FOI Students Entenning Grade 9 III 1990-99 and Thereatter				
Discipline	Minimum Graduation Plan (22 Credits)	Recommended High School Program (24 credits)	Distinguished Achievement Program (24 credits)	
English Language Arts and Reading*	<ul> <li>Four credits:</li> <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> <li>English IV,</li> <li>Research/Technical Writing,</li> <li>Creative/Imaginative Writing,</li> <li>Practical Writing Skills,</li> <li>Literary Genres,</li> <li>Business Communication,</li> <li>Journalism, or</li> <li>Concurrent enrollment in a college English course.</li> </ul> </li> </ul>	<ul> <li>Four credits:</li> <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>	<ul> <li>Four credits:</li> <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>	
Mathematics*	<ul><li>Three credits to include:</li><li>Algebra I.</li></ul>	<ul> <li>Three credits must consist of:</li> <li>Algebra I,</li> <li>Algebra II, and</li> <li>Geometry.</li> </ul>	<ul> <li>Three credits must consist of :</li> <li>Algebra I,</li> <li>Algebra II, and</li> <li>Geometry.</li> </ul>	
Science*	<ul> <li>Two credits to include one from either:</li> <li>Biology,</li> <li>Chemistry, or</li> <li>Physics.</li> </ul>	<ul> <li>Three credits selected from four specified areas as indicated below. (No more than one credit may be chosen from each of the four areas.)</li> <li>Integrated Physics and Chemistry;</li> <li>Biology, AP Biology, or IB Biology;</li> <li>Chemistry, AP Chemistry, or IB Chemistry;</li> <li>Physics, Principles of Technology I, AP Physics, or IB Physics.</li> <li>Students are encouraged to take Biology, Chemistry, and Physics.</li> </ul>	<ul> <li>Three credits selected from four specified areas as indicated below. (No more than one credit may be chosen from each of the four areas.)</li> <li>Integrated Physics and Chemistry;</li> <li>Biology, AP Biology, or IB Biology;</li> <li>Chemistry, AP Chemistry, or IB Chemistry;</li> <li>Physics, Principles of Technology I, AP Physics, or IB Physics.</li> <li>Students are encouraged to take Biology, Chemistry, and Physics.</li> </ul>	
Social Studies <b></b> ₩	<ul> <li>Two and one-half credits must consist of:</li> <li>World History Studies (one credit) or 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>	<ul> <li>Three and one-half credits must consist of:</li> <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>	<ul> <li>Three and one-half credits must consist of:</li> <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>	

Discipline	Minimum Graduation Plan (22 credits)	Recommended High School Program (24 credits)	Distinguished Achievement Program (24 credits)
Economics with emphasis on the free enterprise system and its benefits*	One-half credit.	One-half credit.	One-half credit.
Academic Elective <b>≭</b>	<ul> <li>One credit selected from either:</li> <li>World History Studies,</li> <li>World Geography Studies, or</li> <li>any science course approved by SBOE.</li> </ul>	None.	None.
Physical Education	One and one-half credits to include         Foundations of Personal Fitness (one-half credit).         (Limit two credits.)         Can substitute:         drill team,         marching band,         cheerleading,         ROTC,         athletics,         Dance I-IV,         approved private programs, or         certain career and technology education courses.	<ul> <li>One and one-half credits to include</li> <li>Foundations of Personal Fitness (one-half credit). (Limit two credits.)</li> <li>Can substitute: <ul> <li>drill team,</li> <li>marching band,</li> <li>cheerleading,</li> <li>ROTC,</li> <li>athletics,</li> <li>Dance I-IV,</li> <li>approved private programs, or</li> <li>certain career and technology education courses.</li> </ul> </li> </ul>	<ul> <li>One and one-half credits to include</li> <li>Foundations of Personal Fitness (one-half credit). (Limit two credits.)</li> <li>Can substitute: <ul> <li>drill team,</li> <li>marching band,</li> <li>cheerleading,</li> <li>ROTC,</li> <li>athletics,</li> <li>Dance I-IV,</li> <li>approved private programs, or</li> <li>certain career and technology education courses.</li> </ul> </li> </ul>
Health Education	<b>One-half credit</b> or Health Science Technology (one credit).	<b>One-half credit</b> or Health Science Technology (one credit).	One-half credit or Health Science Technology (one credit).
Languages Other Than English*	None.	Two credits must consist of Level I and Level II in the same language.	Three credits must consist of Level I, Level II, and Level III in the same language.
Fine Arts*	None.	One credit . (Speech may not substitute.)	One credit . (Speech may not substitute.)
Speech	<ul> <li>One-half credit selected from either:</li> <li>Communication Applications,</li> <li>Speech Communication,</li> <li>Public Speaking,</li> <li>Debate, or</li> <li>Oral Interpretation.</li> </ul>	One-half credit selected from either:         • Communication Applications,         • Speech Communication,         • Public Speaking,         • Debate, or         • Oral Interpretation.	<ul> <li>One-half credit selected from either:</li> <li>Communication Applications,</li> <li>Speech Communication,</li> <li>Public Speaking,</li> <li>Debate, or</li> <li>Oral Interpretation.</li> </ul>

Discipline	Minimum Graduation Plan	Recommended High School Program	Distinguished Achievement Program
	(22 credits)	(24 credits)	(24 credits)
Technology Applications*	<ul> <li>One credit selected from either:</li> <li>Computer Science I or II,</li> <li>Desktop Publishing,</li> <li>Digital Graphics/Animation,</li> <li>Multimedia,</li> <li>Video Technology,</li> <li>Web Mastering,</li> <li>Independent Study in Technology Applications; or</li> <li>Business Computer Information Systems I or II,</li> <li>Business Computer Programming,</li> <li>Telecommunications and Networking,</li> <li>Business Image Management and Multimedia,</li> <li>Computer Applications,</li> <li>Technology Systems (computer laboratory-based),</li> <li>Computer Multimedia and Animation Technology.</li> </ul>	<ul> <li>One credit selected from either:</li> <li>Computer Science I or II,</li> <li>Desktop Publishing,</li> <li>Digital Graphics/Animation,</li> <li>Multimedia,</li> <li>Video Technology,</li> <li>Web Mastering;</li> <li>Independent Study in Technology Applications; or</li> <li>Business Computer Information Systems I or II,</li> <li>Business Computer Programming,</li> <li>Telecommunications and Networking,</li> <li>Business Image Management and Multimedia,</li> <li>Computer Applications,</li> <li>Technology Systems (computer laboratory-based),</li> <li>Communication Graphics (computer laboratory-based), or</li> <li>Computer Multimedia and Animation Technology.</li> </ul>	<ul> <li>One credit selected from either:</li> <li>Computer Science I or II,</li> <li>Desktop Publishing,</li> <li>Digital Graphics/Animation,</li> <li>Multimedia,</li> <li>Video Technology,</li> <li>Web Mastering;</li> <li>Independent Study in Technology Applications; or</li> <li>Business Computer Information Systems I or II,</li> <li>Business Computer Programming,</li> <li>Telecommunications and Networking,</li> <li>Business Image Management and Multimedia,</li> <li>Computer Applications,</li> <li>Technology Systems (computer laboratory-based),</li> <li>Communication Graphics (computer laboratory-based), or</li> <li>Computer Multimedia and Animation Technology.</li> </ul>

