

Graduation Credit Requirements for Students Entering Ninth Grade Beginning in 2012-2013

Discipline	Minimum HSP	Recommended HSP	Distinguished Achievement Program*
English Language Arts ♦	<p>Four credits:</p> <ul style="list-style-type: none"> • English I, II, and III • 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. • The fourth credit of English may be selected from one full credit or a combination of two half credits of the following: <ul style="list-style-type: none"> ▪ English IV ▪ Research and Technical Writing ▪ Creative Writing ▪ Practical Writing Skills ▪ Literary Genres ▪ Business English (CTE) ▪ Journalism ▪ AP English Language and Composition ▪ AP English Literature and Composition 	<p>Four credits:</p> <ul style="list-style-type: none"> • English I, II, III, and IV • 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. 	<p>Four credits:</p> <ul style="list-style-type: none"> • English I, II, III, and IV • 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.
Mathematics ♦	<p>Three credits:</p> <ul style="list-style-type: none"> • Algebra I • Geometry • The final credit may be Algebra II. A student may not combine a half credit of Algebra II with a half credit from another mathematics course to satisfy the final mathematics credit requirement. • The final credit may be selected from one full credit or a combination of two half credits from any of the following: <ul style="list-style-type: none"> ▪ Precalculus ▪ Mathematical Models with Applications ▪ Independent Study in Mathematics ▪ Advanced Quantitative Reasoning (AQR) ▪ 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) 	<p>Four credits:</p> <ul style="list-style-type: none"> • Algebra I • Algebra II • Geometry • The additional credit may be Mathematical Models with Applications and must be successfully completed prior to Algebra II. • The fourth credit may be selected from any of the following: <ul style="list-style-type: none"> ▪ Precalculus ▪ Independent Study in Mathematics ▪ Advanced Quantitative Reasoning (AQR) ▪ 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 • The additional credit may be selected from the following and may be taken after successful completion of Algebra I and Geometry and either after successful completion of or concurrently with Algebra II: <ul style="list-style-type: none"> ▪ Engineering Mathematics (CTE) ▪ Mathematical Applications in Agriculture, Food, and Natural Resources (CTE) ▪ Statistics and Risk Management (CTE) 	<p>Four credits:</p> <ul style="list-style-type: none"> • Algebra I • Algebra II • Geometry • 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"> ▪ Precalculus ▪ Independent Study in Mathematics ▪ Advanced Quantitative Reasoning (AQR) ▪ 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 • The additional credit may be selected from the following courses and may be taken after successful completion of Algebra I and Geometry and either after successful completion of or concurrently with Algebra II: <ul style="list-style-type: none"> ▪ Engineering Mathematics (CTE) ▪ Statistics and Risk Management (CTE)

♦ 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. See [TAC §74.74\(d\)](#) for more information.

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Science ♦	<p>Two credits:</p> <ul style="list-style-type: none"> • Biology • Integrated Physics and Chemistry (IPC) <p>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 but must use the other of these two courses as the academic elective credit.</p>	<p>Four credits:</p> <ul style="list-style-type: none"> • Biology, AP Biology, or IB Biology • Chemistry, AP Chemistry, or IB Chemistry • Physics, Principles of Technology, AP Physics, 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 any of the following laboratory-based courses: <ul style="list-style-type: none"> ▪ Aquatic Science ▪ Astronomy ▪ Earth and Space Science ▪ Environmental Systems ▪ AP Biology ▪ AP Chemistry ▪ AP Physics B ▪ AP Physics C ▪ AP Environmental Science ▪ IB Biology ▪ IB Chemistry ▪ IB Physics ▪ IB Environmental Systems • The additional credit may be selected from the following laboratory-based courses and may be taken after successful completion of biology and chemistry and either after successful completion of or concurrently with physics: <ul style="list-style-type: none"> ▪ 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) 	<p>Four credits:</p> <ul style="list-style-type: none"> • Biology, AP Biology, or IB Biology • Chemistry, AP Chemistry, or IB Chemistry • Physics, AP Physics, or IB Physics • The fourth credit may be selected from any of the following laboratory-based courses: <ul style="list-style-type: none"> ▪ Aquatic Science ▪ Astronomy ▪ Earth and Space Science ▪ Environmental Systems ▪ AP Biology ▪ AP Chemistry ▪ AP Physics B ▪ AP Physics C ▪ AP Environmental Science ▪ IB Biology ▪ IB Chemistry ▪ IB Physics ▪ IB Environmental Systems • The additional credit may be selected from the following laboratory-based courses and may be taken after successful completion of biology and chemistry and either after successful completion of or concurrently with physics: <ul style="list-style-type: none"> ▪ 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 ♦	<p>Three credits:</p> <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> ▪ World History Studies (one credit) ▪ World Geography Studies (one credit) 	<p>Four credits:</p> <ul style="list-style-type: none"> • 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) 	<p>Four credits:</p> <ul style="list-style-type: none"> • 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)

