Curriculum Update

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CTE LEADERSHIP ACADEMY
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House Bill 5

This site will provide you with information regarding House Bill 5, 83rd Texas Legislature, Regular Session, 2013.

Proposal approved by State Board of Education (SBOE) for second reading and final adoption at January 2014 meeting (PDF, 200KB)

Resources

General Overview of Foundation High School Program--February 2014 (PDF, 302KB)
Graduation Programs Side by Side (PDF, 308KB)
Foundation High School Program FAQs--March 2014 (PDF, 549KB)
Endorsement FAQs--March 2014 (PDF, 854KB)
Performance Acknowledgment FAQs--coming soon
Other HB 5 FAQs

The SBOE is expected to make decisions regarding the new graduation requirements that will be implemented beginning with the **2014-2015 school year** on the following timeline:

- **September 17** Public Hearing
- **September 18** Discussion of HB 5 Rules
- **November** First Reading and Filing Authorization
- **December** Official Public Comment Period
- **January** Second Reading and Final Adoption

General Overview Slides of HB 5 with SBOE Decision Points (PDF, 402KB)

The State Board of Education will consider the following draft proposed rules for the Foundation High School Program for first reading and filing authorization at the November 2013 meeting. Proposed rules are based on guidance provided by the SBOE at the September 2013 meeting.

How Do I... Find information about HB 5 graduation requirements?
Upcoming Review of CTE
Texas Essential Knowledge and Skills
The State Board of Education (SBOE) has announced the committees for the review and revision of the CTE Texas Essential Knowledge and Skills (TEKS).

Committees are charged with making recommendations to the SBOE for revisions to the current TEKS.

Updates and announcements regarding the CTE TEKS review will be available at http://www.tea.state.tx.us/index2.aspx?id=25769807883.
CTE TEKS Review

Expected timeline for CTE TEKS review

• CTE TEKS review committees convene, June and July 2014
• Committees finalize draft recommendations, September 2014.
• TEA collects informal feedback on draft recommendations, September - October 2014
• Committees finalize recommendations, October 2014
• SBOE conducts public hearing and first reading and filing authorization, January 2015
Expected timeline for CTE TEKS review

- **Official public comment period**, mid-February to April 2015
- **SBOE public hearing** and second reading and final adoption, April 2015
- Expected implementation, 2017-2018
Foundation High School Program
Update
Foundation High School Program

- Implemented by House Bill (HB) 5, 83rd Texas Legislature, 2013
- HB 5 directed the SBOE to adopt rules for the new Foundation High School Program
- HB 5 directed the commissioner of education to adopt a transition plan allowing students who entered high school prior to 2014-2015 to graduate on the Foundation High School Program
Foundation High School Program

Texas Administrative Code, §74.1021
- Commissioner’s transition plan allowing students on the MHSP, RHSP, and DAP to opt over to the Foundation High School Program **beginning with the 2014-2015 school year.**
  - Students who are in grade 9, 10, or 11 in the 2013-2014 school year must be given a choice to graduation the MHSP, RHSP, DAP, or Foundation High School Program.

Texas Administrative Code, §74.1022
- Commissioner’s rules allowing fourth-year seniors who are unable to complete the requirements of one of the current graduation programs to graduate foundation only in **spring/summer 2014.**
  - [http://ritter.tea.state.tx.us/rules/tac/chapter074/cho74bb.html](http://ritter.tea.state.tx.us/rules/tac/chapter074/cho74bb.html)

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## Graduation Program Side by Side

