

## 2010-2011 Graduation Requirements Highlights

- 1) The senior class of 2010-2011 will be the first class required to have 4 math and 4 science courses if graduating under the Recommended or Distinguished plans. (Referred to as the 4 X 4 plan)
- 2) Beginning in 2010-2011 health and technical applications courses are no longer required to graduate. (Though they may still be offered as electives)
- 3) The physical education requirement has been reduced to 1 credit for all graduation plans. Prior to this year the requirement has been 1 ½ and the state has allowed another ½ credit to be counted as an elective to- for a maximum of 2 credits. Starting next year the state will allow athletics to substitute for physical education for all four years (local option). It is up to the district to decide if we want to allow more than the one required physical education credit to count towards graduation.
- 4) The Distinguished graduation plan requires four advanced measures as stated at the bottom of the page. An advanced measure is defined by TEA as:

Advanced measures are those items that meet the two standards included in 19 TAC §74.13(a)(3): they reflect student performance at a college or professional level and are assessed by external evaluators. The items adopted by the State Board of Education as meeting those standards are as follows:

- Original research and/or project (no more than two):

- o judged by a panel of professionals in the field that is the focus of the project;
- o or conducted under the direction of mentor(s) and reported to an appropriate audience; and related to the required curriculum set forth in §74.1 relating to Essential Knowledge and Skills.

- Test data where a student receives:

- o a score of three or above on a College Board Advanced Placement examination;
- o a score of four or above on an International Baccalaureate examination;
- o a score on the PSAT that qualifies a student for recognition as a Commended Scholar or higher by the National Merit Scholarship Corporation; as part of the National Hispanic Scholar Program of the College Board; or as part of the National Achievement Scholarship program for Outstanding Negro Students of the National Merit Scholarship Corporation. The PSAT score may count as only one advanced measure regardless of the number of honors received by the student.

- College courses: college academic courses and tech-prep articulated college courses with a grade of 3.0 or higher. Students must earn at least four advanced measures and may do so in any combination. For example, one student might receive a score of three or higher on four Advanced Placement examinations. Another may have a score of three or higher on two Advanced Placement examinations, complete a project in a mentorship program, and achieve an "A" or "B" in a community college dual enrollment course. A third student could take two college courses for high school credit, produce a portfolio of exemplary work in a specific field, and be recognized as a National Merit Finalist

5) We must offer all courses available on the Tx VSN (Texas Virtual School Network) but we do not have to allow students to take Tx Vsn courses that are offered at Brackett High School. They do offer regular high school courses that we do not offer such as: German, French, Latin, Astronomy, Driver and Safety Education. These are the only things that they offer that we do not at this time. Dual Credit courses that Tx VSN offers that have not been available in the past are: Art 1301, Computer Programming 1336, American Literature 2326, Elementary Statistical Analysis 1308, Psychology 1315

## 2010-2011 Graduation Credit Requirements

Discipline	Minimum HSP	Recommended HSP	Distinguished Achievement Program*
<b>English Language Arts ♦</b>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>English I, II, and III</li> <li>English I and II for Speakers of Other Languages may be substituted for English I and II for students with limited English proficiency who are at the beginning or intermediate levels of English language proficiency.</li> <li>The fourth credit of English may be selected from any of the following: <ul style="list-style-type: none"> <li>English IV</li> <li>Research/Technical Writing</li> <li>Creative/Imaginative Writing</li> <li>Practical Writing Skills</li> <li>Literary Genres</li> <li>Business English (CTE)</li> <li>Journalism</li> <li>AP English Language Composition</li> <li>AP English Literature and Composition</li> </ul> </li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>English I, II, III, and IV</li> <li>English I and II for Speakers of Other Languages may be substituted for English I and II only for students with limited English proficiency who are at the beginning or intermediate levels of English language proficiency.</li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>English I, II, III, and IV</li> <li>English I and II for Speakers of Other Languages may be substituted for English I and II only for students with limited English proficiency who are at the beginning or intermediate levels of English language proficiency.</li> </ul>
<b>Mathematics ♦</b>	<b>Three credits:</b> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>The third credit may be selected from any of the following: <ul style="list-style-type: none"> <li>Algebra II</li> <li>Precalculus</li> <li>Mathematical Models with Applications</li> <li>Independent Study in Mathematics</li> <li>AP Statistics</li> <li>AP Calculus AB</li> <li>AP Calculus BC</li> <li>AP Computer Science</li> <li>IB Mathematical Studies Standard Level</li> <li>IB Mathematics Standard Level</li> <li>IB Mathematics Higher Level</li> <li>IB Further Mathematics Standard Level</li> <li>Mathematical Applications in Agriculture, Food, and Natural Resources (CTE)</li> <li>Engineering Mathematics (CTE)</li> <li>Statistics and Risk Management (CTE)</li> </ul> </li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>Algebra II</li> <li>The additional credit may be selected from either of the following and must be successfully completed prior to Algebra II: <ul style="list-style-type: none"> <li>Mathematical Models with Applications</li> <li>Mathematical Applications in Agriculture, Food, and Natural Resources (CTE)</li> </ul> </li> <li>The fourth credit may be selected from the following after successful completion of Algebra I, Geometry, and Algebra II: <ul style="list-style-type: none"> <li>Precalculus</li> <li>Independent Study in Mathematics</li> <li>AP Statistics</li> <li>AP Calculus AB</li> <li>AP Calculus BC</li> <li>AP Computer Science</li> <li>IB Mathematical Studies Standard Level</li> <li>IB Mathematics Standard Level</li> <li>IB Mathematics Higher Level</li> <li>IB Further Mathematics Standard Level</li> <li>Engineering Mathematics (CTE)</li> <li>Statistics and Risk Management (CTE)</li> </ul> </li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>Algebra II</li> <li>The fourth credit may be selected from any of the following after successful completion of Algebra I, Algebra II, and Geometry: <ul style="list-style-type: none"> <li>Precalculus</li> <li>Independent Study in Mathematics</li> <li>AP Statistics</li> <li>AP Calculus AB</li> <li>AP Calculus BC</li> <li>AP Computer Science</li> <li>IB Mathematical Studies Standard Level</li> <li>IB Mathematics Standard Level</li> <li>IB Mathematics Higher Level</li> <li>IB Further Mathematics Standard Level</li> <li>Engineering Mathematics (CTE)</li> <li>Statistics and Risk Management (CTE)</li> </ul> </li> </ul>