Minimum Graduation Plan Recommended High School Program Distinguished Achievement Pro				
Discipline	22 credits	24 credits	24 credits	
Additional Components*	Five and one-half credits selected from	Three and one-half credits	Two and one-half credits	
	either:	1. Option I: <u>Mathematics, Science</u> ,	1. Option 1: <u>Mathematics, Science,</u>	
	<ul> <li>courses approved by SBOE for Grades</li> </ul>	Elective.	Elective.	
	9-12 as specified under 19 TAC §74.1	A. Mathematics (one credit) must be	A. Mathematics (one credit) must be	
	(relating to Essential Knowledge and	Precalculus.	Precalculus.	
	Skills);	B. Science (one credit) selected from	B. Science (one credit) selected from	
	Reserve Officer Training Corps (ROTC)	either:	either:	
	(one to four credits); or	<ul> <li>Integrated Physics and Chemistry;</li> </ul>	<ul> <li>Integrated Physics and Chemistry;</li> </ul>	
	• Driver Education (one-half credit).	<ul> <li>Biology, AP Biology, or IB Biology;</li> </ul>	<ul> <li>Biology, AP Biology, or IB Biology;</li> </ul>	
		<ul> <li>Environmental Systems, IB</li> </ul>	<ul> <li>Environmental Systems, IB</li> </ul>	
		Environmental Systems, or AP	Environmental Systems, or AP	
		Environmental Science;	Environmental Science;	
		Chemistry, AP Chemistry, or IB	Chemistry, AP Chemistry, or IB	
		Chemistry;	Chemistry;	
		Aquatic Science;	Aquatic Science;	
		Physics, AP Physics, or IB Physics;	Physics, AP Physics, or IB Physics;	
		Astronomy;	Astronomy;	
		Geology, Meteorology, and	Geology, Meteorology, and	
		Oceanography;	Oceanography;	
		Scientific Research and Design;	Scientific Research and Design;	
		Anatomy and Physiology of Human	Anatomy and Physiology of Human	
		Systems;	Systems;	
		Medical Microbiology;	Medical Microbiology;     Data anti-violance and	
		Pathophysiology; or     Dringinlag of Taskaslagy; log Dringinlag	Pathophysiology; or     Dringiples of Tachadamy Las Dringiples	
		Principles of Technology I or Principles     of Technology II or Principles	Principles of Technology I or Principles     of Technology II or Principles	
		of Technology II. C. Elective (one and one-half credits).	of Technology II. C. Elective (one-half credit).	
		<ol> <li>Option II: <u>Career and Technology</u>.</li> </ol>	<ol> <li>2. Option II: <u>Career and Technology.</u></li> </ol>	
		Three and one-half credits in a	Two and one-half credits in a coherent	
		coherent sequence of courses for	sequence of courses for career and	
		career and technology preparation.	technology preparation.	
		3. Option III: <u>Academic.</u>	3. Option III: <u>Academic.</u>	
		Three and one-half credits in state-	Two and one-half credits in state-	
		approved courses in:	approved courses in:	
		language arts,	language arts,	
		• science,	• science,	
		<ul> <li>social studies,</li> </ul>	<ul> <li>social studies,</li> </ul>	
		<ul> <li>mathematics,</li> </ul>	<ul> <li>mathematics,</li> </ul>	
		<ul> <li>languages other than English,</li> </ul>	<ul> <li>languages other than English,</li> </ul>	
		• fine arts, or	fine arts, or	
		<ul> <li>technology applications.</li> </ul>	<ul> <li>technology applications.</li> </ul>	

Discipline	Minimum Graduation Plan 22 credits	Recommended High School Program 24 credits	Distinguished Achievement Program 24 credits
Advanced Measures	None.	None.	<ul> <li><u>Standards for Approval of Requirements:</u> <ul> <li>The measures must focus on demonstrated student performance at the college or professional level.</li> <li>Student performance on advanced measures must be assessed through an external review process.</li> <li><u>Requirements:</u> <ul></ul></li></ul></li></ul>
Total Credits	22	24	including tech prep programs. 24

## Texas State Graduation Requirements For Students Entering Grade 9 in 1997-98

Discipline	Minimum Graduation Plan (22 Credits)*	Recommended High School Program (24 credits)*	Distinguished Achievement Program (24 credits)*		
English Language Arts and Reading <b>≭</b>	<ul> <li>Four credits:</li> <li>English I, II, III, and IV.</li> <li>The fourth credit of English may be satisfied by either: <ul> <li>English IV,</li> <li>English IV (Academic),</li> <li>Research/Technical Writing,</li> <li>Creative/Imaginative Writing,</li> <li>Practical Writing Skills,</li> <li>Literary Genres,</li> <li>Business Communication,</li> <li>Journalism, or</li> <li>Concurrent enrollment in a college English course.</li> </ul> </li> </ul>	<ul> <li>Four credits must consist of:</li> <li>English I, II, III, IV.</li> </ul>	<ul> <li>Four credits must consist of :</li> <li>English I, II, III, and IV.</li> </ul>		
Mathematics*	Three credits to include Algebra I.	<ul> <li>Three credits must consist of:</li> <li>Algebra I,</li> <li>Algebra II, and</li> <li>Geometry.</li> </ul>	<ul> <li>Three credits must consist of:</li> <li>Algebra I,</li> <li>Algebra II, and</li> <li>Geometry.</li> </ul>		
Science*	<ul> <li>Two credits to include one from either:</li> <li>Biology I,</li> <li>Chemistry I, or</li> <li>Physics I.</li> </ul>	<ul> <li>Three credits selected from:</li> <li>Physical Science,</li> <li>Biology I and II,</li> <li>Chemistry I and II,</li> <li>Physics I and II, or</li> <li>Science III and IV.</li> <li>No more than two credits may be taken from any combination of Physical Science, Science III and IV, and Biology I.</li> </ul>	<ul> <li>Three credits selected from :</li> <li>Physical Science,</li> <li>Biology I and II,</li> <li>Chemistry I and II,</li> <li>Physics I and II, or</li> <li>Science III and IV.</li> <li>No more than two credits may be taken from any combination of Physical Science, Science III and IV, and Biology I.</li> </ul>		
Social Studies <b></b> ₩	<ul> <li>Two and one-half credits must consist of :</li> <li>World History Studies or World Geography Studies (one credit),</li> <li>U.S. History (one credit), and</li> <li>U.S. Government (one-half credit).</li> </ul>	<ul> <li>Three and one-half credits must consist of:</li> <li>World History Studies (one credit),</li> <li>World Geography Studies (one Credit),</li> <li>U.S. History (one credit),</li> <li>U.S. Government (one-half credit).</li> </ul>	<ul> <li>Three and one-half credits must consist of:</li> <li>World History Studies (one credit),</li> <li>World Geography Studies (one credit),</li> <li>U.S. History (one credit),</li> <li>U.S. Government (one-half credit).</li> </ul>		
Economics with emphasis on the free enterprise system and its benefits*	One-half credit.	One-half credit.	One-half credit.		

Students who entered grade 9 in prior years may complete graduation programs approved in subsequent years and may earn the appropriate seals on their transcripts. \*19 TAC Chapter 75 (relating to Essential Elements, Grades 9-12) has been repealed. Students must select courses available in 19 TAC Chapters 110-128. \*College Board advanced placement and International Baccalaureate courses may be substituted for requirements in appropriate areas.

Texas State Graduation Requirements For Students Entering Grade 9 in 1997

## Texas State Graduation Requirements For Students Entering Grade 9 in 1997-98, continued

Discipline	Minimum Graduation Plan (22 Credits)*	Recommended High School Program (24 credits)*	Distinguished Achievement Program (24 credits)*
Science/Social Studies Elective <b>*</b>	<ul> <li>One credit selected from either:</li> <li>World History Studies,</li> <li>World Geography Studies, or</li> <li>any science course approved by SBOE.</li> </ul>	Not Applicable.	Not Applicable.
Physical Education	<ul> <li>One and one-half credits to include Foundations of Personal Fitness (one-half credit). (Limit of two credits.) Can substitute:</li> <li>drill team,</li> <li>marching band,</li> <li>cheerleading,</li> <li>ROTC,</li> <li>athletics,</li> <li>Dance I-IV,</li> <li>approved private programs, or</li> <li>certain career and technology education courses.</li> </ul>	<ul> <li>One and one-half credits to include</li> <li>Foundations of Personal Fitness (one-half credit). (Limit of two credits.) Can substitute:</li> <li>drill team,</li> <li>marching band,</li> <li>cheerleading,</li> <li>ROTC,</li> <li>athletics,</li> <li>Dance I-IV,</li> <li>approved private program, or</li> <li>certain career and technology education courses.</li> </ul>	<ul> <li>One and one-half credits to include Foundations of Personal Fitness (one-half credit). (Limit of two credits.) Can substitute:</li> <li>drill team,</li> <li>marching band,</li> <li>cheerleading,</li> <li>ROTC,</li> <li>athletics,</li> <li>Dance I-IV,</li> <li>approved private programs, or</li> <li>certain career and technology education courses.</li> </ul>
Health Education	One-half credit.	One-half credit.	One-half credit.
Languages Other Than English <b>≭</b>	None.	Two credits in the same language.	Three credits in the same language.
Fine Arts*	None.	One credit. (Speech may not substitute.)	One credit. (Speech may not substitute.)
Speech	<ul> <li>One-half credit selected from either:</li> <li>Communication Applications,</li> <li>Introduction to Speech Communication,</li> <li>Public Speaking,</li> <li>Debate, or</li> <li>Oral Interpretation.</li> </ul>	One-half credit selected from either:         Communication Applications,         Introduction to Speech Communication,         Public Speaking,         Debate, or         Oral Interpretation.	<ul> <li>One-half credit selected from either:</li> <li>Communication Applications,</li> <li>Introduction to Speech Communication,</li> <li>Public Speaking,</li> <li>Debate, or</li> <li>Oral Interpretation.</li> </ul>