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Foundation HSP</th>
<th>*MHSP</th>
<th>*RHSP</th>
<th>*DAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language Arts</td>
<td>Four credits:</td>
<td>Four credits:</td>
<td>Four credits:</td>
<td>Four credits:</td>
</tr>
<tr>
<td></td>
<td>• English I</td>
<td>• English I</td>
<td>• English I</td>
<td>• English I</td>
</tr>
<tr>
<td></td>
<td>• English II</td>
<td>• English II</td>
<td>• English II</td>
<td>• English II</td>
</tr>
<tr>
<td></td>
<td>• English III</td>
<td>• English III</td>
<td>• English III</td>
<td>• English III</td>
</tr>
<tr>
<td></td>
<td>• An advanced English course</td>
<td>• English IV or approved alternate course</td>
<td>• English IV</td>
<td>• English IV</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Three credits:</td>
<td>Three credits:</td>
<td>Four credits:</td>
<td>Four credits:</td>
</tr>
<tr>
<td></td>
<td>• Algebra I</td>
<td>• Algebra I</td>
<td>• Algebra I</td>
<td>• Algebra I</td>
</tr>
<tr>
<td></td>
<td>• Geometry</td>
<td>• Geometry</td>
<td>• Algebra II</td>
<td>• Algebra II</td>
</tr>
<tr>
<td></td>
<td>• An advanced math course</td>
<td>• SBOE approved math course</td>
<td>• Geometry</td>
<td>• Geometry</td>
</tr>
<tr>
<td>Science</td>
<td>Three credits:</td>
<td>Two credits:</td>
<td>Four credits:</td>
<td>Four credits:</td>
</tr>
<tr>
<td></td>
<td>• Biology</td>
<td>• Biology</td>
<td>• Biology</td>
<td>• Biology</td>
</tr>
<tr>
<td></td>
<td>• IPC or an advanced science course</td>
<td>• IPC or Chemistry and Physics (one of the</td>
<td>• Chemistry</td>
<td>• Chemistry</td>
</tr>
<tr>
<td></td>
<td>• An advanced science course</td>
<td>two serves as an academic elective)</td>
<td>• Physics</td>
<td>• Physics</td>
</tr>
<tr>
<td>Social Studies</td>
<td>Three credits:</td>
<td>Three credits:</td>
<td>Four credits:</td>
<td>Four credits:</td>
</tr>
<tr>
<td></td>
<td>• U.S. History</td>
<td>• U.S. History (one credit)</td>
<td>• U.S. History (one credit)</td>
<td>• U.S. History (one credit)</td>
</tr>
<tr>
<td></td>
<td>• U.S. Government (one-half credit)</td>
<td>• U.S. Government (one-half credit)</td>
<td>• U.S. Government (one-half credit)</td>
<td>• U.S. Government (one-half credit)</td>
</tr>
<tr>
<td></td>
<td>• Economics (one-half credit)</td>
<td>• Economics (one-half credit)</td>
<td>• Economics (one-half credit)</td>
<td>• Economics (one-half credit)</td>
</tr>
<tr>
<td></td>
<td>• World History or World Geography</td>
<td>• World History (one credit) or World Geography (one credit)</td>
<td>• World History (one credit)</td>
<td>• World Geography (one credit)</td>
</tr>
<tr>
<td>Physical Education</td>
<td>One credit</td>
<td>One credit</td>
<td>One credit</td>
<td>One credit</td>
</tr>
<tr>
<td>Languages Other Than</td>
<td>Two credits in the same language</td>
<td>One credit</td>
<td>One credit</td>
<td>One credit</td>
</tr>
<tr>
<td>English</td>
<td>Two credits from Computer Science I, II, and III</td>
<td>One credit</td>
<td>One credit</td>
<td>One credit</td>
</tr>
<tr>
<td></td>
<td>(other substitutions)</td>
<td>One credit</td>
<td>One credit</td>
<td>One credit</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>One credit</td>
<td>One credit</td>
<td>One credit</td>
<td>One credit</td>
</tr>
<tr>
<td>Speech</td>
<td>Demonstrated proficiency in speech skills</td>
<td>One-half credit from either of the following:</td>
<td>One-half credit from either of the following:</td>
<td>One-half credit from either of the following:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Communication Applications</td>
<td>• Communication Applications</td>
<td>• Communication Applications</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Professional Communications (CTE)</td>
<td>• Professional Communications (CTE)</td>
<td>• Professional Communications (CTE)</td>
</tr>
<tr>
<td>Electives</td>
<td>Five credits</td>
<td>Seven and one half credits (one must be an</td>
<td>Five and one-half credits</td>
<td>Four and one-half credits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>academic elective)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Credits</td>
<td>22</td>
<td>22</td>
<td>26</td>
<td>26</td>
</tr>
</tbody>
</table>
Foundation High School Program

- 22 credits to graduate
  - 4 credits in English
  - 3 credits in math
  - 3 credits in science
  - 3 credits in social studies
  - 2 credits in language other than English
  - 1 credit in fine arts
  - 1 credit in physical education
  - 5 credits in electives
- Proficiency in speech skills

Foundation High School Program, plus Endorsement

- 26 credits to graduate
  - 4 credits in English
  - 4 credits in math
  - 4 credits in science
  - 3 credits in social studies
  - 2 credits in language other than English
  - 1 credit in fine arts
  - 1 credit in physical education
  - 7 credits in electives
- Proficiency in speech skills
- Course requirements for one endorsement

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Endorsement Requirements

Each school district must make available to high school students courses that allow a student to complete the curriculum requirements for **at least one endorsement**.

