

2010-2011 Graduation Credit Requirements

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 any of the following: <ul style="list-style-type: none"> ▪ English IV ▪ Research/Technical Writing ▪ Creative/Imaginative Writing ▪ Practical Writing Skills ▪ Literary Genres ▪ Business English (CTE) ▪ Journalism ▪ AP English Language 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 third credit may be selected from any of the following: <ul style="list-style-type: none"> ▪ Algebra II ▪ Precalculus ▪ Mathematical Models with Applications ▪ Independent Study in Mathematics ▪ 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 • Geometry • Algebra II • 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"> ▪ Mathematical Models with Applications ▪ Mathematical Applications in Agriculture, Food, and Natural Resources (CTE) • 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"> ▪ Precalculus ▪ Independent Study in Mathematics ▪ 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 ▪ Engineering Mathematics (CTE) ▪ Statistics and Risk Management (CTE) 	<p>Four credits:</p> <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> ▪ Precalculus ▪ Independent Study in Mathematics ▪ 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 ▪ 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.

Science ♦	<p>Two credits:</p> <ul style="list-style-type: none"> • Biology • Integrated Physics and Chemistry <p>May substitute Chemistry or Physics for IPC but must use the other as 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: <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 ▪ 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 • 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"> ▪ 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 ▪ 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>Two and one-half credits:</p> <ul style="list-style-type: none"> • U.S. History Studies Since Reconstruction (one credit) • U.S. Government (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>Three and one-half credits:</p> <ul style="list-style-type: none"> • World History Studies (one credit) • World Geography Studies (one credit) • U.S. History Studies Since Reconstruction (one credit) • U.S. Government (one-half credit) 	<p>Three and one-half credits:</p> <ul style="list-style-type: none"> • World History Studies (one credit) • World Geography Studies (one credit) • U.S. History Studies Since Reconstruction (one credit) • U.S. Government (one-half credit)
Economics with emphasis on the free enterprise system and its benefits ♦	<p>One-half credit</p>	<p>One-half credit</p>	<p>One-half credit</p>

♦ 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.

Academic Elective	<p>One credit from any of the following:</p> <ul style="list-style-type: none"> World History Studies World Geography Studies Any science course approved by SBOE (If substituting Chemistry or Physics for IPC, must use the 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	<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. 	<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. 	<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.
Health Education	None	None	None
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)
Technology Applications ♦	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.

Fine Arts ♦	<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"> • 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) 	<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) 	<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)
Elective Courses ♦	<p>Seven 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>* 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"> • 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>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)
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.