TEA Curriculum Update

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2014-2015 CTE LEADERSHIP ACADEMY
AND PROFESSIONAL SCHOOL COUNSELOR
ACADEMY
Overview

- Update on the CTE TEKS Revision
- Legislative Updates
- Curriculum Program Updates
Update on the CTE TEKS Revision
CTE TEKS Review Update

• The State Board of Education (SBOE) has authority for the Texas Essential Knowledge and Skills (TEKS).

• Typically, the SBOE reviews/revises one or more subject areas each year.

• Review and revision process takes between one to two years from start to finish.

• There are multiple opportunities for public input throughout the process.
CTE TEKS Review Update

CTE TEKS Review Timeline
• Began in June 2014
• Two-phase adoption
  o the first group of CTE courses was adopted in April 2015
  o the adoption of the second group of CTE courses is expected this summer
• Professional development expected in 2016-2017
• Implementation scheduled for 2017-2018
• CTE is expected to be included in instructional materials Proclamation 2017
# CTE TEKS Review Update

## CTE TEKS Review Batch A

<table>
<thead>
<tr>
<th>Area</th>
<th>Industry</th>
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<tbody>
<tr>
<td>Career Development</td>
<td>Hospitality and Tourism</td>
</tr>
<tr>
<td>Arts, Audio/Video Technology, and Communications</td>
<td>Human Services</td>
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<tr>
<td>Business Management and Administration</td>
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<tr>
<td>Education and Training</td>
<td>Marketing</td>
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<td>Finance</td>
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# CTE TEKS Review Update

## CTE TEKS Review Batch B

<table>
<thead>
<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>Agriculture, Food, and Natural Resources</td>
<td>Information Technology</td>
</tr>
<tr>
<td>Architecture and Construction</td>
<td>Law, Public Safety, Corrections, and Security</td>
</tr>
<tr>
<td>Government and Public Administration</td>
<td>STEM</td>
</tr>
<tr>
<td>Health Science</td>
<td>Transportation, Distribution, and Logistics</td>
</tr>
</tbody>
</table>
CTE TEKS Review Update

**Key Changes**

- New courses
- Additional courses that may satisfy specific graduation requirements
- Elimination of credit ranges
- Development of theory and lab courses in some Career Clusters
- Changes to practicum courses
## New Courses—Batch A

<table>
<thead>
<tr>
<th>Arts, Audio/Video Technology, and Communications</th>
<th>Business Management and Administration</th>
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<tbody>
<tr>
<td>Practicum in Animation</td>
<td>Business Lab</td>
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<tr>
<td>Digital Audio I and II</td>
<td>Manufacturing</td>
</tr>
<tr>
<td>Video Game Design</td>
<td>Diversified Manufacturing I and II</td>
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<tr>
<td>Practicum in Commercial Photography</td>
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## New Courses—Batch A

<table>
<thead>
<tr>
<th>Hospitality and Tourism</th>
<th>Career Development</th>
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<tbody>
<tr>
<td>Advanced Culinary Arts</td>
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<td>Professionals</td>
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<td>Marketing</td>
<td>Human Services</td>
</tr>
<tr>
<td>Social Media Marketing</td>
<td>Principles of Cosmetology Design and</td>
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<td>Color Theory</td>
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## Proposed New Courses—Batch B

<table>
<thead>
<tr>
<th>Agriculture, Food, and Natural Resources</th>
<th>Architecture and Construction</th>
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<tbody>
<tr>
<td>Oil and Gas Production I and II</td>
<td>Practicum in Construction Technology</td>
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<tr>
<td>Turf Grass Management</td>
<td>Masonry Technology I and II</td>
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<tr>
<td>Greenhouse Operation and Production</td>
<td>Practicum in Masonry Technology</td>
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<tr>
<td>Agricultural Equipment Design and Fabrication</td>
<td><strong>Information Technology</strong></td>
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<tr>
<td>Agricultural Laboratory and Field Experience</td>
<td>Computer Technician Practicum</td>
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### Proposed New Courses—Batch B

<table>
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<tr>
<th>Health Science</th>
<th>Law, Public Safety, Corrections, and Security</th>
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<tbody>
<tr>
<td>Health Science Clinical</td>
<td>Criminal Investigations</td>
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<tr>
<td>Mathematics for Medical Professionals</td>
<td>STEM</td>
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<tr>
<td>Health Informatics</td>
<td>Robotics II</td>
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<td>Pharmacology</td>
<td>Biotechnology II</td>
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## Proposed New Courses—Batch B