A school district that offers only one endorsement curriculum must offer the **multidisciplinary studies endorsement curriculum**.

A school district **defines advanced courses and determines a coherent sequence of courses for an endorsement area**, provided that prerequisites are followed.

A course completed as part of the set of four courses needed to satisfy an endorsement requirement **may also satisfy** a requirement under the foundation high school program, including an elective requirement.
# Endorsement Requirements—Math

<table>
<thead>
<tr>
<th>Fourth Mathematics Credit to Earn an Endorsement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra II</td>
<td>IB Mathematical Studies Standard Level (SL)</td>
</tr>
<tr>
<td>Precalculus</td>
<td>IB Mathematics SL</td>
</tr>
<tr>
<td>Advanced Quantitative Reasoning</td>
<td>IB Mathematics Higher Level (HL)</td>
</tr>
<tr>
<td>Independent Study in Math</td>
<td>IB Further Mathematics HL</td>
</tr>
<tr>
<td>Discrete Mathematics for Problem Solving</td>
<td>Engineering Mathematics</td>
</tr>
<tr>
<td>AP Statistics</td>
<td>Statistics &amp; Risk Management</td>
</tr>
<tr>
<td>AP Calculus AB</td>
<td>Discrete Mathematics for Computer Science</td>
</tr>
<tr>
<td>AP Calculus BC</td>
<td>locally developed math course or other activity [pursuant to TEC, §28.002(g-1)]</td>
</tr>
<tr>
<td>AP Computer Science</td>
<td>mathematics course endorsed by an IHE [pursuant to TEC, §28.025(b-5)]</td>
</tr>
<tr>
<td>* Math Models (for the 2014-2015 school year only)</td>
<td>College Prep Math [pursuant to TEC, §28.014]</td>
</tr>
<tr>
<td>Algebraic Reasoning (in development for implementation in 2015-2016)</td>
<td>Statistics (in development for implementation in 2015-2016)</td>
</tr>
</tbody>
</table>
## Endorsement Requirements—Science

<table>
<thead>
<tr>
<th>Fourth Science Credit to Earn an Endorsement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>IB Physics</td>
</tr>
<tr>
<td>Physics</td>
<td>IB Environmental Systems</td>
</tr>
<tr>
<td>Aquatic Science</td>
<td>Advanced Animal Science</td>
</tr>
<tr>
<td>Astronomy</td>
<td>Advanced Plant and Soil Science</td>
</tr>
<tr>
<td>Earth and Space Science</td>
<td>Anatomy and Physiology</td>
</tr>
<tr>
<td>Environmental Systems</td>
<td>Medical Microbiology</td>
</tr>
<tr>
<td>AP Biology</td>
<td>Pathophysiology</td>
</tr>
<tr>
<td>AP Chemistry</td>
<td>Food Science</td>
</tr>
<tr>
<td>AP Physics 1: Algebra-Based</td>
<td>Forensic Science</td>
</tr>
<tr>
<td>AP Physics 2: Algebra-Based</td>
<td>Advanced Biotechnology</td>
</tr>
<tr>
<td>AP Physics C</td>
<td>Principles of Technology</td>
</tr>
<tr>
<td>AP Environmental Science</td>
<td>Scientific Research &amp; Design</td>
</tr>
<tr>
<td>IB Biology</td>
<td>Engineering Design &amp; Problem Solving</td>
</tr>
<tr>
<td>IB Chemistry</td>
<td>Principles of Engineering</td>
</tr>
<tr>
<td>locally developed science course or other activity [pursuant to TEC, §28.002(g-1)]</td>
<td>science course endorsed by an IHE [pursuant to TEC, §28.025(b-5)]</td>
</tr>
</tbody>
</table>
A student may earn a STEM endorsement by completing foundation and general endorsement requirements including Algebra II, chemistry, and physics and one of the following:

(A) a coherent sequence courses for four or more credits in CTE that consists of at least two courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in a sequence. The courses may be selected from courses in all CTE career clusters or CTE innovative courses approved by the commissioner of education. The final course in the sequence must be selected from the STEM career cluster.
(B) a coherent sequence of four credits in computer science selected from the following:

- Fundamentals of Computer Science
- Discrete Mathematics for Computer Science
- Computer Science I
- Digital Forensics
- Computer Science II
- Game Programming and Design
- Computer Science III
- Mobile Application Development
- AP Computer Science
- Robotics Programming and Design
- IB Computer Science, Standard Level
- Independent Studies of Technology Applications
- IB Computer Science, Higher Level
(C) A total of five credits in mathematics by successfully completing Algebra I, geometry, Algebra II and two additional mathematics courses for which Algebra II is a prerequisite

