

GRADUATION REQUIREMENTS
FOR STUDENTS BEGINNING 9TH-GRADE in 2014-2015 and beyond

DISCIPLINE	TEA FOUNDATION HIGH SCHOOL PROGRAM (22 Credits)	HISD FOUNDATION HIGH SCHOOL PROGRAM (22 Credits)	HISD DISTINGUISHED LEVEL OF ACHIEVEMENT (26 Credits)
English Language Arts* Proficiency	<p>Four Credits</p> <p>English I, II, and III</p> <p>The fourth credit of English may be satisfied by:</p> <ul style="list-style-type: none"> • English IV, • Independent Study in English • Research/Technical Writing, • Creative/Imaginative Writing, • Literary Genres, • Adv Broadcast Journalism 3, • Adv Journalism: Newspaper 3, • Adv Journalism: Yearbook 3, • AP English Literature and Composition, • IB Language Studies A1 HL. • CTE Business English • Humanities • Public Speaking 3 • Comm App (½ credit + ½ add'l ELA) • Oral Interpretation 3 • Debate 3 • Independent Study in Speech • Independent Study in Journalism • A locally developed ELA course (w/apprenticeship & certification) • A locally developed college prep ELA course <p>These substitutions also apply to EL students.</p> <p>EL immigrants may substitute English I SOL for English 1 & English II SOL for English 2.</p> <p>AP, IB, or college courses may substitute.</p>	<p>Four credits</p> <p>English I, II and III</p> <p>The fourth credit of English may be satisfied by:</p> <ul style="list-style-type: none"> • English IV, • Independent Study in English • Research/Technical Writing, • Creative/Imaginative Writing, • Literary Genres, • Adv Broadcast Journalism 3, • Adv Journalism: Newspaper 3, • Adv Journalism: Yearbook 3, • AP English Literature and Composition, • IB Language Studies A1 HL. • CTE Business English • Humanities • Public Speaking 3 • Comm APP (½ credit + ½ add'l ELA) • Oral Interpretation 3 • Debate 3 • Independent Study in Speech • Independent Study in Journalism • A locally developed ELA course (w/apprenticeship & certification) • A locally developed college prep ELA course <p>These substitutions also apply to EL students.</p> <p>EL immigrants may substitute English I SOL for English 1 & English II SOL for English 2.</p> <p>AP, IB, or college courses may substitute.</p>	<p>Four credits</p> <p>English I, II and III</p> <p>The fourth credit of English may be satisfied by:</p> <ul style="list-style-type: none"> • English IV, • Independent Study in English • Research/Technical Writing, • Creative/Imaginative Writing, • Literary Genres, • Adv Broadcast Journalism 3, • Adv Journalism: Newspaper 3, • Adv Journalism: Yearbook 3, • AP English Literature and Composition, • IB Language Studies A1 HL. • CTE Business English • Humanities • Public Speaking 3 • Comm App (½ credit + ½ add'l ELA) • Oral Interpretation 3 • Debate 3 • Independent Study in Speech • Independent Study in Journalism • A locally developed ELA course (w/apprenticeship & certification) • A locally developed college prep ELA course <p>These substitutions also apply to EL students.</p> <p>EL immigrants may substitute English I SOL for English 1 & English II SOL for English 2.</p> <p>AP, IB, or college courses may substitute.</p>

College Board advanced placement and International Baccalaureate courses may be substituted for requirements in appropriate areas.

School Guidelines, 2019-2020
 Graduation Requirements

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<p>Mathematics* Proficiency</p> <p>¹ If taken prior to Algebra 2</p> <p>Math Models may not be used as a 4th math.</p>	<p>Three credits to include Algebra I and Geometry Additional credit selected from one full credit or a combination of two half credits from two different courses, subject to prerequisite requirements, from the following courses:</p> <ul style="list-style-type: none"> Algebra II Pre-calculus; Independent Study in Mathematics Advanced Quantitative Reasoning Discrete Mathematics Statistics Algebraic Reasoning AP Statistics; AP Calculus AB; AP Calculus BC; AP Computer Science A; IB Mathematical Studies Standard Level; IB Mathematics SL; IB Mathematics Higher Level; IB Further Mathematics SL; Engineering Mathematics (CTE); Statistics and Business Decision Making (CTE) Mathematical Applications in Agriculture, Food, and Natural Resources (CTE)¹; Digital Electronic (CTE) Math for Medical Professionals Robotics Program. & Des. Robotics II Mathematical Models with Applications¹ Discrete Math for Comp Sci, Advanced dual credit course Financial Mathematics Applied Math for Tech. Prof. Accounting II Manufacturing Engineer. Tech. II Locally developed math course w/apprenticeship & certification Locally developed coll. prep math 	<p>Three credits Three of the credits must consist of Algebra I, Geometry, and Algebra II</p>	<p>Four credits The credits must consist of Algebra I, Geometry, and Algebra II and an advanced course. Additional credit selected from one full credit or a combination of two half credits from two different courses, subject to prerequisite requirements, from the following courses:</p> <ul style="list-style-type: none"> Algebra II Pre-calculus; Independent Study in Math Advanced Quantitative Reasoning Discrete Mathematics Statistics Algebraic Reasoning AP Statistics; AP Calculus AB; AP Calculus BC; AP Computer Science; IB Mathematical Studies Standard Level; IB Mathematics SL; IB Mathematics HL; IB Further Mathematics Standard Level; AP Computer Science A IB Computer Science HL Engineering Mathematics (CTE); Statistics and Business Decision Making (CTE) Mathematical Applications in Agriculture, Food, and Natural Resources (CTE)¹; Digital Electronic (CTE) Robotics Programming & Design Mathematical Models with Applications¹ Discrete Math for Computer Science Advanced dual credit course Locally developed math course w/apprenticeship & certification Locally developed college prep math course

