

Plano ISD  
043910  
ACADEMIC ACHIEVEMENT  
GRADUATION  
EIF(EXHIBIT)

Students who entered grade 9 in the 2010–11 school year and thereafter must complete one of the following programs for graduation:

[Exhibit A](#): Graduation Requirements: Students Graduating in 2013–14 through 2016–17 (Entered grade 9 in 2010–11) — 4 pages

[Exhibit B](#): Overview of Graduation Requirements for Students Entering Grade 9 in 2014– 15 and Beyond and Summary of Endorsement Requirements — 4 pages

[Exhibit C](#): Resolution to Consider Alternative Graduation Requirements— 2 pages

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EXHIBIT A

GRADUATION REQUIREMENTS:  
 STUDENTS GRADUATING IN 2013–14 THROUGH 2016-17  
 (ENTERED GRADE 9 IN 2010–11)

Discipline	Minimum HSP	Recommended HSP	Distinguished Achievement Program*
<b>English Language Arts</b> ♦	<p><b>Four credits:</b></p> <ul style="list-style-type: none"> <li>English I, II, III, and IV</li> <li>English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency.</li> <li>The fourth credit of English may be satisfied by either:               <ul style="list-style-type: none"> <li>English IV</li> <li>Research/Technical Writing</li> <li>Creative/Imaginative Writing</li> <li>Practical Writing Skills</li> <li>Library Genres</li> <li>Business Communication, or</li> <li>Journalism</li> </ul> </li> </ul>	<p><b>Four credits:</b></p> <ul style="list-style-type: none"> <li>English I, II, III, and IV</li> <li>English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency.</li> </ul>	<p><b>Four credits:</b></p> <ul style="list-style-type: none"> <li>English I, II, III, and IV</li> <li>English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency.</li> </ul>
<b>Mathematics</b> ♦	<p><b>Three credits</b> to include:</p> <ul style="list-style-type: none"> <li>Algebra I and</li> <li>Geometry</li> </ul>	<p><b>Four credits.</b> Three of the credits must be Algebra I, Algebra II, and Geometry. The fourth credit may be selected from the following:</p> <ul style="list-style-type: none"> <li>Mathematical Models with Applications</li> <li>Precalculus</li> <li>Independent Study in Mathematics</li> <li>Advanced Placement (AP) Statistics</li> <li>AP Calculus AB</li> <li>AP Calculus BC</li> <li>International Baccalaureate (IB) Mathematical Studies</li> <li>IB Mathematics Standard Level</li> <li>IB Mathematics Higher Level</li> <li>IB Advanced Mathematics Standard Level</li> <li>AP Computer Science</li> <li>Concurrent Enrollment in College Courses</li> </ul> <p>For students who select Mathematical Models with Applications, Algebra II is their fourth or final course. They <u>may not</u> take Mathematical Models with Applications <u>after</u> taking Algebra II. The intent of the rule is</p>	<p><b>Four credits</b>, which must consist of Algebra I, Algebra II, and Geometry and an additional SBOE-approved mathematics course for which Algebra II is a prerequisite:</p> <ul style="list-style-type: none"> <li>Precalculus</li> <li>Independent Study in Mathematics (for example, when used to offer Calculus)</li> <li>AP Statistics</li> <li>AP Calculus AB</li> <li>AP Calculus BC</li> <li>IB Mathematical Studies Subsidiary Level</li> <li>IB Mathematical Methods Subsidiary Level</li> <li>IB Mathematics Higher Level</li> <li>IB Advanced Mathematics Subsidiary Level</li> <li>Concurrent Enrollment in College Courses</li> </ul>

