2012 – 2013 Graduation Credit Requirements

Discipline	Minimum High School Program	Recommended High School Program	Distinguished Achievement Program*
English Language Arts♦	**Four credits** to include: • **English I, II, III** • The fourth credit may be selected from the following: • English IV • Research/Technical Writing • Literary Genres • Creative Writing • Practical Writing Skills • Business English (CTE) • Journalism • Approved AP English courses **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.	**Four credits** to include: • **English I, II, III and IV** **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.	**Four credits** to include: • **English I, II, III and IV** **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.
Mathematics♦	**Three credits** to include: • **Algebra I** • **Geometry** • The third credit may be Algebra II • The third credit may be selected from one full credit or a combination of two half credits from the following: • Precalculus • Mathematical Models with Applications • Independent Study in Mathematics • Advanced Quantitative Reasoning • AP Statistics • AP Calculus AB • AP Calculus BC • AP Computer Science • IB Mathematical Studies Standard Level • IB Mathematics Standard Level • IB Mathematics Higher Level • IB Further Mathematics Standard Level • Mathematical Applications in Agriculture, Food, and Natural Resources (CTE) • Engineering Mathematics (CTE) • Statistics and Risk Management (CTE)	**Four credits** to include: • **Algebra I** • **Geometry** • **Algebra II** • The additional credit may be Mathematical Models with Applications and must be completed *prior* to Algebra II. • The fourth credit may be selected from the following: • Precalculus • AP Calculus AB • AP Statistics • AP Calculus BC • AP Computer Science • Independent Study in Mathematics • Advanced Quantitative Reasoning • IB Mathematical Studies Standard Level • IB Mathematics Standard Level • IB Mathematics Higher Level • IB Further Mathematics Standard Level • The fourth credit may be selected from the following courses and may be taken after the completion of Algebra I and Geometry and either after the completion of or concurrently with Algebra II: • Engineering Mathematics (CTE) • Statistics and Risk Management (CTE) • Mathematical Applications in Agriculture, Food, and Natural Resources (CTE)	**Four credits** to include: • **Algebra I** • **Geometry** • **Algebra II** • The fourth credit may be selected from any of the following after successful completion of Algebra I, Algebra II, and Geometry: • Precalculus • Advanced Quantitative Reasoning • AP Statistics • AP Calculus AB • AP Calculus BC • AP Computer Science • Independent Study in Mathematics • IB Mathematical Studies Standard Level • IB Mathematics Standard Level • IB Mathematics Higher Level • IB Further Mathematics Standard Level • The fourth credit may be selected from the following courses and may be taken after the completion of Algebra I and Geometry and either after the completion of or concurrently with Algebra II: • Engineering Mathematics (CTE) • Statistics and Risk Management (CTE)
Science♦	**Two credits** to include: • **Biology** • **Integrated Physics & Chemistry** May substitute a chemistry credit (Chemistry, AP Chemistry or IB Chemistry) or a physics credit (Physics, Principles of Technology, AP Physics or IB Physics) for IPC. Students must take both a chemistry course and a physics course to substitute for IPC. One course will satisfy the science credit and the other course must be used as academic elective credit.	**Four credits** to include: • **Biology, AP Biology, or IB Biology** • **Chemistry, AP Chemistry, or IB Chemistry** • **Physics, Principles of Technology, AP or IB Physics** • The additional credit may be IPC and must be successfully completed *prior* to chemistry and physics. • The fourth credit may be selected from the following: • Aquatic Science • Earth and Space Science • Astronomy • Environmental Systems • AP Biology • AP Physics B • AP Chemistry • AP Physics C • AP Environmental Science • IB Biology • IB Chemistry • IB Physics • IB Environmental Systems • The fourth credit may be selected from the following courses and may be taken after the completion of biology and chemistry and either after the completion of or concurrently with physics: • Scientific Research and Design (CTE) • Anatomy and Physiology (CTE) • Engineering Design and Problem Solving (CTE) • Medical Microbiology (CTE) • Pathophysiology (CTE) • Advanced Animal Science (CTE) • Advanced Biotechnology (CTE) • Advanced Plant and Soil Science (CTE) • Food Science (CTE) • Forensic Science (CTE)	**Four credits** to include: • **Biology, AP Biology, or IB Biology** • **Chemistry, AP Chemistry, or IB Chemistry** • **Physics, AP or IB Physics** • The fourth credit may be selected from the following: • Aquatic Science • Earth and Space Science • Astronomy • Environmental Systems • AP Biology • AP Physics B • AP Chemistry • AP Physics C • AP Environmental Science • IB Biology • IB Chemistry • IB Physics • IB Environmental Systems • The fourth credit may be selected from the following courses and may be taken after the completion of biology and chemistry and either after the completion of or concurrently with physics: • Scientific Research and Design (CTE) • Anatomy and Physiology (CTE) • Engineering Design and Problem Solving (CTE) • Medical Microbiology (CTE) • Pathophysiology (CTE) • Advanced Animal Science (CTE) • Advanced Biotechnology (CTE) • Advanced Plant and Soil Science (CTE) • Food Science (CTE) • Forensic Science (CTE)