♦ College Board advanced placement, college-level concurrent/dual enrollment, and International Baccalaureate courses may be substituted for requirements in appropriate areas.

\* Distinguished Achievement Program requirements also include student achievement of four advanced measures.

<b>Science ♦</b>	<b>Two credits:</b> <ul style="list-style-type: none"> <li>• Biology</li> <li>• Integrated Physics and Chemistry</li> </ul> <p>May substitute Chemistry or Physics for IPC but must use the other as academic elective credit</p>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>• Biology, AP Biology, or IB Biology</li> <li>• Chemistry, AP Chemistry, or IB Chemistry</li> <li>• Physics, Principles of Technology, AP Physics, or IB Physics</li> <li>• The additional credit may be IPC and must be successfully completed prior to chemistry and physics.</li> <li>• The fourth credit may be selected from any of the following: <ul style="list-style-type: none"> <li>▪ Aquatic Science</li> <li>▪ Astronomy</li> <li>▪ Earth and Space Science</li> <li>▪ Environmental Systems</li> <li>▪ AP Biology</li> <li>▪ AP Chemistry</li> <li>▪ AP Physics B</li> <li>▪ AP Physics C</li> <li>▪ AP Environmental Science</li> <li>▪ IB Biology</li> <li>▪ IB Chemistry</li> <li>▪ IB Physics</li> <li>▪ IB Environmental Systems</li> <li>▪ Scientific Research and Design (CTE)</li> <li>▪ Anatomy and Physiology (CTE)</li> <li>▪ Engineering Design and Problem Solving (CTE)</li> <li>▪ Medical Microbiology (CTE)</li> <li>▪ Pathophysiology (CTE)</li> <li>▪ Advanced Animal Science (CTE)</li> <li>▪ Advanced Biotechnology (CTE)</li> <li>▪ Advanced Plant and Soil Science (CTE)</li> <li>▪ Food Science (CTE)</li> <li>▪ Forensic Science (CTE)</li> </ul> </li> </ul>	<b>Four credits:</b> <ul style="list-style-type: none"> <li>• Biology, AP Biology, or IB Biology</li> <li>• Chemistry, AP Chemistry, or IB Chemistry</li> <li>• Physics, AP Physics, or IB Physics</li> <li>• After successful completion of a biology course, a chemistry course, and a physics course, the fourth credit may be selected from any of the following: <ul style="list-style-type: none"> <li>▪ Aquatic Science</li> <li>▪ Astronomy</li> <li>▪ Earth and Space Science</li> <li>▪ Environmental Systems</li> <li>▪ AP Biology</li> <li>▪ AP Chemistry</li> <li>▪ AP Physics B</li> <li>▪ AP Physics C</li> <li>▪ AP Environmental Science</li> <li>▪ IB Biology</li> <li>▪ IB Chemistry</li> <li>▪ IB Physics</li> <li>▪ IB Environmental Systems</li> <li>▪ Scientific Research and Design (CTE)</li> <li>▪ Anatomy and Physiology (CTE)</li> <li>▪ Engineering Design and Problem Solving (CTE)</li> <li>▪ Medical Microbiology (CTE)</li> <li>▪ Pathophysiology (CTE)</li> <li>▪ Advanced Animal Science (CTE)</li> <li>▪ Advanced Biotechnology (CTE)</li> <li>▪ Advanced Plant and Soil Science (CTE)</li> <li>▪ Food Science (CTE)</li> <li>▪ Forensic Science (CTE)</li> </ul> </li> </ul>
<b>Social Studies ♦</b>	<b>Two and one-half credits:</b> <ul style="list-style-type: none"> <li>• U.S. History Studies Since Reconstruction (one credit)</li> <li>• U.S. Government (one-half credit)</li> <li>• The final credit may be selected from the following: <ul style="list-style-type: none"> <li>▪ World History Studies (one credit)</li> <li>▪ World Geography Studies (one credit)</li> </ul> </li> </ul>	<b>Three and one-half credits:</b> <ul style="list-style-type: none"> <li>• World History Studies (one credit)</li> <li>• World Geography Studies (one credit)</li> <li>• U.S. History Studies Since Reconstruction (one credit)</li> <li>• U.S. Government (one-half credit)</li> </ul>	<b>Three and one-half credits:</b> <ul style="list-style-type: none"> <li>• World History Studies (one credit)</li> <li>• World Geography Studies (one credit)</li> <li>• U.S. History Studies Since Reconstruction (one credit)</li> <li>• U.S. Government (one-half credit)</li> </ul>
<b>Economics with emphasis on the free enterprise system and its benefits ♦</b>	<b>One-half credit</b>	<b>One-half credit</b>	<b>One-half credit</b>