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		that all students should have a rigorous mathematics course in their senior year; however, students <u>may continue</u> to take mathematics courses at the middle school and receive high school credit.	
<b>Science</b> ♦	<b>Three credits</b> to include: <ul style="list-style-type: none"> <li>• Biology and</li> <li>• Integrated Physics and Chemistry (IPC), Chemistry, or Physics</li> <li>• Any science course approved by SBOE.</li> </ul>	<b>Four credits</b> , one of which must be Biology (and/or AP/IB Biology), and three of which are selected from a list of options that will include IPC. If IPC is taken, it must be prior to the completion of Physics and Chemistry. All students will select one credit from Biology, AP Biology, or IB Biology; one credit from Chemistry, IB Chemistry, or AP Chemistry; one credit from Physics, AP Physics, or IB Physics, or Principles of Technology I; and a fourth credit from the courses listed in 19 Administrative Code 112 as approved for science credit: <ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Physics</li> <li>• Astronomy</li> <li>• Aquatic Science</li> <li>• Environmental Systems</li> <li>• Earth and Space Science</li> <li>• AP Biology</li> <li>• AP Chemistry</li> <li>• AP Physics B</li> <li>• AP Physics C</li> <li>• AP Environmental Science</li> <li>• IB Biology</li> <li>• IB Chemistry</li> <li>• IB Physics</li> <li>• IB Environmental Systems</li> </ul> The following CTE courses: <ul style="list-style-type: none"> <li>• Scientific Research and Design</li> <li>• Anatomy and Physiology of Human Systems</li> <li>• Medical Microbiology and Pathophysiology</li> <li>• Principles of Technology I</li> <li>• Principles of Technology II</li> <li>• Engineering</li> </ul>	<b>Four credits</b> , which must consist of a Biology credit (Biology, AP Biology, or IB Biology), a chemistry credit (Chemistry, AP Chemistry, or IB Chemistry), a physics credit (Physics, AP Physics, or IB Physics, and not including Principles of Technology), and an additional approved laboratory-based science course. In addition to a Biology course, a Chemistry course, and a Physics course, a student may select the fourth required credit from: <ul style="list-style-type: none"> <li>• Earth and Space Science</li> <li>• Environmental Systems</li> <li>• Aquatic Science</li> <li>• Astronomy</li> <li>• AP Biology</li> <li>• IB Biology</li> <li>• AP Chemistry</li> <li>• IB Chemistry</li> <li>• AP Physics</li> <li>• IB Physics</li> <li>• AP Environmental Science</li> <li>• IB Environmental Systems</li> </ul> The following CTE courses: <ul style="list-style-type: none"> <li>• Scientific Research and Design</li> <li>• Anatomy and Physiology of Human Systems</li> <li>• Engineering</li> </ul>

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Discipline	Minimum HSP	Recommended HSP	Distinguished Achievement Program*
		Concurrent enrollment in college courses	
<b>Social Studies</b> ◆	<b>Two and one-half credits</b> must consist of: <ul style="list-style-type: none"> <li>World History Studies (one credit) or</li> <li>World Geography Studies (one credit),</li> <li>U.S. History Studies Since Reconstruction (one credit), and</li> <li>U.S. Government (one-half credit).</li> </ul>	<b>Three and one-half credits</b> must consist of: <ul style="list-style-type: none"> <li>World History Studies (one credit),</li> <li>World Geography Studies (one credit),</li> <li>U.S. History Studies Since Reconstruction (one credit), and</li> <li>U.S. Government (one-half credit)</li> </ul>	<b>Three and one-half credits</b> must consist of: <ul style="list-style-type: none"> <li>World History Studies (one credit),</li> <li>World Geography Studies (one credit),</li> <li>U.S. History Studies Since Reconstruction (one credit), and</li> <li>U.S. Government (one-half credit)</li> </ul>
<b>Economics with emphasis on the free enterprise system and its benefits</b> ◆	<b>One-half credit</b>	<b>One-half credit</b>	<b>One-half credit</b>
<b>Academic Elective</b>	<b>One credit</b> selected from either: <ul style="list-style-type: none"> <li>World History Studies</li> <li>World Geography Studies</li> </ul>	<b>None</b>	<b>None</b>
<b>Physical Education</b>	<b>One credit</b> from any combination of the following: <ul style="list-style-type: none"> <li>Foundations of Personal Fitness;</li> <li>Adventure/Outdoor Education;</li> <li>Aerobic Activities; and</li> <li>Team or Individual Sports.</li> </ul> Up to one credit for any of the courses listed above may be earned through substitution based on the physical activity involved in: <ul style="list-style-type: none"> <li>Athletics</li> <li>JROTC</li> <li>Drill Team</li> <li>Marching Band</li> <li>Cheerleading</li> </ul> All substitutions above must include at least 100 minutes per five-day week of moderate to rigorous physical activity. Credit may not be earned for any physical education course more than once. No more than four substitution credits may be earned through any combination of substitutions allowed.	<b>One credit</b> from any combination of the following: <ul style="list-style-type: none"> <li>Foundations of Personal Fitness;</li> <li>Adventure/Outdoor Education;</li> <li>Aerobic Activities; and</li> <li>Team or Individual Sports.</li> </ul> Up to one credit for any of the courses listed above may be earned through substitution based on the physical activity involved in: <ul style="list-style-type: none"> <li>Athletics</li> <li>JROTC</li> <li>Drill Team</li> <li>Marching Band</li> <li>Cheerleading</li> </ul> All substitutions above must include at least 100 minutes per five-day week of moderate to rigorous physical activity. Credit may not be earned for any physical education course more than once. No more than four substitution credits may be earned through any combination of substitutions allowed.	<b>One credit</b> from any combination of the following: <ul style="list-style-type: none"> <li>Foundations of Personal Fitness;</li> <li>Adventure/Outdoor Education;</li> <li>Aerobic Activities; and</li> <li>Team or Individual Sports.</li> </ul> Up to one credit for any of the courses listed above may be earned through substitution based on the physical activity involved in: <ul style="list-style-type: none"> <li>Athletics</li> <li>JROTC</li> <li>Drill Team</li> <li>Marching Band</li> <li>Cheerleading</li> </ul> All substitutions above must include at least 100 minutes per five-day week of moderate to rigorous physical activity. Credit may not be earned for any physical education course more than once. No more than four substitution credits may be earned through any combination of substitutions allowed.
<b>Languages Other Than English</b> ◆	<b>None</b>	<b>Two credits</b> must consist of any two levels in the same language.	<b>Three credits</b> must consist of any three levels in the same language.
<b>Health Education</b>	<b>One-half credit</b>	<b>One-half credit</b>	<b>One-half credit</b>

