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 Further Mathematics Standard Level Mathematical Applications in Agriculture, Food, and Natural Resources (CTE) Engineering Mathematics (CTE) Statistics and Risk Management (CTE) | Four credits: | 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.

| Iwo creams Solidary Solidar | Science ◆ | Tura avadita. | Facus and disc. | Farm and disc. |
|--|------------------|----------------------------------|---|--|
| Integrated Physics and Chemistry May substitute Chemistry or Physics for IPC but must use the other as academic elective credit Integrated Physics for IPC but must use the other as academic elective credit Integrated Physics for IPC but must use the other as academic elective credit Integrated Physics for IPC but must use the other as academic elective credit Integrated Physics for IPC but must use the other as academic elective credit Integrated Physics for IPC but must use the other as academic elective credit Integrated Physics for IPC but must use the other as academic elective credit use the other and use of the successful completed or the c | Science • | Two credits: | Four credits: | Four credits: |
| Physics, Principles of Technology, AP Physics, or IB Physics or IP Durmst use the other as academic elective credit | | | Blology, AP Blology, or IB Blology | Biology, AP Biology, or IB Biology |
| May substitute Chemistry or Physics for IPC but must use the other as academic elective credit | | Integrated Physics and Chemistry | Chemistry, AP Chemistry, or IB Chemistry | Chemistry, AP Chemistry, or IB Chemistry |
| but must use the other as académic elective credit The additional credit may be IPC and must be successfully completed prior to chemistry and physics. | | | | |
| successfully completed prior to chemistry and physics. The fourth credit may be selected from any of the following: Aqualit. Science Aqualit. Science Aqualit. Science Agriconomy Earth and Space Science Environmental Systems AP Blodgy AP Chemistry AP Physics B AP Physics | | | | |
| physics. The fourth credit may be selected from any of the following: Aquatic Science Astronomy Earth and Space Science Astronomy Earth and Space Science Astronomy Earth and Space Science Astronomy AP Biology AP Chemistry AP Biology AP Chemistry AP Physics B AP Biology AP Chemistry AP Physics B AP Physics C AP Environmental Systems AP Biology Biol | | | | |
| - 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 B - AP Physics B - AP Physics B - AP Physics C - AP Environmental Science - IB Biology - B Chemistry - IB Physics - IB Biology - B Chemistry - IB Physics - IB Environmental Science - IB Biology - B Chemistry - IB Physics - IB Environmental Science - IB Biology - B Chemistry - IB Physics - IB Environmental Science - IB Biology - B Chemistry - IB Physics - IB Environmental Systems - Scientific Research and Design (CTE) - Anatomy and Physiology (CTE) - Pathophysiology (CTE) - Pathophysiology (CTE) - Pathophysiology (CTE) - Advanced Animal Science (CTE) - Advanced Paint and Soil Science (CTE) - Advanced Paint and Soil Science (CTE) - Forensic | | credit | successfully completed prior to chemistry and | credit may be selected from any of the following: |
| Formation Form | | | physics. | Aguatic Science |
| Formation Form | | | The fourth credit may be selected from any of the | Astronomy |
| A Agualic Science A Agronomy Earth and Space Science Environmental Systems A P Biology A P Chemistry A P Physics B A Physics B A P Physics B A | | | | Earth and Space Science |
| A Stronomy Earth and Space Science Environmental Systems AP Biology AP Chemistry AP Physics B AP Physics C AP Environmental Science IB Biology AP Chemistry AP Physics C AP Environmental Science IB Biology IB Chemistry IB Physics C AP Environmental Science IB Biology IB Chemistry IB Chemistry IB Physics C AP Environmental Science IB Biology IB Chemistry IB Chemistry IB Physics IB Environmental Systems Scientific Research and Design (CTE) Anatomy and Physiology (CTE) Anatomy and Physiology (CTE) Engineering Design and Problem Solving (CTE) Advanced Animal Science (CTE) Advanced Animal Science (CTE) Advanced Animal Science (CTE) Advanced Plant and Soil Science (CTE) Advanced Plant and Soil Science (CTE) Foread Science (CTE) Foread Science (CTE) Foread Science (CTE) Foread Science (CTE) World History Studies (one credit) World History Studies (one credit) U.S. Government (one-half credits U.S. History Studies (one credit) U.S. Government (one-half credit) U.S. History Studies (one credit) U.S. Government (one-half credit) U.S. Government (o | | | | |