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<tbody>
<tr>
<td>Diesel Equipment Technology I and II</td>
<td>Collision Repair and Refinishing II</td>
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<tr>
<td>Automotive Basics I and II</td>
<td>Introduction to Transportation Technology</td>
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<tr>
<td>Finance</td>
<td>Manufacturing</td>
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<tr>
<td>Financial Mathematics</td>
<td>Introduction to Welding</td>
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</table>
## CTE TEKS Review Update

### Courses that Satisfy Specific Graduation Requirements

<table>
<thead>
<tr>
<th>BATCH A</th>
<th>BATCH B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting II</td>
<td>Mathematics</td>
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<tr>
<td>Applied Mathematics for Technical Professionals</td>
<td>Mathematics</td>
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<tr>
<td>Manufacturing Engineering Technology II</td>
<td>Mathematics</td>
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<tr>
<td></td>
<td>Mathematics for Medical Professionals*</td>
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<td>Robotics II*</td>
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<td>Biotechnology II*</td>
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<td></td>
<td>Computer Programming I and II*</td>
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<td>Financial Mathematics*</td>
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<td>Mathematics</td>
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<td></td>
<td>Mathematics for Medical Professionals*</td>
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<tr>
<td></td>
<td>Mathematics</td>
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* Not yet adopted by the State Board of Education
CTE TEKS Review Update

Elimination of Credit Ranges

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

Theory and Lab Courses
• General requirements encourage districts to offer the courses in a consecutive block.
• PEIMS coding will allow for theory-only and block options.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>PEIMS Course Code</th>
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</thead>
<tbody>
<tr>
<td>Graphic Design and Illustration</td>
<td>1</td>
<td>1234567</td>
</tr>
<tr>
<td>Graphic Design and Illustration and Lab</td>
<td>2</td>
<td>1234560</td>
</tr>
</tbody>
</table>
CTE TEKS Review Update

Practicum Courses
- All practicum courses will provide 2 credits
- Second-level practicum courses are under development and will provide a third possible credit.

Practicum in Hospitality and Tourism I, 2 credits
+ Practicum in Hospitality and Tourism II, 1 credit

3 credits
CTE TEKS Review Update

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 Review Update

Public Comments

• Public comments for the second half of CTE courses began June 5
• Public hearing on CTE TEKS revisions at July SBOE meeting
• Submit public comments at http://tea.texas.gov/About_TEA/Laws_and_Rules/SBOE_Rules_(TAC)/Proposed_State_Board_of_Education_Rules/
CTE TEKS Review Update

Where can I find the revised CTE TEKS?

- Once filed as adopted, the revised CTE TEKS will be available at
TEKS Update: Other Subjects

Which TEKS are about to change?

High School Mathematics

• Revisions to the mathematics TEKS were adopted by the SBOE in 2012.

• Revised high school mathematics TEKS will be implemented in the 2015-2016 school year.

• Please note there are some important changes to prerequisite requirements for the high school courses.
Which TEKS are about to change?

New High School Mathematics Courses
• Statistics and Algebraic Reasoning courses were adopted by the SBOE in 2015.
• The courses will be implemented in the 2015-2016 school year.
• These courses may satisfy advanced math requirements for graduation.
TEKS Review Update

Which TEKS are next for review?

English language arts and reading
Spanish language arts and reading

Monitor the TEKS Subject Area Review webpage for announcements and updates.

http://tea.texas.gov/index2.aspx?id=25769817636
Legislative Updates
SB 149

Alternative methods for satisfying certain public high school graduation requirements, including the use of individual graduation committees

Effective: May 11, 2015

Currently, all students must meet course completion and testing requirements in order to be awarded a high school diploma in Texas. This bill would create a process by which students could earn a high school diploma without meeting all of the testing requirements.

Each school district and open-enrollment charter school is required to establish an individual graduation committee (IGC) for each 11th or 12th grade student who fails to comply with the EOC assessment performance requirements for not more than two courses. The committee must be established at the end of or after the student’s 11th grade year to determine whether a student may qualify to graduate. A student may not graduate under this provision before the student’s 12th grade year. The IGC must recommend additional requirements for a student including additional remediation and either a project or portfolio. The IGC must also consider 15 criteria in determining whether a student is qualified to graduate.