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Discipline	Minimum HSP	Recommended HSP	Distinguished Achievement Program*
<b>Fine Arts</b> ◆	<b>One credit</b> , which may be satisfied by any one course found in 19 Administrative Code Chapter 117.	<b>One credit</b> , which may be satisfied by any one course found in 19 Administrative Code Chapter 117.	<b>One credit</b> , which may be satisfied by any one course found in 19 Administrative Code Chapter 117.
<b>Speech</b>	<b>One-half credit</b> : Communication Applications or Professional Communications	<b>One-half credit</b> : Communication Applications or Professional Communications	<b>One-half credit</b> : Communication Applications or Professional Communications
<b>Elective Courses</b> ◆	<b>Seven credits</b> from: <ul style="list-style-type: none"> <li>• The list of courses approved by the SBOE for grades 9–12 (relating to Essential Knowledge and Skills),</li> <li>• State-approved innovative courses,</li> <li>• JROTC (one to four credits), or</li> <li>• Driver Education (one-half credit)</li> </ul>	<b>Five credits</b> from: <ul style="list-style-type: none"> <li>• The list of courses approved by the SBOE for grades 9–12 (relating to Essential Knowledge and Skills),</li> <li>• State-approved innovative courses,</li> <li>• JROTC (one to four credits), or</li> <li>• Driver Education (one-half credit)</li> </ul>	<b>Four credits</b> from: <ul style="list-style-type: none"> <li>• The list of courses approved by the SBOE for grades 9–12 (relating to Essential Knowledge and Skills),</li> <li>• State-approved innovative courses,</li> <li>• JROTC (one to four credits), or</li> <li>• Driver Education (one-half credit).</li> </ul>
<b>Total Credits</b>	<b>24</b>	<b>26</b>	<b>26</b>

◆ College Board AP, college-level concurrent/dual enrollment, and IB courses may be substituted for requirements in appropriate areas.