## Texas State Graduation Requirements For Students Entering Grade 9 in 1997-98, continued

Essential E     Comp     Busin     Busin     Comp	Elements Courses       I         puter Science I or II,       I         ness Computer Applications I or II,       I         ness Computer Programming I or II,       I	One credit selected from either: Essential Elements Courses Computer Science I or II, Business Computer Applications I or II, Business Computer Programming I or II,	<ul> <li>One credit selected from either:</li> <li><u>Essential Elements Courses</u></li> <li>Computer Science I or II,</li> <li>Business Computer Applications I or II,</li> </ul>
<ul> <li>Comp</li> <li>Indust Applic</li> <li>Or TEKS C</li> <li>Comp</li> <li>Deskt</li> <li>Digita</li> <li>Multin</li> <li>Video</li> <li>Web N</li> <li>Indep Applic</li> <li>Busin Multin</li> <li>Telecc</li> <li>Busin II,</li> <li>Busin Comp</li> <li>Techr</li> <li>Comp</li> <li>Comp</li> </ul>	accomputer Applications,         accomputer Applications,         accomputer Application Processing,         buter Mathematics, or         cations. <u>Courses</u> buter Science I or II,         top Publishing,         al Graphics/Animation,         media,         better Study in Technology         cations,         best Image Management. and         media,         best Computer Information Systems I or         mess Computer Programming,         buter Applications,         bouter Applications,         mology Systems,         munications Graphics, or	<ul> <li>Computer Applications,</li> <li>Microcomputer Applications,</li> <li>Business Information Processing,</li> <li>Computer Mathematics, or</li> <li>Industrial Technology Computer Applications.</li> </ul> Or TEKS Courses <ul> <li>Computer Science I or II,</li> <li>Desktop Publishing,</li> <li>Digital Graphics/Animation,</li> <li>Multimedia,</li> <li>Video Technology,</li> <li>Web Mastering,</li> <li>Independent Study in Technology Applications,</li> <li>Business Image Management and Multimedia,</li> <li>Telecommunications and Networking,</li> <li>Business Computer Information Systems I or II,</li> <li>Business Computer Programming,</li> <li>Computer Applications,</li> <li>Technology Systems (computer labbased),</li> <li>Communications Graphics (computer labbased), or</li> <li>Computer Multimedia and Animation</li> </ul>	<ul> <li>Business Computer Programming I or II,</li> <li>Computer Applications,</li> <li>Microcomputer Applications,</li> <li>Business Information Processing,</li> <li>Computer Mathematics, or</li> <li>Industrial Technology Computer Applications.</li> </ul> Or TEKS Courses <ul> <li>Computer Science I or II,</li> <li>Desktop Publishing,</li> <li>Digital Graphics/Animation,</li> <li>Multimedia,</li> <li>Video Technology,</li> <li>Web Mastering,</li> <li>Independent Study in Technology Applications,</li> <li>Business Image Management and Multimedia,</li> <li>Telecommunications and Networking,</li> <li>Business Computer Information Systems I or II,</li> <li>Business Computer Programming,</li> <li>Computer Applications,</li> <li>Technology Systems (computer labbased),</li> <li>Communications Graphics (computer labbased), or</li> <li>Computer Multimedia and Animation</li> </ul>

# Texas State Graduation Requirements For Students Entering Grade 9 in 1997-98, continued

	Minimum Graduation Plan	Recommended High School Program	Distinguished Achievement Program
Discipline	(22 Credits)*	(24 credits)*	(24 credits)*
Electives/Additional Components *	Five and one-half elective credits Selected from the list of State Board of Education approved courses, Grades 9-12. See Subchapter D of 19 TAC Chapter 75 (relating to Essential Elements-Grades 9-12).	<ul> <li>Three and one-half credits:</li> <li>Option I: <u>Mathematics</u>, <u>Science</u>, <u>Elective</u>.</li> <li>A. Mathematics (one credit). The credit must consist of: <ul> <li>Precalculus (one credit): or</li> <li>Trigonometry (one-half credit); and either Elementary Analysis (one-half credit) or Analytic Geometry (one-half credit).</li> <li>B. Science (one credit) selected from either:</li> <li>Biology I or II,</li> <li>Chemistry I or II,</li> <li>Physics I or II, or</li> <li>Science III or IV.</li> </ul> </li> <li>A student may not take more than two credits from any combination of Physical Science, Science III and IV, and Biology I.</li> <li>C. Elective (one and one-half credits).</li> </ul> 2. Option II: <u>Career and Technology</u> . Three and one-half credits in a coherent sequence of courses for career and technology preparation. 3. Option III: <u>Specialization</u> . The student must demonstrate proficiency equivalent to three and one-half credits in a specialization consisting of state-approved, college-preparatory courses from: <ul> <li>language arts (including speech and journalism),</li> <li>science,</li> <li>social studies,</li> <li>mathematics,</li> <li>languages other than English,</li> <li>fine arts, or</li> <li>technology applications.</li> </ul>	<ul> <li>Two and one-half credits:</li> <li><b>1.</b> Option I: <u>Mathematics, Science, Elective</u> <ul> <li>A. Mathematics (one credit). The credit must consist of:</li> <li>Precalculus (one credit); or</li> <li>Trigonometry (one-half credit); and either Elementary Analysis (one-half credit); and either Elementary Analysis (one-half credit).</li> <li>B. Science (one credit) selected from either:</li> <li>Biology I or II,</li> <li>Chemistry I or II,</li> <li>Physics I or II, or</li> <li>Science III or IV.</li> </ul> </li> <li>A student may not take more than two credits from any combination of Physical Science, Science III and IV, and Biology I.</li> <li>C. Elective (one and one-half credits).</li> </ul> <li><b>2.</b> Option II: <u>Career and Technology</u>. Two and one-half credits in a coherent sequence of courses for career and technology preparation.</li> <li><b>3.</b> Option III: <u>Specialization</u>. The student must demonstrate proficiency equivalent to two and one-half credits in a specialization consisting of state-approved, college-preparatory courses from: <ul> <li>language arts (including speech and journalism),</li> <li>science,</li> <li>social studies,</li> <li>mathematics,</li> <li>languages other than English,</li> <li>fine arts, or</li> <li>technology applications.</li> </ul> </li>
Total Credits	22	24	24

Students who entered grade 9 in prior years may complete graduation programs approved in subsequent years and may earn the appropriate seals on their transcripts. \*19 TAC Chapter 75 (relating to Essential Elements, Grades 9-12) has been repealed. Students must select courses available in 19 TAC Chapters 110-128. \*College Board advanced placement and International Baccalaureate courses may be substituted for requirements in appropriate areas.

## Texas State Graduation Requirements For Students Entering Grade 9 in 1997-1998, continued

Discipline	Minimum Graduation Plan 22 credits	Recommended High School Program 24 credits	Distinguished Achievement Program 24 credits*
Advanced Measures	None.	None.	<ul> <li><u>Standards for Approval of Requirements:</u> <ul> <li>The measures must focus on demonstrated student performance at the college or professional level.</li> <li>Student performance on advanced measures must be assessed through an external review process.</li> <li><u>Requirements:</u> <ul></ul></li></ul></li></ul>
Total Credits	22	24	24

	Minimum Graduation Plan	Recommended High School Program	Distinguished Achievement Program
Discipline	(21 Credits)*	(24 credits)*	(24 credits)*
English Language Arts and Reading <b>*</b>	<ul> <li>Four credits:</li> <li>English I, II, III, and IV.</li> <li>The fourth credit of English may be satisfied by either: <ul> <li>English IV,</li> <li>English IV (Academic),</li> <li>Introduction to Speech Communication,</li> <li>Research/Technical Writing,</li> <li>Creative/Imaginative Writing,</li> <li>Practical Writing Skills,</li> <li>Literary Genres,</li> <li>Business Communication,</li> <li>Debate,</li> <li>Journalism, or</li> <li>Concurrent enrollment in a college English course.</li> </ul> </li> </ul>	<ul> <li>Four credits:</li> <li>English I, II, III, IV;</li> <li>or a passing score on an appropriate end- of-course assessment.</li> </ul>	<ul> <li>Four credits:</li> <li>English I, II, III, IV</li> <li>or a passing score on an appropriate end- of-course assessment.</li> </ul>
Mathematics*	Three credits.	<ul> <li>Three credits must consist of:</li> <li>Algebra I,</li> <li>Algebra II, and</li> <li>Geometry;</li> <li>or a passing score on an appropriate end- of-course assessment.</li> </ul>	<ul> <li>Three credits must consist of:</li> <li>Algebra I,</li> <li>Algebra II, and</li> <li>Geometry;</li> <li>or a passing score on an appropriate end- of-course assessment.</li> </ul>
Science *	<b>Two credits</b> selected from the State Board of Education approved science courses, Grades 9- 12, Subchapter D of 19 TAC Chapter 75 (relating to Essential Elements-Grades 9-12).	<ul> <li>Three credits selected from:</li> <li>Physical Science,</li> <li>Biology I and II,</li> <li>Chemistry I and II,</li> <li>Physics I and II,</li> <li>Science III and IV, or</li> <li>a passing score on an appropriate end-of-course assessment.</li> <li>No more than two credits may be taken from any combination of Physical Science, Science III and IV, and Biology I.</li> </ul>	<ul> <li>Three credits selected from :</li> <li>Physical Science,</li> <li>Biology I and II,</li> <li>Chemistry I and II,</li> <li>Physics I and II,</li> <li>Science III and IV, or</li> <li>a passing score on an appropriate end-of-course assessment.</li> <li>No more than two credits may be taken from any combination of Physical Science, Science III and IV, and Biology I.</li> </ul>