| Environmental Systems | | | | |
| Economics with emphasis on the Page Pa | | | | |
| A P Biology A P Chemistry A P Physics B B Biology B B Chemistry B B Physics B B Chemistry B B Chemistry B Chemistry B Chemistry B B Chemistry B Physics B C AP Physics C A P Environmental Science B B Biology B IB Chemistry B Physics B C AP Physics C A P Environmental Science B B Chemistry B Physics B C AP Physics C A P Environmental Science B B Chemistry B Physics B Chem | | | | |
| AP Chemistry | | | | |
| AP Physics 6 | | | | |
| A P Physics C A P Environmental Science B B Chemistry B Physics B Physics B Environmental Systems B Chemistry B Physics B Environmental Systems Scientific Research and Design (CTE) Anatomy and Physiology (CTE) Anatomy and Physiology (CTE) Pathophysiology (CTE) Patho | | | | |
| * AP Environmental Science * IB Biology * IB Chemistry * IB Physics * IB Environmental Systems * Scientific Research and Design (CTE) * Anatomy and Physiology (CTE) * Advanced Pant and Poblem Solving (CTE) * Advanced Animal Science (CTE) * Advanced Animal Science (CTE) * Advanced Biotechnology (CTE) * Advanced Biotechnology (CTE) * Advanced Pant and Soil Science (CTE) * Advanced (CTE) * Food Science (CTE) * Fo | | | | |
| B Blology | | | AP Physics C | |
| B Chemistry B Chemistry B Chemistry B Physics B Environmental Systems Engineering Design and Problem Solving (CTE) Engineering Design and Problem Solving (CTE) Medical Microbiology (CTE) Advanced Plote Solving (CTE) Advanced Animal Science (CTE) Advanced Animal Science (CTE) Advanced Animal Science (CTE) Advanced Plant and Soil Science (CTE) Advanced Plant and Soil Science (CTE) Food Science (CTE) Forensic Science (CTE) Forensic Science (CTE) Forensic Science (CTE) Forensic Science (CTE) Science (CTE) Forensic Science | | | | |
| B Physics B Environmental Systems Scientific Research and Design (CTE) Anatomy and Physiology (CTE) Anatomy and Physiology (CTE) Medical Microbiology (CTE) Pathophysiology (CTE) Pathophysiology (CTE) Advanced Animal Science (CTE) Advanced Animal Science (CTE) Advanced Animal Science (CTE) Advanced Plant and Soil Science (CTE) Advanced Blotechnology (CTE) Advanced Blotechnology (CTE) Proof Science (CTE) Advanced Plant and Soil Science (CTE) Proof Science (CTE) Proof Science (CTE) | | | | |
| B Environmental Systems Scientific Research and Design (CTE) Anatomy and Physiology (CTE) Engineering Design and Problem Solving (CTE) Pathophysiology (CTE) Patho | | | | |
| 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) | | | | Anatomy and Physiology (CTE) |
| Anatomy and Physiology (CTE) | | | | Engineering Design and Problem Solving (CTE) |
| Economics with emphasis on the Engineering Design and Problem Solving (CTE) ■ Advanced Animal Science (CTE) ■ Advanced Plant and Soil Science (CTE) ■ Ford Science (CTE) ■ Forensic Science (CTE | | | | Medical Microbiology (CTE) |
| Economics with emphasis on the Engineering Design and Problem Solving (CTE) ■ Advanced Animal Science (CTE) ■ Advanced Plant and Soil Science (CTE) ■ Ford Science (CTE) ■ Forensic Science (CTE | | | Anatomy and Physiology (CTE) | Pathophysiology (CTE) |
| Pathophysiology (CTE) Advanced Animal Science (CTE) Advanced Animal Science (CTE) Advanced Blotechnology (CTE) Advanced Plant and Soil Science (CTE) Food Science (CTE) Food Science (CTE) Food Science (CTE) Forensic Science (CTE) Forelit Vorld Geography Studies (one credit) U.S. History Studies Since Reconstruction (one credit) U.S. History Studies (on | | | | Advanced Animal Science (CTE) |
| Pathophysiology (CTE) Advanced Animal Science (CTE) Advanced Animal Science (CTE) Advanced Blotechnology (CTE) Advanced Plant and Soil Science (CTE) Food Science (CTE) Food Science (CTE) Food Science (CTE) Forensic Science (CTE) Forelit Vorld Geography Studies (one credit) U.S. History Studies Since Reconstruction (one credit) U.S. History Studies (on | | | Medical Microbiology (CTE) | Advanced Biotechnology (CTE) |
| ■ Advanced Animal Science (CTE) ■ Advanced Biotechnology (CTE) ■ Advanced Plant and Soil Science (CTE) ■ Forensic Scienc | | | | |
| Advanced Biotechnology (CTE) Advanced Plant and Soil Science (CTE) Food Science (CTE) Forensic Science (CTE) | | | | |