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

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EXHIBIT B

OVERVIEW OF GRADUATION REQUIREMENTS FOR STUDENTS  
 ENTERING GRADE 9 IN 2014–15 AND BEYOND

	Foundation Requirement	STEM	Business & Industry	Arts & Humanities	Public Service	Multi-Disciplinary Studies
<b>English Language Arts</b>	<ul style="list-style-type: none"> <li>• 4 credits</li> <li>• English I, II, III</li> <li>• Choice for English IV</li> </ul>					<ul style="list-style-type: none"> <li>• English IV req'd</li> </ul>
<b>Mathematics</b>	<ul style="list-style-type: none"> <li>• 3 credits</li> <li>• Algebra I</li> <li>• Geometry</li> <li>• Choice for 3<sup>rd</sup> credit</li> </ul>	<ul style="list-style-type: none"> <li>• Algebra II req'd</li> <li>• 4<sup>th</sup> Math</li> </ul>	<ul style="list-style-type: none"> <li>• 4<sup>th</sup> Math</li> <li>• Algebra II or Algebraic Reasoning</li> </ul>	<ul style="list-style-type: none"> <li>• 4<sup>th</sup> Math</li> <li>• Algebra II or Algebraic Reasoning</li> </ul>	<ul style="list-style-type: none"> <li>• 4<sup>th</sup> Math</li> <li>• Algebra II or Algebraic Reasoning</li> </ul>	<ul style="list-style-type: none"> <li>• 4<sup>th</sup> Math</li> <li>• Algebra II or Algebraic Reasoning</li> </ul>
<b>Science</b>	<ul style="list-style-type: none"> <li>• 3 credits</li> <li>• Biology</li> <li>• Chemistry or IPC</li> <li>• Choice for 3<sup>rd</sup> credit</li> </ul>	<ul style="list-style-type: none"> <li>• Chemistry &amp; Physics req'd</li> <li>• 4<sup>th</sup> Science</li> </ul>	<ul style="list-style-type: none"> <li>• 4<sup>th</sup> Science</li> </ul>	<ul style="list-style-type: none"> <li>• 4<sup>th</sup> Science</li> </ul>	<ul style="list-style-type: none"> <li>• 4<sup>th</sup> Science</li> </ul>	<ul style="list-style-type: none"> <li>• 4<sup>th</sup> Science</li> </ul>
<b>Social Studies</b>	<ul style="list-style-type: none"> <li>• 4 credits</li> <li>• World Geography</li> <li>• World History</li> <li>• U.S. History</li> <li>• Government/Economics</li> </ul>					
<b>Foreign Language</b>	2 credits					
<b>Fine Arts</b>	1 credit					
<b>Physical Education</b>	1 credit					
<b>Health</b>	0.5 credit					
<b>Speech</b>	0.5 credit					
<b>Electives</b>	5 credits	Defined choices for up to 4 credits of electives	Defined choices for up to 4 credits of electives	Defined choices for up to 4 credits of electives	Defined choices for up to 3 credits of electives	
<b>Total</b>	24 credits		26 credits	26 credits	26 credits	26 credits

**\*Distinguished Level of Achievement – requires an endorsement plus Algebra II; students are eligible for top ten percent automatic admission**

**\*\*All students will pursue an Endorsement pathway**

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## Summary of Endorsement Requirements

### 1. Science, Technology, Engineering, and Mathematics (STEM)

A student may earn a STEM endorsement by completing the requirements specified in Administrative Code, Chapter 74, Subchapter B, Subsection e, including Algebra II, Chemistry, and Physics and:

- a. A coherent sequence of courses for four or more credits in career and technical education (CTE) that includes at least two courses in the same career cluster including at least one advanced CTE course. The courses may be selected from Career and Technical Education, Career Development, or CTE innovative courses approved by the commissioner of education. The final course in the sequence must be selected from one of the CTE career clusters listed:
  - Science;
  - Technology;
  - Engineering;
  - Mathematics; or
- b. A coherent sequence of four courses in computer science from a selected list of courses.
- c. Three credits in mathematics by successfully completing Algebra II and two additional mathematics courses for which Algebra II is a prerequisite; or
- d. Selecting four credits in science by successfully completing Chemistry and Physics and two additional science courses.
- e. Combination of two areas from among CTE, computer science, mathematics, and science: in addition to Algebra II, Chemistry, and Physics, a coherent sequence of three additional credits from no more than two of the categories (a, b, c, d) above.