	Minimum Graduation Plan	Recommended High School Program	Distinguished Achievement Program
Discipline	(21 Credits)*	(24 credits)*	(24 credits)*
Social Studies <b></b> ★	Two and one-half credits must consist of :	Four credits must consist of:	Four credits must consist of:
	World History Studies or World Geography	<ul> <li>U.S. History (one credit),</li> </ul>	<ul> <li>U.S. History (one credit),</li> </ul>
	Studies (one credit),	<ul> <li>World History Studies (one credit),</li> </ul>	<ul> <li>World History Studies (one credit),</li> </ul>
	<ul> <li>U.S. History (one credit), and</li> </ul>	<ul> <li>World Geography Studies (one credit),</li> </ul>	<ul> <li>World Geography Studies (one credit),</li> </ul>
	• U.S. Government (one-half credit).	<ul> <li>U.S. Government (one-half credit),</li> </ul>	<ul> <li>U.S. Government (one-half credit),</li> </ul>
		<ul> <li>Economics (one-half credit).</li> </ul>	<ul> <li>Economics (one-half credit).</li> </ul>
Economics with emphasis on the	One-half credit.	Combined with Social Studies requirement.	Combined with Social Studies requirement.
free enterprise system and its			
benefits*			
Physical Education	One and one-half credits	One and one-half credits	One and one-half credit:s
	(Limit of two credits.) Can substitute:	(Limit of two credits.) Can substitute:	(Limit of two credits.) Can substitute:
	drill team,	• drill team,	drill team,
	marching band,	marching band,	marching band,
	• cheerleading,	cheerleading,	cheerleading,
	• ROTC,	• ROTC,	• ROTC,
	athletics,	Athletics,	• athletics,
	• Dance I-IV,	• Dance I-IV,	• Dance I-IV,
	<ul> <li>approved private programs, or</li> </ul>	<ul> <li>approved private programs, or</li> </ul>	<ul> <li>approved private programs, or</li> </ul>
	certain career and technology education	certain career and technology education	<ul> <li>certain career and technology education</li> </ul>
	courses.	courses.	courses.
Health Education	One-half credit.	One-half credit or a passing score on an	One-half credit or a passing score on an
		appropriate end-of-course exam.	appropriate end-of-course exam.
Languages Other Than English*	None.	Three credits in the same language or a	Three credits in the same language or a
		passing score on a second-language	passing score on a second-language proficiency
Ele - Aste M	News	proficiency assessment.	assessment.
Fine Arts <b>★</b>	None.	One credit or a passing score on an	One credit or a passing score on an appropriate
		appropriate end-of-course assessment.	end-of-course assessment.
		(Speech may not substitute.)	(Speech may not substitute.)
Speech	None.	None.	None.

Discipline	Minimum Graduation Plan (21 Credits)*	Recommended High School Program (24 credits)*	Distinguished Achievement Program (24 credits)*
Technology Applications★	None.	One credit selected from either:	One credit selected from either:
		<ul> <li>Computer Science I or II,</li> </ul>	Computer Science I or II,
		<ul> <li>Business Computer Applications I or II,</li> </ul>	Business Computer Applications I or II,
		<ul> <li>Business Computer Programming I or II,</li> </ul>	Business Computer Programming I or II,
		<ul> <li>Computer Applications,</li> </ul>	Computer Applications,
		<ul> <li>Microcomputer Applications,</li> </ul>	<ul> <li>Microcomputer Applications,</li> </ul>
		<ul> <li>Business Information Processing,</li> </ul>	<ul> <li>Business Information Processing,</li> </ul>
		<ul> <li>Computer Mathematics, or</li> </ul>	Computer Mathematics, or
		<ul> <li>Industrial Technology Computer</li> </ul>	Industrial Technology Computer
		Applications.	Applications.

	Minimum Graduation Plan	Recommended High School Program	Distinguished Achievement Program
Discipline	(21 Credits)*	(24 credits)*	(24 credits)*
Electives/Additional Components *	Creatisy Seven elective credits selected from the list of State Board of Education approved courses, Grades 9-12. See Subchapter D of 19 TAC Chapter 75 (relating to Essential Elements- Grades 9-12).	<ul> <li>Three credits:</li> <li><b>1.</b> Option I: <u>Mathematics, Science, Elective.</u> <ul> <li>A. Mathematics (one credit). The credit must consist of:</li> <li>Precalculus (one credit): or</li> <li>Trigonometry (one-half credit): and Either Elementary Analysis (one-half credit) or Analytic Geometry (one-half credit).</li> <li>B. Science (one credit). The credit must be selected from either:</li> <li>Biology I or II,</li> <li>Chemistry I or II,</li> <li>Physics I or II, or</li> <li>Science III or IV.</li> <li>A student may not take more than two credits from any combination of Physical Science, Science III and IV, and Biology I.</li> <li>C. Elective (one credit). The student must demonstrate proficiency equivalent to three credits in a coherent sequence of courses for career and technology preparation.</li> </ul> </li> <li><b>3.</b> Option III: <u>Specialization.</u> The student must demonstrate proficiency equivalent to three credits in a specialization consisting of state-approved, college-preparatory courses from: <ul> <li>language arts (including speech and journalism),</li> <li>science,</li> <li>social studies,</li> <li>mathematics,</li> <li>languages other than English,</li> <li>fine arts, or</li> </ul> </li> </ul>	<ul> <li>(24 credits)"</li> <li>Three credits:</li> <li><b>1.</b> Option I: <u>Mathematics, Science, Elective.</u> <ul> <li>A. Mathematics (one credit). The credit must consist of:</li> <li>Precalculus (one credit); or</li> <li>Trigonometry (one-half credit); and either Elementary Analysis (one-half credit) or Analytic Geometry (one-half credit).</li> <li>B. Science (one credit). Selected from:</li> <li>Biology I or II,</li> <li>Chemistry I or II,</li> <li>Physics I or II, or</li> <li>Science III or IV.</li> <li>A student may not take more than two credits from any combination of Physical Science, Science III and IV, and Biology I.</li> <li>C. Elective (one credit).</li> </ul> </li> <li><b>2.</b> Option II: <u>Career and Technology</u>. Three credits in a coherent sequence of courses for career and technology preparation.</li> <li><b>3.</b> Option III: <u>Specialization</u>. The student must demonstrate proficiency equivalent to three credits in a specialization consisting of state-approved, college-preparatory courses from: <ul> <li>language arts (including speech and journalism),</li> <li>science,</li> <li>social studies,</li> <li>mathematics, or</li> <li>technology applications.</li> </ul> </li> </ul>
Total Credits	21	technology applications.     24	24

Discipline	Minimum Graduation Plan (21 credits)*	Recommended High School Program (24 credits)*	Distinguished Achievement Program (24 credits)*
Advanced Measures	None.	None.	<ul> <li>Standards for Approval of Requirements:</li> <li>The measures must focus on demonstrated student performance at the college or professional level.</li> <li>Student performance on advanced measures must be assessed through an external review process.</li> <li>Requirements:</li> <li>A student must achieve any combination of four of the following: Original research/project:         <ul> <li>judged by a panel of professionals in the field that is the focus of the project; or</li> <li>conducted under the direction of mentor(s) and reported to an appropriate audience; and</li> <li>related to the required curriculum set forth in 19 TAC §74.1 (relating to Essential Knowledge and Skills).</li> </ul> </li> <li>Test data:         <ul> <li>a score of three or above on The College Board Advanced Placement examination;</li> <li>a score of four or above on an International Baccalaureate examination;</li> <li>a score on the Preliminary Scholastic Assessment Test (PSAT) that qualifies a student for recognition as a Commended Scholar or higher by the National Merit Scholarship Corporation; as part of the National Merit Scholarship Program for Outstanding Negro Students of the National Merit Scholarship Program for Outstanding Negro Students of the number of honors received by the student.</li> </ul> </li> <li>College courses:         <ul> <li>a grade of 3.0 or higher on courses that count for college credit, including tech prep programs.</li> <li>License:                 <ul> <li>a license awarded by a professional board or association. (This item may count for only one advanced measure, regardless of the number of licenses received.)</li> </ul> </li></ul></li></ul>
Total Credits	21	24	24

A Comparison of Graduation Plans for Students Entering Grade 9 in 1994-95, 1995-96, and 1996-97; 1997-98; and 1998-99 and Thereafter Minimum High School Programs