This provision expires September 1, 2017.
Measures to support public school student academic achievement and high school, college, and career preparation

Effective: Immediately pending governor’s signature

• A rule may not limit the number of dual credit courses or semester credit hours in which a student may enroll while in high school or limit the number of dual credit courses or semester credit hours in which a student may enroll each semester or academic year.

• TEA must develop and make available to school districts in English, Spanish, and Vietnamese, uniform public outreach materials that explain the importance and outline the details of changes made by HB 5 (83rd Texas Legislature) and subsequent associated decisions by the SBOE.
• Each school district must provide instruction to students in grade seven or eight in preparing for high school, college, and a career. A district may provide the instruction as part of an existing CTE course designated by the SBOE as appropriate for that purpose or establish a new elective course through which to provide the instruction. A student must receive the instruction at least once in grade seven or grade eight.
• The Center for Teaching and Learning at the University of Texas at Austin must develop and make available postsecondary education and career counseling academies for school counselors and other postsecondary advisors employed by a school district as a middle school, junior high school, or high school.

• The Center must solicit input from TEA, school counselors, TWC, IHEs, and business, community and school leaders.

• The Center must develop an online instructional program that school districts may use in providing the instruction in high school, college, and career preparation to middle school students and the program must be structured for use as part of an existing course.

• A school counselor who attend an academy is entitled to receive a stipend in the amount determined by the Center.
• An IHE that administers the TSI assessment to students shall report to each school district from which assessed students graduated high school all available information regarding student scores and performance on the TSI and student demographics.

• A course offered for joint high school and junior college credit must be taught by a qualified instructor approved or selected by the public junior college.

• An instructor is qualified if the instructor holds:
  • a doctoral or master’s degree in the discipline that is the subject of the course;
  • a master’s degree in another discipline with a concentration that required completion of a minimum of 18 graduate semester hours in the discipline that is the subject of the course; or
  • for a course that is offered in an associate degree program and that is not designed for transfer to a baccalaureate degree program
    • a degree described in the first two bullets above
    • a baccalaureate degree in the discipline that is the subject of the course; or
    • an associate degree and demonstrated competencies in the discipline that is the subject of the course, as determined by THECB.

• Not later than the 60th day after receipt, a public junior college must approve or reject an application for approval to teach a course at a high school that is submitted by an instructor who is employed by the school district, organization, or other person that operates the high school with which the junior college entered into an agreement to offer the course.
HB 181

Information printed on high school diplomas

Effective: May 13, 2015

Removes the requirement that school districts print endorsements and performance acknowledgments on high school diplomas.
Prohibition of limitations on the number of dual credit courses or hours in which a public high school student may enroll

Effective: May 23, 2015

An administrative rule may not limit:

• the number of dual credit courses or hours in which a student may enroll while in high school;

• the number of dual credit courses or hours in which a student may enroll each semester or academic year; or

• the grade levels at which a high school student may be eligible to enroll in a dual credit course.
Inclusion of mental health in public services and health science career pathways

Effective: May 23, 2015

- The agency must include mental health professions in information that is provided to students related to health science careers.
- Mental health careers must be included as a possible pathway in the public services endorsement.
Development of career-oriented foreign language course

Effective: Immediately pending governor’s signature

The State Board of Education is required, in consultation with the commissioner of higher education and business and industry leaders, to develop an advanced high school language course that provides students with instruction in industry-related terminology that prepares them to communicate in a language other than English in a specific professional, business, or industry environment.
Authority of military personnel to obtain certification to teach CTE classes in public schools

Effective: Immediately pending governor’s signature

- To the extent that rules adopted by SBEC require a person seeking trades and industries education certification to hold a license or other professional credential for a specific trade, a person who is a current or former member of the U.S. armed services is considered to have satisfied the requirement if the person has experience in that trade obtained through military service.

- SBEC may not propose rules requiring a current or former member of the U.S. armed services who seeks CTE certification for a specific trade to hold a credential related to that trade or possess experience related to that trade other than experience in that trade obtained through military service.
Public school assessment, performance standards, and course requirements

Effective: Immediately pending governor’s signature

Current law specifically identifies the PSAT, the ACT-Plan, the SAT, and the ACT as assessments for which a student may earn a performance acknowledgment. This bill replaces specific references with more general references to college preparation assessments and preliminary college preparation assessments. Additionally, current law permits a student to earn a performance acknowledgment for earning a nationally or internationally recognized business or industry certification or license. This bill would add state recognized credentials.
Development and alignment by the THECB of curricula for certain educational programs

Effective: September 1, 2015

• THECB, with the assistance of an advisory committees composed of representatives of secondary education, postsecondary education, business and industry, other state agencies or licensing bodies, and other CTE experts, must develop CTE programs of study curricula.

