One Credit)</td>
<td></td>
</tr>
<tr>
<td>Fashion Design II (One Credit)</td>
<td></td>
</tr>
<tr>
<td>Fashion Design II Lab (One Credit)</td>
<td></td>
</tr>
</tbody>
</table>
CTE TEKS Revision

**Practicum Courses**

- All practicum courses will provide 2 credits
- Extended practicum courses will provide a third possible credit.

Practicum in Hospitality and Tourism, 2 credits

+ Extended Practicum in Hospitality and Tourism, 1 credit

3 credits
CTE TEKS Revision

**Practicum Courses**

- Students will be able to repeat a practicum one time for credit.
- Second practicum experience must provide a different aspect of the industry and must focus on “additional and more advanced knowledge and skills.”
CTE TEKS Revision

Employability Skills (From Food Science)
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:
(A) apply interpersonal communication skills in business and industry settings;
(B) explain and recognize the value of collaboration within the workplace;
(C) examine the importance of time management to succeed in the workforce;
(D) identify work ethics/professionalism in a job setting; and
(E) develop problem-solving and critical-thinking skills.
Foundation High School Program
Foundation High School Program

Proposed amendments to the Foundation High School Program

• add new Financial Mathematics course to the advanced courses that satisfy the third mathematics credit

• eliminate the expiration of the provision allowing Computer Science I, II, and III to satisfy the LOTE graduation requirement

• add a sequence requiring the completion of English I, II, and III prior to taking the fourth advanced English credit
Foundation High School Program

Proposed amendments to the Foundation High School Program

• allow a course to count as part of the set of four courses for more than one endorsement
• include Career Preparation I or II or Problems and Solutions as possible final course in a coherent sequence of courses for CTE endorsements-STEM, Business and Industry, and Public Services
SBOE Update

Personal Financial Literacy elective course

• One-half credit social studies course
• Course will be available for the 2016-2017 school year
• Districts are required to offer this course beginning with the 2016-2017 school year
• Other financial literacy courses will not meet this requirement
SBOE Meeting

January 26-29, 2016

First reading and filing authorization

• Proposed revisions to requirements for the Academic Achievement Record (AAR)

• Proposed new courses:
  • AP Computer Science Principles (technology applications)
  • Extended Career Preparation (CTE)
Curriculum Updates
Innovative Courses

• provide content outside the scope of the required curriculum
• may meet certain endorsement area requirements
• may be offered for elective credit with the approval of the local board of trustees
• may not meet other state graduation requirements or dual credit requirements

Texas Virtual School Network (TxVSN)

- Expand local course choices
- Address teacher shortages
- Provide credit advancement and/or credit recovery options
- Allow schedule flexibility
- Provide alternative opportunities for diverse students
- Offer additional courses taught by Texas certified teachers
- Provide individualized instruction
TxVSN Catalog Course Options

**College credit**
- 14 AP® courses
- 12 dual credit courses

**High school**
- Foundation and enrichment curriculum courses
- 6 languages other than English (LOTE) courses
- 19 career and technical education (CTE) courses
- 5 technology applications courses, including Computer Science I & II
Locally-Developed Courses

• Under TEC §28.002(g-1), a district may offer a locally developed course or other activity, including an apprenticeship or training hours needed to obtain an industry-recognized credential or certificate.

• The district must partner with a public or private institution of higher education (IHE) and local business, labor, and community leaders to develop and provide the course(s).

• These courses must be approved by the local board of trustees.
Locally-Developed Courses

• Each school district **must annually report to TEA** the names of the locally developed courses/activities in which the district's students have enrolled under TEC, §28.002(g-1).

• The Locally Developed Course/Activity District Form is available on the [Foundation High School Program](http://www.fhsprogram.org) website.

• TEA shall make the information provided on the form available to other districts.
Instructional Materials and Educational Technology
Proclamation 2017
Instructional Materials Review

Reviewers are still needed for all of the CTE Career Clusters.

The review of materials submitted for CTE will take place in Austin and is tentatively scheduled for June 20–24, 2016 and June 27–July 1, 2016.