Social Studies♦	**Three credits** to include: • **U.S. History Studies Since 1877** (one credit) • **U.S. Government** (one-half credit) • **Economics with Emphasis on the Free Enterprise System and Its Benefits** (one-half credit) • The final credit may be selected from the following: • World History Studies (one credit) • World Geography Studies (one credit)	**Four credits** to include: • **World History Studies** (one credit) • **World Geography Studies** (one credit) • **U.S. History Studies Since 1877** (one credit) • **U.S. Government** (one-half credit) • **Economics with Emphasis on the Free Enterprise System and Its Benefits** (one-half credit)	**Four credits** to include: • **World History Studies** (one credit) • **World Geography Studies** (one credit) • **U.S. History Studies Since 1877** (one credit) • **U.S. Government** (one-half credit) • **Economics with Emphasis on the Free Enterprise System and Its Benefits** (one-half credit)
Academic Elective	**One credit** from any of the following: • **World History Studies** • **World Geography Studies** • Any science course approved by SBOE (if substituting Chemistry or Physics for IPC, must use other as academic elective credit here.)	**None**	**None**
Languages Other Than English♦	**None**	**Two credits:** The credits must consist of any two levels in the same language.	**Three credits:** The credits must consist of any three levels in the same language.
Physical Education	**One credit:** applies to all 3 programs • The required credit may be from any combination of the following one-half to one credit courses: • Foundations of Personal Fitness • Adventure/Outdoor Education • Aerobic Activities • Team or Individual Sports • In accordance with local district policy, credit for any of the courses listed above may be earned through participation in the following activities: • Athletics • JROTC • Appropriate private or commercially-sponsored physical activity programs conducted on or off campus • 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: • Drill Team • Marching Band • Cheerleading • All allowed substitution activities must include at least 100 minutes per five-day school week of moderate to vigorous physical activity. Credit may not be earned for any TEKS-based course more than once. No more than four credits may be earned through any combination of substitutions. *A student who is unable to participate in physical activity due to disability or illness may substitute an academic elective credit (English language arts, math, science or social studies).*		
Speech	**One-half credit** from either of the following: • Communication Applications or • Professional Communications (CTE)	**One-half credit** from either of the following: • Communication Applications or • Professional Communications (CTE)	**One-half credit** from either of the following: • Communication Applications or • Professional Communications (CTE)
Fine Arts♦	**One credit** from any of the following: • Art, Level I, II, III, or IV • Dance, Level I, II, III, or IV • Music, Level I, II, III, or IV • Theatre, Level I, II, III, or IV • Principles and Elements of Floral Design (CTE) • Digital Art and Animation (Tech App) • 3-D Modeling and Animation (Tech Apps)	**One credit** from any of the following: • Art, Level I, II, III, or IV • Dance, Level I, II, III, or IV • Music, Level I, II, III, or IV • Theatre, Level I, II, III, or IV • Principles and Elements of Floral Design (CTE) • Digital Art and Animation (Tech App) • 3-D Modeling and Animation (Tech Apps)	**One credit** from any of the following: • Art, Level I, II, III, or IV • Dance, Level I, II, III, or IV • Music, Level I, II, III, or IV • Theatre, Level I, II, III, or IV • Principles and Elements of Floral Design (CTE) • Digital Art and Animation (Tech App) • 3-D Modeling and Animation (Tech Apps)
Elective Courses♦	**Six and one-half credits** from any of the following: • The list of courses approved by the SBOE for grades 9-12 (relating to Essential Knowledge and Skills) • State-approved innovative courses • JROTC (one to four credits) • Driver Education (one-half credit)	**Five and one-half credits:** from any of the following • The list of courses approved by the SBOE for grades 9-12 (relating to Essential Knowledge and Skills) • State-approved innovative courses • JROTC (one to four credits) • Driver Education (one-half credit)	**Four and one-half credits:** from any of the following • The list of courses approved by the SBOE for grades 9-12 (relating to Essential Knowledge and Skills) • State-approved innovative courses • JROTC (one to four credits) • Driver Education (one-half credit)
Total Credits	**22**	**26**	**26**

♦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. Details at http://ritter.tea.state.tx.us/rules/tac/chapter074/ch074g.html#74.74

Be sure to check with your local district, which may have additional graduation requirements. For all state requirements, visit www.tea.state.tx.us/graduation.aspx.