Disciplino	Freshmen of 1994-95, 1995-96, and 1996-97 Minimum Graduation Plan (21 Credits)*	Freshmen of 1997-98	Freshmen of 1998-99 and Thereafter Minimum Graduation Plan (22 Credits)
Discipline		Minimum Graduation Plan (22 Credits)*	
English Language Arts and Reading <b>*</b>	<ul> <li>Four credits:</li> <li>English I, II, III, and IV.</li> <li>The fourth credit of English may be satisfied by either: <ul> <li>English IV,</li> <li>English IV (Academic),</li> <li>Introduction to Speech Communication,</li> <li>Research/Technical Writing,</li> <li>Creative/Imaginative Writing,</li> <li>Practical Writing Skills,</li> <li>Literary Genres,</li> <li>Business Communication,</li> <li>Debate,</li> <li>Journalism, or</li> <li>Concurrent enrollment in a college English course.</li> </ul> </li> </ul>	<ul> <li>Four credits:</li> <li>English I, II, III, and IV.</li> <li>The fourth credit of English may be satisfied by either: <ul> <li>English IV,</li> <li>English IV (Academic),</li> <li>Research/Technical Writing,</li> <li>Creative/Imaginative Writing,</li> <li>Practical Writing Skills,</li> <li>Literary Genres,</li> <li>Business Communication,</li> <li>Journalism, or</li> <li>Concurrent enrollment in a college English course.</li> </ul> </li> </ul>	<ul> <li>Four credits:</li> <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> <li>English IV,</li> <li>Research/Technical Writing,</li> <li>Creative/Imaginative Writing,</li> <li>Practical Writing Skills,</li> <li>Literary Genres,</li> <li>Business Communication,</li> <li>Journalism, or</li> <li>Concurrent enrollment in a college English course.</li> </ul> </li> </ul>
Mathematics*	Three credits.	Three credits to include Algebra I.	Three credits to include Algebra I.
Science*	<b>Two credits</b> selected from the State Board of Education approved science courses, Grades 9- 12, Subchapter D of 19 TAC Chapter 75 (relating to Essential Elements-Grades 9-12).	<ul> <li>Two credits to include one from either:</li> <li>Biology I,</li> <li>Chemistry I, or</li> <li>Physics I.</li> </ul>	<ul> <li>Two credits to include one from either:</li> <li>Biology,</li> <li>Chemistry, or</li> <li>Physics.</li> </ul>
Social Studies <b></b> ₩	<ul> <li>Two and one-half credits must consist of :</li> <li>World History Studies or World Geography Studies (one credit),</li> <li>U.S. History (one credit), and</li> <li>U.S. Government (one-half credit).</li> </ul>	<ul> <li>Two and one-half credits must consist of :</li> <li>World History Studies or World Geography Studies (one credit),</li> <li>U.S. History (one credit), and</li> <li>U.S. Government (one-half credit).</li> </ul>	<ul> <li>Two and one-half credits must consist of:</li> <li>World History Studies (one credit) or 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>
Economics with emphasis on the free enterprise system and its benefits <b>*</b>	One-half credit.	One-half credit.	One-half credit.

Students who entered grade 9 in prior years may complete graduation programs approved in subsequent years and may earn the appropriate seals on their transcripts. \*19 TAC Chapter 75 (relating to Essential Elements, Grades 9-12) has been repealed. Students must select courses available in 19 TAC Chapters 110-128. \*College Board advanced placement and International Baccalaureate courses may be substituted for requirements in appropriate areas.

## **Texas State Graduation Requirements**

#### A Comparison of Graduation Plans for Students Entering Grade 9 in 1994-95, 1995-96, and 1996-97; 1997-98; and 1998-99 and Thereafter Minimum High School Programs, continued

Discipline	Freshmen of 1994-95, 1995-96, and 1996-97 Minimum Graduation Plan (21 Credits)*	Freshmen of 1997-98 Minimum Graduation Plan (22 Credits)*	Freshmen of 1998-99 and Thereafter Minimum Graduation Plan (22 Credits)
Science/Social Studies Elective (1997-98)★ Or Academic Elective★ (1998-99+)	None.	<ul> <li>One credit selected from either:</li> <li>World History Studies,</li> <li>World Geography Studies, or</li> <li>any science course approved by SBOE.</li> </ul>	<ul> <li>One credit selected from either:</li> <li>World History Studies,</li> <li>World Geography Studies, or</li> <li>any science course approved by SBOE.</li> </ul>
Physical Education	One and one-half credits         (Limit of two credits.) Can substitute:         • drill team,         • marching band,         • cheerleading,         • ROTC,         • athletics,         • Dance I-IV,         • approved private programs, or         • certain career and technology education courses.	One and one-half credits to include         Foundations of Personal Fitness (one-half credit). (Limit of two credits.) Can substitute:         • drill team,         • marching band,         • cheerleading,         • ROTC,         • athletics,         • Dance I-IV,         • approved private programs, or         • certain career and technology education courses.	<ul> <li>One and one-half credits to include Foundations of Personal Fitness (one-half credit). (Limit of two credits.) Can substitute:</li> <li>drill team,</li> <li>marching band,</li> <li>cheerleading,</li> <li>ROTC,</li> <li>athletics,</li> <li>Dance I-IV,</li> <li>approved private programs, or</li> <li>certain career and technology education courses.</li> </ul>
Health Education	One-half credit.	One-half credit.	One-half credit or Health Science Technology (one credit).
Languages Other Than English <b>≭</b>	None.	None.	None.
Fine Arts*	None.	None.	None.
Speech	None.	<ul> <li>One-half credit selected from either:</li> <li>Communication Applications,</li> <li>Introduction to Speech Communication,</li> <li>Public Speaking,</li> <li>Debate, or</li> <li>Oral Interpretation.</li> </ul>	<ul> <li>One-half credit selected from either:</li> <li>Communication Applications,</li> <li>Speech Communication,</li> <li>Public Speaking,</li> <li>Debate, or</li> <li>Oral Interpretation.</li> </ul>

Students who entered grade 9 in prior years may complete graduation programs approved in subsequent years and may earn the appropriate seals on their transcripts. \*19 TAC Chapter 75 (relating to Essential Elements, Grades 9-12) has been repealed. Students must select courses available in 19 TAC Chapters 110-128. \*College Board advanced placement and International Baccalaureate courses may be substituted for requirements in appropriate areas.

#### **Texas State Graduation Requirements**

#### A Comparison of Graduation Plans for Students Entering Grade 9 in 1994-95, 1995-96, and 1996-97; 1997-98; and 1998-99 and Thereafter

## Minimum High School Programs, continued

Discipline	Freshmen of 1994-95, 1995-96, and 1996-97 Minimum Graduation Plan (21 Credits)*	Freshmen of 1997-98 Minimum Graduation Plan (22 Credits)*	Freshmen of 1998-99 and Thereafter Minimum Graduation Plan (22 Credits)
Technology Applications ★	None.	One credit selected from either:         Essential Elements Courses         Computer Science I or II,         Business Computer Applications I or II,         Computer Applications,         Microcomputer Applications,         Business Information Processing,         Computer Mathematics, or         Industrial Technology Computer Applications.         Or TEKS Courses         Computer Science I or II,         Desktop Publishing,         Digital Graphics/Animation,         Multimedia,         Video Technology,         Web Mastering,         Independent Study in Technology Applications,         Business Computer Information Systems I or II,         Business Computer Programming,         Computer Applications,         Telecommunications and Networking,         Business Computer Programming,         Computer Applications,         Telecommunications and Networking,         Business Computer Programming,         Computer Applications,         Technology Systems,         Communications Graphics, or         Computer Multimedia and Animation Technology.	<ul> <li>One credit selected from either:</li> <li>Computer Science I or II,</li> <li>Desktop Publishing,</li> <li>Digital Graphics/Animation,</li> <li>Multimedia,</li> <li>Video Technology,</li> <li>Web Mastering,</li> <li>Independent Study in Technology Applications,</li> <li>Business Image Management. And Multimedia,</li> <li>Telecommunications and Networking,</li> <li>Business Computer Information Systems I or II,</li> <li>Business Computer Programming,</li> <li>Computer Applications,</li> <li>Technology Systems (computer lab-based),</li> <li>Communication Graphics (computer lab-based), or</li> <li>Computer Multimedia and Animation Technology.</li> </ul>
Electives/Additional Components <b>*</b>	Seven elective credits selected from the list of State Board of Education approved courses, Grades 9-12. See Subchapter D of 19 TAC Chapter 75 (relating to Essential Elements- Grades 9-12).	<b>Five and one-half elective credits</b> Selected from the list of State Board of Education approved courses, Grades 9-12. See Subchapter D of 19 TAC Chapter 75 (relating to Essential Elements- Grades 9-12).	<ul> <li>Five and one-half elective credits selected from either:</li> <li>courses approved by SBOE for Grades 9-12 as specified under 19 TAC §74.1 (relating to Essential Knowledge and Skills);</li> <li>Reserve Officer Training Corps (ROTC) (one to four credits); or</li> <li>Driver Education (one-half credit).</li> </ul>
Total Credits	21	22	22

A Comparison of Graduation Plans for Students Entering Grade 9 in 1994-95, 1995-96, and 1996-97; 1997-98; and 1998-99 and Thereafter Recommended High School Programs