♦ College Board advanced placement, college-level concurrent/dual enrollment, and International Baccalaureate courses may be substituted for requirements in appropriate areas.

\* Distinguished Achievement Program requirements also include student achievement of four advanced measures.

<b>Academic Elective</b>	<b>One credit from any of the following:</b> <ul style="list-style-type: none"> <li>• World History Studies</li> <li>• World Geography Studies</li> <li>• Any science course approved by SBOE (If substituting Chemistry or Physics for IPC, must use the other as academic elective credit here.)</li> </ul>	None	None
<b>Languages Other Than English ♦</b>	None	<b>Two credits:</b> The credits must consist of any two levels in the same language.	<b>Three credits:</b> The credits must consist of any three levels in the same language.
<b>Physical Education</b>	<b>One credit:</b> <ul style="list-style-type: none"> <li>• The required credit may be from any combination of the following one-half to one credit courses: <ul style="list-style-type: none"> <li>▪ Foundations of Personal Fitness</li> <li>▪ Adventure/Outdoor Education</li> <li>▪ Aerobic Activities</li> <li>▪ Team or Individual Sports</li> </ul> </li> <li>• In accordance with local district policy, credit for any of the courses listed above may be earned through participation in the following activities: <ul style="list-style-type: none"> <li>▪ Athletics</li> <li>▪ JROTC</li> <li>▪ Appropriate private or commercially-sponsored physical activity programs conducted on or off campus</li> </ul> </li> <li>• In accordance with local district policy, up to one credit for any one of the courses listed above may be earned through participation in any of the following activities: <ul style="list-style-type: none"> <li>▪ Drill Team</li> <li>▪ Marching Band</li> <li>▪ Cheerleading</li> </ul> </li> <li>• All allowed substitution activities must include at least 100 minutes per five-day school week of moderate to vigorous physical activity.</li> <li>• Credit may not be earned for any TEKS-based course more than once. No more than four substitution credits may be earned through any combination of substitutions.</li> </ul>	<b>One credit:</b> <ul style="list-style-type: none"> <li>• The required credit may be from any combination of the following one-half to one credit courses: <ul style="list-style-type: none"> <li>▪ Foundations of Personal Fitness</li> <li>▪ Adventure/Outdoor Education</li> <li>▪ Aerobic Activities</li> <li>▪ Team or Individual Sports</li> </ul> </li> <li>• In accordance with local district policy, credit for any of the courses listed above may be earned through participation in the following activities: <ul style="list-style-type: none"> <li>▪ Athletics</li> <li>▪ JROTC</li> <li>▪ Appropriate private or commercially-sponsored physical activity programs conducted on or off campus</li> </ul> </li> <li>• In accordance with local district policy, up to one credit for any one of the courses listed above may be earned through participation in any of the following activities: <ul style="list-style-type: none"> <li>▪ Drill Team</li> <li>▪ Marching Band</li> <li>▪ Cheerleading</li> </ul> </li> <li>• All allowed substitution activities must include at least 100 minutes per five-day school week of moderate to vigorous physical activity.</li> <li>• Credit may not be earned for any TEKS-based course more than once. No more than four substitution credits may be earned through any combination of substitutions.</li> </ul>	<b>One credit:</b> <ul style="list-style-type: none"> <li>• The required credit may be from any combination of the following one-half to one credit courses: <ul style="list-style-type: none"> <li>▪ Foundations of Personal Fitness</li> <li>▪ Adventure/Outdoor Education</li> <li>▪ Aerobic Activities</li> <li>▪ Team or Individual Sports</li> </ul> </li> <li>• In accordance with local district policy, credit for any of the courses listed above may be earned through participation in the following activities: <ul style="list-style-type: none"> <li>▪ Athletics</li> <li>▪ JROTC</li> <li>▪ Appropriate private or commercially-sponsored physical activity programs conducted on or off campus</li> </ul> </li> <li>• In accordance with local district policy, up to one credit for any one of the courses listed above may be earned through participation in any of the following activities: <ul style="list-style-type: none"> <li>▪ Drill Team</li> <li>▪ Marching Band</li> <li>▪ Cheerleading</li> </ul> </li> <li>• All allowed substitution activities must include at least 100 minutes per five-day school week of moderate to vigorous physical activity.</li> <li>• Credit may not be earned for any TEKS-based course more than once. No more than four substitution credits may be earned through any combination of substitutions.</li> </ul>
<b>Health Education</b>	None	None	None
<b>Speech</b>	<b>One-half credit from either of the following:</b> <ul style="list-style-type: none"> <li>• Communication Applications</li> <li>• Professional Communications (CTE)</li> </ul>	<b>One-half credit from either of the following:</b> <ul style="list-style-type: none"> <li>• Communication Applications</li> <li>• Professional Communications (CTE)</li> </ul>	<b>One-half credit from either of the following:</b> <ul style="list-style-type: none"> <li>• Communication Applications</li> <li>• Professional Communications (CTE)</li> </ul>
<b>Technology Applications ♦</b>	None	None	None