### 2. Business and industry

A student may earn a Business and Industry endorsement by completing the requirements in Administrative Code, Chapter 74, Subchapter B, Subsection e and:

- a. A coherent sequence of courses for four or more credits in CTE that includes at least two courses in the same career cluster and at least one advanced CTE course, which may include any course that is the third or higher course in a sequence. The final course in the sequence must be obtained from one of the CTE career clusters:
  - Agriculture
  - Food and Natural Resources
  - Architecture and Construction

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- Arts, Audio/Video Technology, Communications
  - Business Management and Administration
  - Finance
  - Hospitality and Tourism
  - Information Technology
  - Manufacturing
  - Marketing
  - Transportation, Distribution, and Logistics
- b. Four English elective credits by selecting courses to include three levels in one of the following areas:
- Advanced broadcast journalism, advanced journalism: yearbook, advanced journalism: newspaper
  - Newspaper
  - Public speaking
  - Debate
- c. Four technology application credits from a selected list
- d. A locally defined set of credits from (a, b, c) above
3. Public Services
- a. A student may earn a Public Services endorsement by completing the requirements specified in Administrative Code, Chapter 74, Subchapter B, Subsection e; and
- b. A coherent sequence of courses for four or more credits in CTE that includes at least two courses in the same career cluster and at least one advanced CTE course. The courses may be selected from CTE or Career Development, or CTE innovative courses approved by the commissioner. The final course in the sequence must be selected from one of the CTE career clusters:
- Education and Training
  - Government and Public Administration
  - Human Services
  - Law, Public Safety, Corrections, and Security
  - Junior Reserve Officer Training Corps (JROTC)

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- Health Science

4. Arts and Humanities

A student may earn an Arts and Humanities endorsement by completing the requirements specified in Administrative Code, Chapter 74, Subchapter B, Subsection e and one of the following:

- Four social studies courses;
- Four levels of the same language other than English;
- Two levels of the same language other than English and two levels of a different language in a language other than English;
- Four levels of American sign language; or
- A coherent sequence of four credits by selecting courses in fine arts.

5. Multidisciplinary Studies

A student may earn a Multidisciplinary Studies endorsement by completing the requirements specified in Administrative Code, Chapter 74, Subchapter B, Subsection e and one of the following:

- Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence;
- Four credits in each of the four foundation subject areas to include English IV and Chemistry and/or Physics; or
- Four Advanced Placement (AP) or International Baccalaureate (IB) courses.

EXHIBIT C

RESOLUTION TO CONSIDER ALTERNATIVE GRADUATION REQUIREMENTS

WHEREAS, pursuant to Education Code section 28.02541, a district may graduate and give a high school diploma under alternative requirements to individuals who entered the ninth grade before the 2011–12 school year and have met all applicable graduation requirements for high school graduation applicable to the student when the student entered the ninth grade, but have not performed satisfactorily on at least three administrations of an assessment instrument or part of an assessment instrument required for graduation, including an alternate assessment instrument offered under Texas Education Code section 39.025(c-1).

WHEREAS, in accordance with 19 Administrative Code section 74.1027, a district may permit eligible individuals to qualify to graduate and receive a high school diploma if they meet the alternative requirements under 19 Administrative Code section 74.1027(c) or board-approved local alternative requirements under 19 Administrative Code section 74.1027(d) that allow an individual to demonstrate proficiency in the content related to the examination for which the individual did not perform satisfactorily.

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of Plano Independent School District by adoption of this resolution approves the following local alternative requirements developed by the District that will allow eligible individuals to graduate and receive a high school diploma as authorized under Education Code section 28.02541.

To be eligible to graduate and receive a high school diploma under these provisions, an eligible individual must demonstrate proficiency to the satisfaction of a local graduation committee in the content areas related to the assessments on which the individual has not performed satisfactorily. Proficiency shall be established through one or more of the following factors:

1. The individual's grade in each course in the subject areas applicable to the assessments on which the individual has not performed satisfactorily;
2. The individual's score on each assessment instrument on which the individual has failed to perform satisfactorily;
3. The individual's performance on any projects or work samples in the subject areas applicable to the assessments on which the individual has not performed satisfactorily (including any projects or work samples identified and assigned by the local graduation committee to be completed by the individual);
4. The individual's participation in offered remediation;
5. The individual's school attendance rate;
6. The individual's transcript of course work;
7. The individual's completion of career and technical education program courses; or

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8. Any other academic, work, military, or life experience determined to be relevant by the local graduation committee.

BE IT FURTHER RESOLVED an individual may graduate under the local alternative requirements if the District has made its determination that the individual has met the requirements by September 1, 2019. Such determination is final and may not be appealed pursuant to Texas Education Code section 28.02541(e) and 19 TAC section 74.1028(e).

Adopted this 7th day of August 2018, by the Board of Trustees.