Each CTE Career Cluster will be assigned to one of the two weeks.

Nomination forms are available on the IMET website at http://tea.texas.gov/Curriculum_and_Instructional_Programs/Instructional_Materials/.

Contact review and adoption staff if you have any questions at review.adoption@tea.texas.gov or (512) 463-9601.
Professional Development Courses

With the close of the Epsilen contract, professional development (PD) courses were paused in fall 2015.

In early spring 2016, enrollment in online courses will resume.

The first courses to go live will be Science Safety Training for High School and CTE 101.
# Texas Gateway (formerly Project Share)

## Release Schedule for CTE Courses

<table>
<thead>
<tr>
<th>CTE Course Title</th>
<th>Projected Release Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTE 101: Introduction to Career and Technical Education in Texas</td>
<td>February</td>
</tr>
<tr>
<td>Forensic Science</td>
<td>February</td>
</tr>
<tr>
<td>Advanced Animal Science</td>
<td>March</td>
</tr>
<tr>
<td>Advanced Plant and Soil Science</td>
<td>March</td>
</tr>
<tr>
<td>Advanced Biotechnology</td>
<td>April</td>
</tr>
<tr>
<td>Statistics and Risk Management</td>
<td>April</td>
</tr>
<tr>
<td>Mathematical Applications in Agriculture, Food, and Natural Resources</td>
<td>April</td>
</tr>
<tr>
<td>Engineering Design and Problem Solving</td>
<td>May</td>
</tr>
<tr>
<td>Engineering Mathematics</td>
<td>May</td>
</tr>
<tr>
<td>Food Science</td>
<td>May</td>
</tr>
</tbody>
</table>
Perkins Consolidated Annual Report (CAR)
State Accountability: Secondary CTE

2013-2014

Target | Performance

TAKS R/LA | 96.32% | 95%
TAKS Math | 93.42% | 95%
Tech Skill | 74.56% | 75.00%
Completion | 97.08% | 95.00%
Graduation | 96.53% | 92.00%
Placement | 72.19% | 75.00%
NT Part. | 45.82% | 42.00%
NT Comp. | 44.15% | 41%

Source: Perkins 2015 CAR, Accountability
Secondary CTE Enrollment: PEIMS Codes 1, 2, & 3

Source: Perkins CAR, Enrollment; PEIMS data

<table>
<thead>
<tr>
<th>Year</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>07-08</td>
<td>973,787</td>
</tr>
<tr>
<td>08-09</td>
<td>1,012,774</td>
</tr>
<tr>
<td>09-10</td>
<td>1,027,435</td>
</tr>
<tr>
<td>10-11</td>
<td>1,033,875</td>
</tr>
<tr>
<td>11-12</td>
<td>1,072,893</td>
</tr>
<tr>
<td>12-13</td>
<td>1,111,610</td>
</tr>
<tr>
<td>13-14</td>
<td>1,141,341</td>
</tr>
<tr>
<td>14-15</td>
<td>1,210,587</td>
</tr>
</tbody>
</table>
Secondary CTE Concentrator Enrollment by Career Cluster: PEIMS Codes 2 & 3

Perkins Program Effectiveness Report (PER) Changes 2015-2016

Part 5: CTE Concentrator (Codes 2 and 3) Certifications or Licenses Earned

**ADDITIONS**

- AAFCS Early Childhood Education Competency Assessment and Certification
- Adobe Certified Associate (ACA) - Print & Digital Media Publication InDesign
- Adobe Certified Expert (ACE) – InDesign
- ASE - Auto Maintenance and Light Repair (GI)
- Autodesk Building Performance Analysis (BPA)
- Certified Television Operator (The Society of Broadcast Engineers)
- CompTIA Server +
- Floral Design Certification, Level Two (Texas State Florists' Association)
Perkins Program Effectiveness Report (PER) Changes 2015-2016

Part 5: CTE Concentrator (Codes 2 and 3) Certifications or Licenses Earned

ADDITIONS

• ICar-Custom Painting
• Mastering QuickBooks Level 1
• Microsoft Office Specialist SharePoint
• MSSC Certified Logistics Technician
• Office Proficiency Assessment Certification (OPAC)
• Structure Fire Protection Certification, Basic (Texas Commission on Fire Protection)

REVISION

• Floral Design Certification, Level One (Texas State Florists' Association) from Floral Design Certification
CTE Statewide Update - Programs and Projects
CTE Certification Exam Reimbursement

Texas Education Code, §29.190, authorizes TEA to reimburse LEAs for student certification exams taken and passed for a license or certificate.