Discipline	Freshmen of 1994-95, 1995-96, and 1996-97 Recommended High School Program (24 Credits)*	Freshmen of 1997-98 Recommended High School Program (24 Credits)*	Freshmen of 98-99 and Thereafter Recommended High School Program (24 Credits)
English Language Arts and Reading <b>米</b>	<ul> <li>Four credits must consist of:</li> <li>English I, II, III, IV;</li> <li>or a passing score on an appropriate end- of-course assessment.</li> </ul>	<ul> <li>Four credits must consist of:</li> <li>English I, II, III, IV.</li> </ul>	<ul> <li>Four credits must consist of:</li> <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>
Mathematics*	<ul> <li>Three credits must consist of:</li> <li>Algebra I,</li> <li>Algebra II, and</li> <li>Geometry;</li> <li>or a passing score on an appropriate end- of-course assessment.</li> </ul>	<ul> <li>Three credits must consist of:</li> <li>Algebra I,</li> <li>Algebra II, and</li> <li>Geometry.</li> </ul>	<ul> <li>Three credits must consist of:</li> <li>Algebra I,</li> <li>Algebra II, and</li> <li>Geometry.</li> </ul>
Science*	<ul> <li>Three credits selected from:</li> <li>Physical Science,</li> <li>Biology I and II,</li> <li>Chemistry I and II,</li> <li>Physics I and II,</li> <li>Science III and IV, or</li> <li>A passing score on an appropriate end-of-course assessment.</li> <li>No more than two credits may be taken from any combination of Physical Science, Science III and IV, and Biology I.</li> </ul>	<ul> <li>Three credits selected from:</li> <li>Physical Science,</li> <li>Biology I and II,</li> <li>Chemistry I and II,</li> <li>Physics I and II, or</li> <li>Science III and IV.</li> <li>No more than two credits may be taken from any combination of Physical Science, Science III and IV, and Biology I.</li> </ul>	<ul> <li>Three credits selected from four specified areas as indicated below. (No more than one credit may be chosen from each of the four areas.)</li> <li>Integrated Physics and Chemistry;</li> <li>Biology, AP Biology, or IB Biology;</li> <li>Chemistry, AP Chemistry, or IB Chemistry;</li> <li>Physics, Principles of Technology I, AP Physics, or IB Physics.</li> <li>Students are encouraged to take Biology, Chemistry, and Physics.</li> </ul>
Social Studies <b></b> ★	<ul> <li>Four credits must consist of:</li> <li>U.S. History (one credit),</li> <li>World History Studies (one credit),</li> <li>World Geography Studies (one credit),</li> <li>U.S. Government (one-half credit),</li> <li>Economics (one-half credit).</li> </ul>	<ul> <li>Three and one-half credits must consist of:</li> <li>World History Studies (one credit),</li> <li>World Geography Studies (one Credit),</li> <li>U.S. History (one credit),</li> <li>U.S. Government (one-half credit).</li> </ul>	<ul> <li>Three and one-half credits must consist of:</li> <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>
Economics with emphasis on the free enterprise system and its benefits*	Combined with Social Studies requirement.	One-half credit.	One-half credit.

Students who entered grade 9 in prior years may complete graduation programs approved in subsequent years and may earn the appropriate seals on their transcripts. \*19 TAC Chapter 75 (relating to Essential Elements, Grades 9-12) has been repealed. Students must select courses available in 19 TAC Chapters 110-128. \*College Board advanced placement and International Baccalaureate courses may be substituted for requirements in appropriate areas.

## **Texas State Graduation Requirements**

# A Comparison of Graduation Plans for Students Entering Grade 9 in 1994-95, 1995-96, and 1996-97; 1997-98; and 1998-99 and Thereafter Recommended High School Programs, continued

Discipline	Freshmen of 1994-95, 1995-96, and 1996-97 Recommended High School Program (24 Credits)*	Freshmen of 1997-98 Recommended High School Program (24 Credits)*	Freshmen of 1998-99 and Thereafter Recommended High School Program (24 Credits)
Science/Social Studies Elective*	Not Applicable.	Not Applicable.	Not Applicable.
Academic Elective <b>★</b>	None.	None.	None.
Physical Education	<ul> <li>One and one-half credits</li> <li>(Limit of two credits.) Can substitute: <ul> <li>drill team,</li> <li>marching band,</li> <li>cheerleading,</li> <li>ROTC,</li> <li>athletics,</li> <li>Dance I-IV,</li> <li>approved private program, or</li> <li>certain career and technology education courses.</li> </ul> </li> </ul>	<ul> <li>One and one-half credits to include</li> <li>Foundations of Personal Fitness (one-half credit). (Limit of two credits.) Can substitute:</li> <li>drill team,</li> <li>marching band,</li> <li>cheerleading,</li> <li>ROTC,</li> <li>athletics,</li> <li>Dance I-IV,</li> <li>approved private program, or</li> <li>certain career and technology education courses.</li> </ul>	<ul> <li>One and one-half credits to include Foundations of Personal Fitness (one-half credit). (Limit of two credits.) Can substitute:</li> <li>drill team,</li> <li>marching band,</li> <li>cheerleading,</li> <li>ROTC,</li> <li>athletics,</li> <li>Dance I-IV,</li> <li>approved private program, or</li> <li>certain career and technology education courses.</li> </ul>
Health Education	<b>One-half credit</b> or a passing score on an appropriate end-of-course assessment.	One-half credit.	<b>One-half credit</b> or Health Science Technology (one credit).
Languages Other Than English <b>*</b>	Three credits in the same language or a passing score on a second-language proficiency assessment.	Two credits in the same language.	<b>Two credits</b> must consist of Level I and Level II in the same language.
Fine Arts*	One credit or a passing score on an appropriate end-of-course assessment. (Speech may not substitute.)	One credit. (Speech may not substitute.)	One credit. (Speech may not substitute.)
Speech	None.	<ul> <li>One-half credit selected from either:</li> <li>Communication Applications,</li> <li>Introduction to Speech Communication,</li> <li>Public Speaking,</li> <li>Debate, or</li> <li>Oral Interpretation.</li> </ul>	<ul> <li>One-half credit selected from either:</li> <li>Communication Applications,</li> <li>Speech Communication,</li> <li>Public Speaking,</li> <li>Debate, or</li> <li>Oral Interpretation.</li> </ul>

Students who entered grade 9 in prior years may complete graduation programs approved in subsequent years and may earn the appropriate seals on their transcripts. \*19 TAC Chapter 75 (relating to Essential Elements, Grades 9-12) has been repealed. Students must select courses available in 19 TAC Chapters 110-128. \*College Board advanced placement and International Baccalaureate courses may be substituted for requirements in appropriate areas.

### **Texas State Graduation Requirements**

A Comparison of Graduation Plans for Students Entering Grade 9 in 1994-95, 1995-96, and 1996-97; 1997-98; and 1998-99 and Thereafter

## Recommended High School Programs, continued

Discipline	Freshmen of 1994-95, 1995-96, and 1996-97	Freshmen of 1995-96	Freshmen of 1998-99 and Thereafter
	Recommended High School Program	Recommended High School Program	Recommended High School Program
	(24 credits)*	(24 credits)*	(24 credits)
Technology Applications*	One credit selected from either:         • Computer Science I or II,         • Business Computer Applications I or II,         • Business Computer Programming I or II,         • Computer Applications,         • Microcomputer Applications,         • Business Information Processing,         • Computer Mathematics, or         • Industrial Technology Computer Applications.	One credit selected from either:         Essential Elements Courses         Computer Science I or II,         Business Computer Applications I or II,         Computer Applications,         Microcomputer Applications,         Business Information Processing,         Computer Mathematics, or         Industrial Technology Computer Applications.         Or TEKS Courses         Computer Science I or II,         Desktop Publishing,         Digital Graphics/Animation,         Multimedia,         Video Technology,         Web Mastering,         Independent Study in Technology         Applications,         Business Computer Information Systems I or II,         Business Image Management and Multimedia,         Telecommunications and Networking,         Business Computer Information Systems I or II,         Business Computer Programming,         Computer Applications,         Business Computer Information Systems I or II,         Business Computer Programming,         Computer Applications,         Business Computer Information Systems I or II,         Business Computer Programming,         Computer Applications,         Technology Systems (computer labbased),         Communications Graphics (computer	<ul> <li>One credit selected from either:</li> <li>Computer Science I or II,</li> <li>Desktop Publishing,</li> <li>Digital Graphics/Animation,</li> <li>Multimedia,</li> <li>Video Technology,</li> <li>Web Mastering,</li> <li>Independent Study in Technology Applications,</li> <li>Business Image Management and Multimedia,</li> <li>Telecommunications and Networking,</li> <li>Business Computer Information Systems I or II,</li> <li>Business Computer Programming,</li> <li>Computer Applications,</li> <li>Technology Systems (computer lab-based), or</li> <li>Computer Multimedia and Animation Technology.</li> </ul>

A Comparison of Graduation Plans for Students Entering Grade 9 in 1994-95, 1995-96, and 1996-97; 1997-98; and 1998-99 and Thereafter Recommended High School Programs, continued