| Advanced Plant and Soil Science (CTE) Food Science (CTE) Forensic Science (CTE) Forensic Science (CTE) Forensic Science (CTE) Forensic Science (CTE) Three and one-half credits: U.S. History Studies Since Reconstruction (one credit) U.S. Government (one-half 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. History Studies Since Reconstruction (one credit) U.S. Government (one-half credit) World Geography Studies (one credit) World History Studies Since Reconstruction (one credit) U.S. Government (one-half credit) U.S. Government (one-half credit) U.S. Government (one-half credit) World Foredit One-half credit One-half credit | | | | |
| ■ Food Science (CTE) ■ Forensic Science (CTE) ■ World History Studies (one credit) ■ World Geography Studies (one credit) ■ U.S. History Studies Since Reconstruction (one credit) ■ U.S. History Studies Since Reconstruction (one credit) ■ U.S. History Studies Since Reconstruction (one credit) ■ U.S. Government (one-half credit) | | | | Totalist Science (OTE) |
| 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 Since Reconstruction (one credit) World Geography Studies Since Reconstruction (one credit) U.S. Government (one-half credit) World History Studies Since Reconstruction (one credit) World Geography Studies Since Reconstruction (one credit) World History Studies (one credit) U.S. Government (one-half credit) | | | | |
| Social Studies ◆ Two and one-half credits: U.S. History Studies Since Reconstruction (one credit) U.S. Government (one-half credit) Three and one-half credits: World History Studies (one credit) U.S. Government (one-half credit) Three and one-half credits: World Geography Studies (one credit) U.S. History Studies Since Reconstruction (one credit) Three and one-half credits: World Geography Studies (one credit) U.S. History Studies Since Reconstruction (one credit) Three and one-half credits: World Geography Studies (one credit) U.S. History Studies Since Reconstruction (one credit) U.S. Government (one-half credit) U.S. Government (one-half credit) U.S. Government (one-half credit) U.S. Government (one-half credit) | | | | |
| U.S. History Studies Since Reconstruction (one credit) U.S. Government (one-half credit) The final credit may be selected from the following: | Social Studios A | Two and one half credite: | ` ' | Three and one half credite: |
| (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) U.S. History Studies Since Reconstruction (one credit) U.S. Government (one-half credit) | Jociai Studies ¥ | | | |
| 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) Economics with emphasis on the U.S. History Studies Since Reconstruction (one credit) U.S. Government (one-half credit) U.S. Government (one-half credit) U.S. Government (one-half credit) U.S. Government (one-half credit) One-half credit One-half credit | | | | |
| The final credit may be selected from the following: World History Studies (one credit) World Geography Studies (one credit) Economics with emphasis on the One-half credit One-half credit One-half credit One-half credit One-half credit Credit) U.S. Government (one-half credit) U.S. Government (one-half credit) | | | | |
| following: World History Studies (one credit) World Geography Studies (one credit) World Geography Studies (one credit) Economics with emphasis on the One-half credit One-half credit One-half credit One-half credit One-half credit One-half credit | | | | |
| ■ World History Studies (one credit) ■ World Geography Studies (one credit) Economics with emphasis on the One-half credit One-half credit One-half credit | | | | |
| ■ World Geography Studies (one credit) Economics with emphasis on the One-half credit One-half credit One-half credit | | | U.S. Government (one-half credit) | U.S. Government (one-half credit) |
| Economics with emphasis on the One-half credit One-half credit One-half credit | | | | |
| | | | | |
| free enterprise system and its | | One-half credit | One-half credit | One-half credit |
| | | | | |
| benefits ◆ | benefits + | | | |

[◆] 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 | 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 | substitutions. None | None | None |
| Speech | One-half credit from either of the following: | One-half credit from either of the following: | One-half credit from either of the following: |
| 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 ♦ | 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) Triver 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 |

[◆] 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.