Process

• LEAs submit a reimbursement request.
• Requests will be reimbursed on a first-come, first-served basis until the end of the fiscal year or the $500,000 allotment is expended.
CTE Certification Exam Reimbursement

**Eligibility**

- Certifications listed on the Perkins Program Effectiveness Report (PER) are eligible for reimbursement.
- Student must successfully complete a CTE program related to the certification.
- Student must take and pass the certification exam prior to July 31, 2016.
- One exam will be reimbursed per student, up to $350 per exam.
It is the policy of ________________________ School District and ________________________ (business name) not to discriminate on the basis of race, color, national origin, sex or disability in its career and technical education programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. the Rehabilitation Act of 1973, as amended.

Signature Approvals
Career and Technical Education Programs of Study

HB 2628

Texas Higher Education Coordinating Board, representatives of secondary education, postsecondary education, business and industry, other state agencies or licensing bodies, other career and technical education experts

Develop career and technical education programs of study and clearly define career pathways

Align certifications and licensures

First committee is Architecture and Construction, application deadline is February 18, 2016
Professional Development and Resources for CTE

• CTE Leadership Academy
• New CTE Teacher Conference
• CTE Professional School Counselor Academy
## 2011-2012 High School Graduates

<table>
<thead>
<tr>
<th>Enrollment and Employment Status</th>
<th>All High School Graduates: 1,029</th>
<th>CTE Participants High School Graduates: 292</th>
<th>Non-CTE Participants High School Graduates: 737</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS Graduates</td>
<td>Percent HS Graduates</td>
<td>HS Graduates</td>
<td>Percent HS Graduates</td>
</tr>
<tr>
<td>Enrolled in College Only</td>
<td>139</td>
<td>32</td>
<td>10.96%</td>
</tr>
<tr>
<td>Employed Only</td>
<td>386</td>
<td>122</td>
<td>41.78%</td>
</tr>
<tr>
<td>Employed and Enrolled in College</td>
<td>186</td>
<td>70</td>
<td>23.97%</td>
</tr>
<tr>
<td>All Enrolled in College</td>
<td>325</td>
<td>102</td>
<td>34.93%</td>
</tr>
<tr>
<td>All Employed</td>
<td>572</td>
<td>192</td>
<td>65.75%</td>
</tr>
<tr>
<td>Not Located *</td>
<td>318</td>
<td>68</td>
<td>23.29%</td>
</tr>
</tbody>
</table>

Loan Forgiveness Programs

Three Programs for Texas teachers

One is the Federal Loan Forgiveness Program

Others are Teach for Texas Loan Repayment Assistance and the Public Service Loan Forgiveness Program

http://tea.texas.gov/Texas_Educators/Educator_Initiatives_and_Performance/Federal_Teacher Loan Forgiveness Program/
CTE Teachers in Texas

CTE is an Approved Teacher Shortage Area

The approved shortage areas allow the administrator to recruit and retain qualified teachers and to help reward teachers using loan forgiveness opportunities. Principals can act on behalf of the commissioner of education to certify that a teacher has met the minimum qualifications required for certain loan forgiveness programs.

http://tea.texas.gov/index4.aspx?id=25769814726&ekfxmen_noscript=1&ekfxmensel=e9edebdf8_25769804222_25769804224
Looking Ahead

• Mentoring for New CTE Teachers
• Rural Schools and Programs of Study
• New CTE TEKS Implementation PD
• Statewide Evaluation of CTE
Contact Information
Questions?

Contact Education Service Center CTE Specialist

or

TEA’s CTE Unit

By email at Career@tea.texas.gov

• By telephone at (512) 463-9581
ESC CTE Education Specialists

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