♦ College Board advanced placement, college-level concurrent/dual enrollment, and International Baccalaureate courses may be substituted for requirements in appropriate areas.

\* Distinguished Achievement Program requirements also include student achievement of four advanced measures.

<b>Fine Arts ♦</b>	<p>None for students who entered Grade 9 before 2010-11.</p> <p>One credit for students who enter Grade 9 in 2010-11 or later from any of the following:</p> <ul style="list-style-type: none"> <li>• Art, Level I, II, III, or IV</li> <li>• Dance, Level I, II, III, or IV</li> <li>• Music, Level I, II, III, or IV</li> <li>• Theatre, Level I, II, III, or IV;</li> <li>• Principles and Elements of Floral Design (CTE)</li> </ul>	<p>One credit from any of the following:</p> <ul style="list-style-type: none"> <li>• Art, Level I, II, III, or IV</li> <li>• Dance, Level I, II, III, or IV</li> <li>• Music, Level I, II, III, or IV</li> <li>• Theatre, Level I, II, III, or IV</li> <li>• Principles and Elements of Floral Design (CTE)</li> </ul>	<p>One credit from any of the following:</p> <ul style="list-style-type: none"> <li>• Art, Level I, II, III, or IV</li> <li>• Dance, Level I, II, III, or IV</li> <li>• Music, Level I, II, III, or IV</li> <li>• Theatre, Level I, II, III, or IV</li> <li>• Principles and Elements of Floral Design (CTE)</li> </ul>
<b>Elective Courses ♦</b>	<p>Seven and one-half credits from any of the following:</p> <ul style="list-style-type: none"> <li>• The list of courses approved by the SBOE for Grades 9-12 (relating to Essential Knowledge and Skills)</li> <li>• State-approved innovative courses</li> <li>• JROTC (one to four credits)</li> <li>• Driver Education (one-half credit)</li> </ul> <p>* For students who enter Grade 9 in 2010-11 or later, the number of electives will be six and one-half credits.</p>	<p>Five and one-half credits from any of the following:</p> <ul style="list-style-type: none"> <li>• The list of courses approved by the SBOE for Grades 9-12 (relating to Essential Knowledge and Skills)</li> <li>• State-approved innovative courses</li> <li>• JROTC (one to four credits)</li> <li>• Driver Education (one-half credit)</li> </ul>	<p>Four and one-half credits from any of the following:</p> <ul style="list-style-type: none"> <li>• The list of courses approved by the SBOE for Grades 9-12 (relating to Essential Knowledge and Skills)</li> <li>• State-approved innovative courses</li> <li>• JROTC (one to four credits)</li> <li>• Driver Education (one-half credit)</li> </ul>
<b>Total Credits</b>	<b>22</b>	<b>26</b>	<b>26</b>

♦ College Board advanced placement, college-level concurrent/dual enrollment, and International Baccalaureate courses may be substituted for requirements in appropriate areas.

\* Distinguished Achievement Program requirements also include student achievement of four advanced measures.