2010-2011 Graduation Credit Requirements

Discipline	Minimum HSP	Recommended HSP	Distinguished Achievement Program*
English Language Arts ♦	Four credits: • 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: ▪ 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	Four credits: • 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.	Four credits: • 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 ♦	Three credits: • Algebra I • Geometry • The third credit may be selected from any of the following: ▪ 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)	Four credits: • 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: ▪ 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: ▪ 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)	Four credits: • 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 ▪ 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 ♦	Two credits: • Biology • Integrated Physics and Chemistry May substitute Chemistry or Physics for IPC but must use the other as academic elective credit	Four credits: • 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: ▪ 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)	Four credits: • 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: ▪ 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 ♦	Two and one-half credits: • U.S. History Studies Since Reconstruction (one credit) • U.S. Government (one-half credit) • The final credit may be selected from the following: ▪ World History Studies (one credit) ▪ World Geography Studies (one credit)	Three and one-half credits: • World History Studies (one credit) • World Geography Studies (one credit) • U.S. History Studies Since Reconstruction (one credit) • U.S. Government (one-half credit)	Three and one-half credits: • 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 ♦	One-half credit	One-half credit	One-half credit

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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 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	One credit: • 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 substitution credits may be earned through any combination of substitutions.	One credit: • 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 substitution credits may be earned through any combination of substitutions.	One credit: • 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 substitution credits may be earned through any combination of substitutions.
Health Education	None	None	None
Speech	One-half credit from either of the following: • Communication Applications • Professional Communications (CTE)	One-half credit from either of the following: • Communication Applications • Professional Communications (CTE)	One-half credit from either of the following: • Communication Applications • Professional Communications (CTE)
Technology Applications ♦	None	None	None

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

Fine Arts ♦	None for students who entered Grade 9 before 2010-11. One credit for students who enter Grade 9 in 2010-11 or later 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)	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)	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)
Elective Courses ♦	Seven 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) * For students who enter Grade 9 in 2010-11 or later, the number of electives will be six and one-half credits.	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

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