(D) A total of five credits in science by successfully completing biology, chemistry, physics, and two additional science courses

(E) In addition to Algebra II, chemistry, and physics, a coherent sequence of three additional credits from no more than two of the areas listed in (A), (B), (C), and (D)
A student may earn a business and industry endorsement by completing foundation and general endorsement requirements and one of the following:

(A) a coherent sequence courses for four or more credits in CTE that consists of at least two courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in a sequence. The courses may be selected from courses in all CTE career clusters or CTE innovative courses approved by the commissioner of education.
The final course in the sequence must be selected from one of the following CTE career clusters:

- Agriculture, Food, & Natural Resources
- Marketing
- Architecture & Construction
- Information Technology
- Arts, Audio/Video Technology, & Communications
- Manufacturing
- Business Management & Administration
- Hospitality & Tourism
- Transportation, Distribution, & Logistics
- Finance

(B) four English elective credits by selecting three levels in one of the following areas:

- advanced broadcast journalism
- public speaking
- advanced journalism: newspaper
- debate
- advanced journalism: yearbook
Business and Industry

(C) four technology applications credits by selecting from the following:

- Digital Design and Media Production
- Web Communications
- Digital Art and Animation
- Web Design
- 3-D Modeling and Animation
- Web Game Development
- Digital Communications in the 21st Century
- Independent Study in Evolving/Emerging Technologies
- Digital Video and Audio Design

(D) a coherent sequence of four credits from (A), (B), or (C)
A student may earn a public services endorsement by completing foundation and general endorsement requirements and one of the following:

(A) a coherent sequence courses for four or more credits in CTE that consists of at least two courses in the same career cluster including at least one advanced CTE course which includes any course that is the third or higher course in a sequence. The courses may be selected from courses in all CTE career clusters or CTE innovative courses approved by the commissioner of education. The final course in the sequence must be selected from one of the following CTE career clusters:

- Education & Training
- Government & Public Administration
- Health Science
- Human Services
- Law, Public Safety, Corrections, & Security

(B) four courses in Junior Reserve Officer Training Corps (JROTC)
A student may earn an arts and humanities endorsement by completing foundation and general endorsement requirements and one of the following:

(A) a total of five social studies credits
(B) four levels of the same language in a language other than English
(C) two levels of the same language in a language other than English and two levels of a different language in a language other than English
(D) four levels of American sign language
(E) a coherent sequence of four credits by selecting courses from one or two categories or disciplines in fine arts or innovative courses approved by the commissioner
Arts and Humanities

(F) four English elective credits by selecting from the following:
- English IV
- Independent Study in English
- Literary Genres
- Creative Writing
- Research and Technical Writing
- Humanities
- Advanced Placement English Literature and Composition
- International Baccalaureate Language Studies A1 Higher Level
- Communication Applications
A student may earn a multidisciplinary studies endorsement by completing foundation and general endorsement requirements and one of the following:

(A) four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence

(B) four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics

(C) four credits in advanced placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, languages other than English, or fine arts
May a student earn more than one endorsement?

Yes. A district must allow a student to enroll in courses under more than one endorsement before the student's junior year.
Endorsement FAQs

Can a student change endorsements? When?

Yes. While a district is not required to offer all endorsements, a district must allow a student to choose, at any time, to earn an endorsement other than the endorsement the student previously indicated from among the available endorsements.
Endorsement FAQs

May a course satisfy both a foundation and an endorsement requirement?

Yes. A course completed as part of the set of four courses needed to satisfy an endorsement requirement may also satisfy a requirement under the Foundation High School Program, including an elective requirement. A student must still earn a total of 26 credits to graduate on the Foundation High School Program with an endorsement.
Endorsement FAQs

Who decides what constitutes a coherent sequence of courses?

Each local school district has the authority to determine a coherent sequence of courses and identify courses within that sequence as advanced courses for the purposes of satisfying an endorsement requirement, provided that prerequisites are followed.
Under the endorsements for which CTE courses are an option, is there a list of “advanced CTE courses that are the third or higher course in a sequence”?

There is not a list of such courses. A school district may define advanced CTE courses keeping in mind the requirement that the course be the third or higher course in a sequence.
Can Career Preparation be used as the final course in a sequence for an endorsement for which there are CTE course options?

No. Career Preparation may be used as one of the courses in the coherent sequence, but the final course must come from one of the career clusters listed in the rule.
Questions?

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CTE: career@tea.state.tx.us