• THECB may partner with TEA, TWC, and other state agencies to develop programs of study.
Limit on junior college courses that a high school student may enroll in for dual credit

Effective: Immediately pending governor’s signature

- Subject to rules adopted by the commissioner, time that a student participates in an approved off-campus instructional program must be counted as part of the minimum number of instructional hours required for a student to be considered a full-time student in average daily attendance (ADA) for funding purposes.

- The commissioner may approve off-campus instructional programs provide off campus by an entity other than a school district or open-enrollment charter school as a program in which participation by a student may be counted for purposes of determining ADA.

- The prohibition against a student’s ability to enroll in more than three courses for dual credit at a junior college if the junior college does not have a service area that includes the student's high school is repealed.
Jobs and Education for Texans (JET) Grant Program

Effective: Immediately pending governor’s signature

- The JET grant program is transferred from the comptroller to the Texas Workforce Commission.
- Beginning with the 2016-2017 academic year, TWC may award a JET grant to an independent school district if the district has entered into a partnership with a public junior college or public technical institute for the purpose of promoting CTE or offering dual credit courses to the district’s students.
Curriculum Program Updates
# New Texas Virtual School Network (TxVSN) Statewide Catalog Courses

<table>
<thead>
<tr>
<th>Career and Technical Education (CTE)</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Professional Communications</td>
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<tr>
<td><strong>Business, Management, and Administration</strong></td>
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<tr>
<td>Business English</td>
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<tr>
<td>Business Information Management II</td>
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<tr>
<td><strong>Finance</strong></td>
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<tr>
<td>Accounting I</td>
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<tr>
<td><strong>Health Science</strong></td>
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<tr>
<td>Anatomy and Physiology</td>
</tr>
<tr>
<td>Medical Terminology</td>
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<tr>
<td>Pathophysiology</td>
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New Texas Virtual School Network (TxVSN) Statewide Catalog Courses

<table>
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<tr>
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<tr>
<th>Technology Applications</th>
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<tbody>
<tr>
<td>Computer Science I</td>
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<tr>
<td>Computer Science II</td>
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</tbody>
</table>
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.
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, 2015.
• One exam will be reimbursed per student, up to $350 per exam.
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 and local business, labor, and community leaders to develop and provide the course(s).
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.

• The Locally Developed Course/Activity District Form is available on the [Foundation High School Program](#) webpage.
Special Education Graduation Rules

Texas Administrative Code (TAC) §89.1070

• Effective January 2, 2015

• Updates graduation requirements for students who receive special education services and are graduating on the Minimum High School Program (MHSP), the Recommended High School Program (RHSP), or the Distinguished Achievement Program (DAP)

• Adds graduation requirements for students who receive special education services and are graduating on the Foundation High School Program
Endorsements
A student receiving special education services may earn an endorsement if the student:

- satisfactorily completes all of the Foundation High School Program requirements with or without modified curriculum;
- satisfactorily completes the courses required for an endorsement without any modified curriculum; and
- performs satisfactorily on the required state assessments.
Special Education Graduation Rules

Please Note—
In order for a student receiving special education services to use a course to satisfy both a Foundation High School Program requirement and an endorsement requirement, the student must satisfactorily complete the course \textit{without} any modified curriculum.

Rules for TAC §89.1070 are available online at http://ritter.tea.state.tx.us/rules/tac/chapter089/ch089a.html#89.1070
Contact the Curriculum Division
Coming Soon

The Spring Curriculum Newsletter will be available this month at
http://tea.texas.gov/index2.aspx?id=2147486096&menu_id=720&menu_id2=785&cid=2147483654
TEA Listserv Bulletins

Join TEA listserv bulletins for updates and announcements.

http://miller.tea.state.tx.us/list/
Curriculum Listserv Bulletins

- AP/IB
- Bilingual/ESL Education
- Counselors in Schools
- Early Childhood Education
- English Language Arts-Reading
- Fine Arts
- Foster Care and Student Success
- Gifted/Talented Education
- Health and Physical Education
- Languages Other Than English
- Mathematics
- Science
- Social Studies
- Texas Literacy Initiative
- Technology Applications
Questions?

Contact TEA’s Curriculum Division

• By email at curriculum@tea.texas.gov
• By telephone at (512) 463-9581
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