Discipline	Freshmen of 1994-95, 1995-96, and 1996-97 Recommended High School Program (24 credits)*	Freshmen of 1997-98 Recommended High School Program (24 credits)*	Freshmen of 1998-99 and Thereafter Recommended High School Program (24 credits)
Additional Components*	<ul> <li>Three credits:</li> <li><b>2.</b> Option I: <u>Mathematics, Science, Elective.</u> <ul> <li>A. Mathematics (one credit). The credit must consist of:</li> <li>Precalculus (one credit); or</li> <li>Trigonometry (one-half credit); and either Elementary Analysis (one-half credit).</li> <li>B. Science (one credit). The credit must be selected from either:</li> <li>Biology I or II,</li> <li>Chemistry I or II,</li> <li>Physics I or II, or</li> <li>Science (III or IV.</li> <li>A student may not take more than two credits from any combination of Physical Science, Science III and IV, and Biology I.</li> <li>C. Elective (one credit).</li> </ul> </li> <li><b>2.</b> Option II: <u>Career and Technology</u>. The student must demonstrate proficiency equivalent to three credits in a coherent sequence of courses for career and technology preparation.</li> <li><b>3.</b> Option III: <u>Specialization.</u> The student must demonstrate proficiency equivalent to three credits in a specialization consisting of state-approved, college-preparatory courses from: <ul> <li>language arts (including speech and journalism),</li> <li>science,</li> <li>social studies,</li> <li>mathematics,</li> <li>languages other than English,</li> <li>fine arts, or</li> <li>technology applications.</li> </ul> </li> </ul>	<ul> <li>Three and one-half credits:</li> <li>2. Option I: Mathematics, Science, Elective. <ul> <li>A. Mathematics (one credit). The credit must consist of:</li> <li>Precalculus (one credit); or</li> <li>Trigonometry (one-half credit); and either Elementary Analysis (one-half credit).</li> <li>B. Science (one credit). The credit must be selected from either:</li> <li>Biology I or II,</li> <li>Chemistry I or II,</li> <li>Physics I or II, or</li> <li>Science III or IV.</li> <li>A student may not take more than two credits from any combination of Physical Science, Science III and IV, and Biology I.</li> <li>C. Elective (one and one-half credits).</li> </ul> </li> <li>2. Option II: Career and Technology. The student must demonstrate proficiency equivalent to three and one-half credits in a coherent sequence of courses for career and technology preparation.</li> <li>3. Option III: Specialization. The student must demonstrate proficiency equivalent to three and one-half credits in a specialization consisting of state-approved, college-preparatory courses from: <ul> <li>language arts (including speech and journalism),</li> <li>science,</li> <li>social studies,</li> <li>mathematics,</li> <li>languages other than English,</li> <li>fine arts, or</li> <li>technology applications.</li> </ul> </li> </ul>	<ul> <li>Three and one-half credits:</li> <li><b>1.</b> Option I: <u>Mathematics, Science, Elective.</u> <ul> <li>A. Mathematics (one credit) must be Precalculus.</li> <li>B. Science (one credit) selected from either:</li> <li>Integrated Physics and Chemistry;</li> <li>Biology, AP Biology, or IB Biology;</li> <li>Environmental Systems, IB Environmental Systems; or AP Environmental Science;</li> <li>Chemistry, AP Chemistry, or IB Chemistry;</li> <li>Aquatic Science;</li> <li>Physics, AP Physics, or IB Physics;</li> <li>Astronomy;</li> <li>Geology, Meteorology, and Oceanography;</li> <li>Scientific Research and Design;</li> <li>Anatomy and Physiology of Human Systems;</li> <li>Medical Microbiology;</li> <li>Pathophysiology; or</li> <li>Principles of Technology I and Principles of Technology II.</li> <li>C. Elective (one and one-half credits).</li> </ul> </li> <li><b>2. Option II:</b> <u>Career and Technology.</u> Three and one-half credits in a coherent sequence of courses for career and technology preparation.</li> <li><b>3. Option III:</b> <u>Academic.</u> Three and one-half credits in state-approved courses in: <ul> <li>language arts,</li> <li>science,</li> <li>social studies,</li> <li>mathematics,</li> <li>languages other than English,</li> <li>fine arts, or</li> <li>technology applications.</li> </ul> </li> </ul>
Total Credits	24	24	24

A Comparison of Graduation Plans for Students Entering Grade 9 in 1994-95, 1995-96, and 1996-97; 1997-98; and 1998-99 and Thereafter Distinguished Achievement Programs

	Freshmen of 1994-95, 1995-96, and 1996-97	Freshmen of 1997-98	Freshmen of 1998-99 and Thereafter
Discipline	Distinguished Achievement Program	Distinguished Achievement	Distinguished Achievement Program
	(24 Credits)*	Program (24 Credits)*	(24 Credits)
English Language Arts and Reading <b>≭</b>	<ul> <li>Four credits:</li> <li>English I, II, III, IV</li> <li>or a passing score on an appropriate end- of-course assessment.</li> </ul>	<ul> <li>Four credits:</li> <li>English I, II, III, and IV.</li> </ul>	<ul> <li>Four credits:</li> <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>
Mathematics *	<ul> <li>Three credits must consist of:</li> <li>Algebra I,</li> <li>Algebra II, and</li> <li>Geometry;</li> <li>or a passing score on an appropriate end- of-course assessment.</li> </ul>	<ul> <li>Three credits must consist of:</li> <li>Algebra I,</li> <li>Algebra II, and</li> <li>Geometry.</li> </ul>	<ul> <li>Three credits must consist of:</li> <li>Algebra I,</li> <li>Algebra II, and</li> <li>Geometry.</li> </ul>
Science <b>*</b>	<ul> <li>Three credits selected from:</li> <li>Physical Science,</li> <li>Biology I and II,</li> <li>Chemistry I and II,</li> <li>Physics I and II,</li> <li>Science III and IV, or</li> <li>a passing score on an appropriate end-of-course assessment.</li> </ul> No more than two credits may be taken from any combination of Physical Science, Science III and IV, and Biology I.	<ul> <li>Three credits selected from:</li> <li>Physical Science,</li> <li>Biology I and II,</li> <li>Chemistry I and II,</li> <li>Physics I and II,</li> <li>Science III and IV.</li> </ul> No more than two credits may be taken from any combination of Physical Science, Science III and IV, and Biology I.	<ul> <li>Three credits selected from four specified areas as indicated below. (No more than one credit can be chosen from each of the four areas.)</li> <li>Integrated Physics and Chemistry;</li> <li>Biology, AP Biology, or IB Biology;</li> <li>Chemistry, AP Chemistry, or IB Chemistry;</li> <li>Physics, Principles of Technology I, AP Physics, or IB Physics.</li> <li>Students are encouraged to take Biology, Chemistry, and Physics.</li> </ul>
Social Studies <b></b> ₩	<ul> <li>Four credits must consist of:</li> <li>U.S. History (1 credit),</li> <li>World History Studies (1 credit),</li> <li>World Geography Studies (1 credit),</li> <li>U.S. Government (1/2 credit),</li> <li>Economics (1/2 credit).</li> </ul>	<ul> <li>Three and one-half credits must consist of:</li> <li>World History Studies (one credit),</li> <li>World Geography Studies (one credit),</li> <li>U.S. History (one credit),</li> <li>U.S. Government (one-half credit).</li> </ul>	<ul> <li>Three and one-half credits must consist of:</li> <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>

A Comparison of Graduation Plans for Students Entering Grade 9 in 1994-95, 1995-96, and 1996-97; 1997-98; and 1998-99 and Thereafter Distinguished Achievement Programs, continued

Discipline Economics with emphasis on	Freshmen of 1994-95, 1995-96, and 1996-97 Distinguished Achievement Program (24 Credits)* Combined with Social Studies requirement.	Freshmen of 1997-98 Distinguished Achievement Program (24 Credits)* One-half credit.	Freshmen of 1998-99 and Thereafter Distinguished Achievement Program (24 Credits) One-half credit.
the free enterprise system and its benefits <b>*</b>			
Physical Education	<ul> <li>One and one-half credits:</li> <li>(Limit of two credits.) Can substitute:</li> <li>drill team,</li> <li>marching band,</li> <li>cheerleading,</li> <li>ROTC,</li> <li>athletics,</li> <li>Dance I-IV,</li> <li>approved private programs, or</li> <li>certain career and technology education courses.</li> </ul>	<ul> <li>One and one-half credits to include</li> <li>Foundations of Personal Fitness (one-half credit). (Limit of two credits.)</li> <li>Can substitute: <ul> <li>drill team,</li> <li>marching band,</li> <li>cheerleading,</li> <li>ROTC,</li> <li>athletics,</li> <li>Dance I-IV,</li> <li>approved private programs, or</li> <li>certain career and technology education courses.</li> </ul> </li> </ul>	<ul> <li>One and one-half credits to include Foundations of Personal Fitness (one-half credit). (Limit of two credits.) Can substitute:</li> <li>drill team,</li> <li>marching band,</li> <li>cheerleading,</li> <li>ROTC,</li> <li>athletics,</li> <li>Dance I-IV,</li> <li>approved private programs, or</li> <li>certain career and technology education courses.</li> </ul>
Health Education	<b>One-half credit</b> or a passing score on an appropriate end-of-course exam.	One-half credit.	<b>One-half credit</b> or Health Science Technology (one credit).
Languages Other Than English <b>米</b>	Three credits in the same language or a passing score on a second language proficiency assessment.	Three credits in the same language.	Three credits must consist of Level I, Level II, and Level III in the same language.
Fine Arts <b>≭</b>	One credit in fine arts or a passing score on an appropriate end-of-course assessment. (Speech may not substitute.)	One credit. (Speech may not substitute.)	One credit. (Speech may not substitute.)