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Academic Elective	<p>One credit from any of the following:</p> <ul style="list-style-type: none"> • World History Studies • World Geography Studies <ul style="list-style-type: none"> ▪ A student may not combine a half credit of either World History Studies or World Geography Studies with a half credit from another academic elective. • Any SBOE-approved science course <ul style="list-style-type: none"> ▪ If substituting Chemistry or Physics for IPC, a student must use the other of these two courses as academic elective credit. 	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	<p>One credit:</p> <ul style="list-style-type: none"> • The required credit may be from any combination of the following one-half to one credit courses: <ul style="list-style-type: none"> ▪ 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: <ul style="list-style-type: none"> ▪ 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: <ul style="list-style-type: none"> ▪ 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 substitution 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, mathematics, science, or social studies). 	<p>One credit:</p> <ul style="list-style-type: none"> • The required credit may be from any combination of the following one-half to one credit courses: <ul style="list-style-type: none"> ▪ 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: <ul style="list-style-type: none"> ▪ 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: <ul style="list-style-type: none"> ▪ 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 substitution 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, mathematics, science, or social studies). 	<p>One credit:</p> <ul style="list-style-type: none"> • The required credit may be from any combination of the following one-half to one credit courses: <ul style="list-style-type: none"> ▪ 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: <ul style="list-style-type: none"> ▪ 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: <ul style="list-style-type: none"> ▪ 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 substitution 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, mathematics, science, or social studies).
Speech	<p>One-half credit from either of the following:</p> <ul style="list-style-type: none"> • Communication Applications • Professional Communications (CTE) 	<p>One-half credit from either of the following:</p> <ul style="list-style-type: none"> • Communication Applications • Professional Communications (CTE) 	<p>One-half credit from either of the following:</p> <ul style="list-style-type: none"> • Communication Applications • Professional Communications (CTE)

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Fine Arts ♦	<p>One credit for students who entered Grade 9 in 2010-11 or later from any of the following:</p> <ul style="list-style-type: none"> • 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 (Technology Applications) • 3-D Modeling and Animation (Technology Applications) 	<p>One credit from any of the following:</p> <ul style="list-style-type: none"> • 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 (Technology Applications) • 3-D Modeling and Animation (Technology Applications) 	<p>One credit from any of the following:</p> <ul style="list-style-type: none"> • 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 (Technology Applications) • 3-D Modeling and Animation (Technology Applications)
Elective Courses ♦	<p>Six and one-half credits from any of the following:</p> <ul style="list-style-type: none"> • 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) <p>A student may not combine a half credit of a course for which there is an end-of-course assessment with another elective credit course to satisfy an elective credit requirement.</p>	<p>Five and one-half credits from any of the following:</p> <ul style="list-style-type: none"> • 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) <p>A student may not combine a half credit of a course for which there is an end-of-course assessment with another elective credit course to satisfy an elective credit requirement.</p>	<p>Four and one-half credits from any of the following:</p> <ul style="list-style-type: none"> • 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) <p>A student may not combine a half credit of a course for which there is an end-of-course assessment with another elective credit course to satisfy an elective credit requirement.</p>
Total Credits	22	26	26

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