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<p>Science* Proficiency</p> <p>Credit may not be earned for both Physics and Principles of Technology to satisfy science credit requirements.</p> <p>Arts and Humanities endorsement may substitute ELA, Social Studies, LOTE, or Fine Arts course for the Science course with parent permission.</p>	<p>Three credits One credit must consist of Biology, AP Biology or IB Biology.</p> <p>One credit must be selected from: IPC; Chemistry; AP Chemistry; IB Chemistry; Physics; Principles of Technology; AP Physics 1: Algebra-Based; and IB Physics</p> <p>The additional credits may be selected from one full credit or a combination of two half credits from two different courses subject to prerequisite requirements :Chemistry; Physics; Aquatic Science; Astronomy; Earth and Space Science; Environmental Systems; AP Biology; AP Chemistry; AP Physics 1: Algebra-Based; AP Physics 2: Algebra-Based; AP Physics C; AP Environmental Science; IB Biology; IB Chemistry; IB Physics; IB Environmental Systems; Advanced Animal Science (CTE); Advanced Plant and Soil Science (CTE); Anatomy and Physiology (CTE).</p>	<p>Three credits One credit must consist of Biology, AP Biology or IB Biology.</p> <p>One credit must be selected from: IPC; Chemistry; AP Chemistry; IB Chemistry; Physics; Principles of Technology; AP Physics 1: Algebra-Based; and IB Physics</p> <p>The additional credits may be selected from one full credit or a combination of two half credits from two different courses subject to prerequisite requirements Chemistry; Physics; Aquatic Science; Astronomy; Earth and Space Science; Environmental Systems; AP Biology; AP Chemistry; AP Physics 1: Algebra-Based; AP Physics 2: Algebra-Based; AP Physics C; AP Environmental Science; IB Biology; IB Chemistry; IB Physics; IB Environmental Systems; Advanced Animal Science (CTE); Advanced Plant and Soil Science (CTE); Anatomy and Physiology (CTE).</p>	<p>Four credits One credit must consist of Biology, or an AP or IB Biology course.</p> <p>One credit must be selected from: IPC; Chemistry; AP Chemistry; IB Chemistry; Physics; Principles of Technology; AP Physics 1: Algebra-Based; and IB Physics</p> <p>The additional credits may be selected from one full credit or a combination of two half credits from two different courses subject to prerequisite requirements Chemistry; Physics; Aquatic Science; Astronomy; Earth and Space Science; Environmental Systems; AP Biology; AP Chemistry; AP Physics 1: Algebra-Based; AP Physics 2: Algebra-Based; AP Physics C; AP Environmental Science; IB Biology; IB Chemistry; IB Physics; IB Environmental Systems; Advanced Animal Science (CTE); Advanced Plant and Soil Science (CTE);</p>