Students who entered grade 9 in prior years may complete graduation programs approved in subsequent years and may earn the appropriate seals on their transcripts. \*19 TAC Chapter 75 (relating to Essential Elements, Grades 9-12) has been repealed. Students must select courses available in 19 TAC Chapters 110-128. \*College Board advanced placement and International Baccalaureate courses may be substituted for requirements in appropriate areas.

#### **Texas State Graduation Requirements**

# A Comparison of Graduation Plans for Students Entering Grade 9 in 1994-95, 1995-96, and 1996-97; 1997-98; and 1998-99 and Thereafter Distinguished Achievement Programs, continued

Discipline Speech	Freshmen of 1994-95, 1995-96, and 1996-97 Distinguished Achievement Program (24 Credits)* None.	Freshmen of 1997-98 Distinguished Achievement Program (24 Credits)* One-half credit selected from either: • Communication Applications, • Introduction to Speech Communication, • Public Speaking, • Debate, or • Oral Interpretation.	Freshmen of 1998-99 and Thereafter Distinguished Achievement Program (24 Credits) One-half credit selected from either: • Communication Applications, • Speech Communication, • Public Speaking, • Debate, or • Oral Interpretation.
Technology Applications*	<ul> <li>One credit selected from either:</li> <li>Computer Science I or II,</li> <li>Business Computer Applications I or II,</li> <li>Business Computer Programming I or II,</li> <li>Computer Applications,</li> <li>Microcomputer Applications,</li> <li>Business Information Processing,</li> <li>Computer Mathematics, or</li> <li>Industrial Technology Computer Applications.</li> </ul>	<ul> <li>One credit selected from either: <u>Essential Elements Courses</u> <ul> <li>Computer Science I or II,</li> <li>Business Computer Applications I or II,</li> <li>Business Computer Programming I or II,</li> <li>Computer Applications,</li> <li>Microcomputer Applications,</li> <li>Business Information Processing,</li> <li>Computer Mathematics, or</li> <li>Industrial Technology Computer Applications.</li> </ul> </li> <li>Or TEKS Courses <ul> <li>Computer Science I or II,</li> <li>Desktop Publishing,</li> <li>Digital Graphics/Animation,</li> <li>Multimedia,</li> <li>Video Technology,</li> <li>Web Mastering,</li> <li>Independent Study in Technology Applications,</li> <li>Business Image Management and Multimedia,</li> <li>Telecommunications and Networking,</li> <li>Business Computer Programming,</li> <li>Computer Applications,</li> <li>Technology Systems (computer lab-based),</li> <li>Computer Multimedia and Animation Technology.</li> </ul> </li> </ul>	<ul> <li>One credit selected from either:</li> <li>Computer Science I or II,</li> <li>Desktop Publishing,</li> <li>Digital Graphics/Animation,</li> <li>Multimedia,</li> <li>Video Technology,</li> <li>Web Mastering,</li> <li>Independent Study in Technology Applications,</li> <li>Business Image Management. and Multimedia,</li> <li>Telecommunications and Networking,</li> <li>Business Computer Information Systems I or II,</li> <li>Business Computer Programming,</li> <li>Computer Applications,</li> <li>Technology Systems (computer lab-based),</li> <li>Communications Graphics (computer lab-based), or</li> <li>Computer Multimedia and Animation Technology.</li> </ul>

Students who entered grade 9 in prior years may complete graduation programs approved in subsequent years and may earn the appropriate seals on their transcripts. \*19 TAC Chapter 75 (relating to Essential Elements, Grades 9-12) has been repealed. Students must select courses available in 19 TAC Chapters 110-128. \*College Board advanced placement and International Baccalaureate courses may be substituted for requirements in appropriate areas.

## **Texas State Graduation Requirements**

# A Comparison of Graduation Plans for Students Entering Grade 9 in 1994-95, 1995-96, and 1996-97; 1997-98; and 1998-99 and Thereafter Distinguished Achievement Programs, continued

Discipline	Freshmen of 1994-95, 1995-96, and 1996-97 Distinguished Achievement Program (24 Credits)*	Freshmen of 1997-98 Distinguished Achievement Program (24 Credits)*	Freshmen of 1998-99 and Thereafter Distinguished Achievement Program (24 Credits)
Additional	Three credits:	Two and one-half credits:	Two and one-half credits:
Components <b>*</b>	<ol> <li>Option I: <u>Mathematics, Science, Elective.</u> <ul> <li>B. Mathematics (one credit). The credit must consist of:                 <ul> <li>Precalculus (one credit); or</li> <li>Trigonometry (one-half credit); and either Elementary Analysis (one-half credit) or Analytic Geometry (one-half credit).</li></ul></li></ul></li></ol>	<ol> <li>Option I: <u>Mathematics, Science,</u> <u>Elective</u> <ul> <li>A. Mathematics (one credit). The credit must consist of:                 <ul> <li>Precalculus (one credit); or</li> <li>Trigonometry (one-half credit); and either Elementary Analysis (one-half credit) or Analytic Geometry (one-half credit).</li></ul></li></ul></li></ol>	<ol> <li>Option I: <u>Mathematics, Science, Elective.</u> <ul> <li>Mathematics (one credit) must be Precalculus.</li> <li>Science (one credit) must be selected from either:                 <ul></ul></li></ul></li></ol>

Students who entered grade 9 in prior years may complete graduation programs approved in subsequent years and may earn the appropriate seals on their transcripts. \*19 TAC Chapter 75 (relating to Essential Elements, Grades 9-12) has been repealed. Students must select courses available in 19 TAC Chapters 110-128. \*College Board advanced placement and International Baccalaureate courses may be substituted for requirements in appropriate areas.

# **Texas State Graduation Requirements**

# A Comparison of Graduation Plans for Students Entering Grade 9 in 1994-95, 1995-96, and 1996-97; 1997-98; and 1998-99 and Thereafter Distinguished Achievement Programs, continued

Discipline	Freshmen of 1994-95, 1995-96, and 1996-97 Distinguished Achievement Program (24 Credits)*	Freshmen of 1997-98 Distinguished Achievement Program (24 Credits)*	Freshmen of 1998-99 and Thereafter Distinguished Achievement Program (24 Credits)
Advanced Measures	<ul> <li>Standards for Approval of Requirements:         <ul> <li>The measures must focus on demonstrated student performance at the college or professional level.</li> <li>Student performance on advanced measures must be assessed through an external review process.</li> </ul> </li> <li>Requirements:         <ul> <li>A student must achieve any combination of four of the following:</li> <li><u>Original research/project:</u> <ul> <li>judged by a panel of professionals in the field that is the focus of the project; or</li> <li>conducted under the direction of mentor(s) and reported to an appropriate audience; and</li> <li>related to the required curriculum set forth in 19 TAC §74.1 (relating to Essential Knowledge and Skills).</li> </ul> </li> <li>Test data:         <ul> <li>a score of three or above on The College Board Advanced Placement examination;</li></ul></li></ul></li></ul>		<ul> <li>Standards for Approval of Requirements:</li> <li>The measures must focus on demonstrated student performance at the college or professional level.</li> <li>Student performance on advanced measures must be assessed through an external review process.</li> <li>Requirements:</li> <li>A student must achieve any combination of four of the following:</li> <li>Original research/project: <ul> <li>judged by a panel of professionals in the field that is the focus of the project; or</li> <li>conducted under the direction of mentor(s) and reported to an appropriate audience; or</li> <li>related to the required curriculum set forth in 19 TAC §74.1 (relating to Essential Knowledge and Skills);</li> <li>may not be used for more than two of the four advanced measures.</li> </ul> </li> <li>Test data: <ul> <li>a score of three or above on The College Board Advanced Placement examination;</li> <li>a score of four or above on an International Baccalaureate examination;</li> <li>a score on the Preliminary Scholastic Assessment Test (PSAT) that qualifies a student for recognition as a Commended Scholar or higher by the National Merit Scholarship Corporation; as part of the National Merit Scholarship Corporation; as part of the National Merit Scholarship Corporation. The PSAT score may count as only one advanced measure regardless of the number of honors received by the student.</li> </ul> </li> </ul>
Total Credits	24	24	24