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Science* Proficiency (continued)	Medical Microbiology (CTE); Pathophysiology (CTE); Food Science (CTE); Forensic Science (CTE); Advanced Biotechnology (CTE); Principles of Technology; Scientific Research and Design (CTE); Engineering Design and Problem Solving (CTE); Engineering Science Principles of Engineering (CTE); Advanced dual credit course A locally developed science course (w/apprenticeship & certification)	Medical Microbiology (CTE); Pathophysiology (CTE); Food Science (CTE); Forensic Science (CTE); Advanced Biotechnology (CTE); Principles of Technology; Scientific Research and Design (CTE); Engineering Design and Problem Solving (CTE); Engineering Science Principles of Engineering (CTE); Advanced dual credit course A locally developed science course (w/apprenticeship & certification)	Anatomy and Physiology (CTE); Medical Microbiology (CTE); Pathophysiology (CTE); Food Science (CTE); Forensic Science (CTE); Advanced Biotechnology (CTE); Principles of Technology; Scientific Research and Design (CTE); Engineering Design and Problem Solving (CTE); Engineering Science Advanced dual credit course A locally developed science course (w/apprenticeship & certification)
Social Studies * Proficiency	Three credits taken in prescribed sequence Two credits must consist of US History (one credit), US Government (one-half credit) and Economics with Emphasis on the Free Enterprise System (one-half credit). The final credit may be selected from World History and World Geography.	Four credits taken in prescribed sequence World Geography Studies - one credit (Grade 9) World History Studies - one credit (Grade 10) US History Since Reconstruction - one credit (Grade 11) US Government - one-half credit (Grade 12) Economics one-half credit (Grade 12)	Four credits taken in prescribed sequence World Geography Studies - one credit (Grade 9) World History Studies - one credit (Grade 10) US History Since Reconstruction - one credit (Grade 11) US Government - one-half credit (Grade 12) Economics one-half credit (Grade 12)
Languages Other Than English * Computer Science credits must be earned before 9-1-16.	Two credits The credits may be selected from the following: any two levels in the same language; or two credits in computer programming languages selected from Computer Science I, II, and III. Special Provisions for 504 students and students with disabilities can be found 19 TAC Chapter 74.	Two credits The credits may be selected from the following: any two levels in the same language; or two credits in computer programming languages selected from Computer Science I, II, and III. Special Provisions for 504 students and students with disabilities can be found 19 TAC Chapter 74.	Two credits The credits may be selected from the following: any two levels in the same language; or two credits in computer programming languages selected from Computer Science I, II, and III. Special Provisions for 504 students and students with disabilities can be found 19 TAC Chapter 74.

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Languages Other Than English (continued)	One credit in a foreign language and one credit in: Special Topics in Language & Culture, LOTE, or computer programming languages, if student is unlikely to be successful in 2 nd year language.	One credit in a foreign language and one credit in: Special Topics in Language & Culture, LOTE, or computer programming languages, if student is unlikely to be successful in 2 nd year language.	One credit in a foreign language and one credit in: Special Topics in Language & Culture, LOTE, or computer programming languages, if student is unlikely to be successful in 2 nd year language.
Physical Education	One credit Foundations of Personal Fitness Adventure/Outdoor Education Aerobic Activities Team or Individual Sports Other TEKS course w/100 minutes per week of physical activity Athletics JROTC Other Commissioner and district approved physical activity programs Drill Team Marching Band Cheerleading Other core elective if student cannot participate per ARD/504	One credit Foundations of Personal Fitness Adventure/Outdoor Education Aerobic Activities Team or Individual Sports Other TEKS course w/100 minutes per week of physical activity Athletics JROTC Other Commissioner and district approved physical activity programs Drill Team Marching Band Cheerleading Other core elective if student cannot participate per ARD/504	One credit Foundations of Personal Fitness Adventure/Outdoor Education Aerobic Activities Team or Individual Sports Other TEKS course w/100 minutes per week of physical activity Athletics JROTC Other Commissioner and district approved physical activity programs Drill Team Marching Band Cheerleading Other core elective if student cannot participate per ARD/504
Health Education		One-half credit Principals of Health Science (one credit)	One-half credit Principals of Health Science (one credit)

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<i>Fine Arts</i>	<p><i>One sequential credit taken in prescribed sequence (cannot be mixed)</i></p> <p>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 Principals and Elements of Floral Design (CTE); Digital Art and Animation; 3-D Modeling and Animation Board and TEA approved community-based program</p> <p>(Speech and Debate may not substitute.)</p> <p>AP, IB, or dual credit college fine arts courses may substitute.</p>	<p><i>One sequential credit taken in prescribed sequence (cannot be mixed)</i></p> <p>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 Principals and Elements of Floral Design (CTE); Digital Art and Animation; 3-D Modeling and Animation Board and TEA approved community-based program</p> <p>(Speech and Debate may not substitute.)</p> <p>AP, IB, or dual credit college fine arts courses may substitute.</p>	<p><i>One sequential credit taken in prescribed sequence (cannot be mixed)</i></p> <p>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 Principals and Elements of Floral Design (CTE); Digital Art and Animation; 3-D Modeling and Animation Board and TEA approved community-based program</p> <p>(Speech and Debate may not substitute.)</p> <p>AP, IB, or dual credit college fine arts courses may substitute.</p>
<i>Electives</i>	<p><i>Five credits</i></p> <p>These are elective credits to be selected from: the list of courses approved by the SBOE for Grades 9- 12 as specified in TAC §74.1; state-approved innovative courses, Junior Reserve Office Training Corps (JROTC) (one to four credits); or Driver Education (one-half credit) – transferred from another school district.</p>	<p><i>Three and one-half credits</i></p> <p>These are elective credits to be selected from: the list of courses approved by the SBOE for Grades 9- 12 as specified in TAC §74.1; state-approved innovative courses, Junior Reserve Office Training Corps (JROTC) (one to four credits); or Driver Education (one-half credit) – transferred from another school district.</p>	<p><i>Five and one-half credits</i></p> <p>These credits include the completion of endorse requirements.</p>

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