

Charting your Course



SEGUIN HIGH SCHOOL
COURSE CATALOG
2019-2020



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Seguin ISD Vision Statement
Exceptional Students to Exceptional Citizens

Seguin ISD Mission Statement
To cultivate, inspire and empower students to grow and learn.

Seguin Independent School District

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It is the policy of Seguin ISD not to discriminate on the basis of sex, handicap, race, color, or national origin in its educational programs, services and activities and in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, as amended, and the Age Discrimination Act of 1975, as amended.

HIGH SCHOOL PLAN

Students must carefully plan their course selections. Students will receive specific instructions and assistance from school counselors during the scheduling process. However, it is important that students and parents give careful consideration to selecting appropriate courses.

Below are steps to consider during the course selection process:

Review the Course Catalog

- Look over course descriptions and consider any prerequisites for courses of interest
- Select courses related to your future academic and career goals
- Students are required to enroll in the core area courses required for graduation, which include English Language Arts and Reading, Mathematics, Science and Social Studies.

Orientation of Courses

- Attend student and parent presentations on course offerings
- Review the 2019-2020 course selection sheet

Parent/Guardian Approval

- A parent or guardian must sign the bottom of the course selection sheet
- Students will return the sheet to their school counselor, once complete

Online Course Selection

- During a designated class period, students will use an online system to input their course selections, with assistance from the Seguin High School counseling staff.

Please note the following:

- If there is insufficient enrollment for a course, the course may not be offered and one of the alternates listed on the student's 2019-2020 course selection sheet will be used.
- Elective courses are scheduled based on teachers and sections available for the current school year.
- Electives may be replaced with EOC Intervention courses if a student demonstrates a need for targeted improvement.

Information in this catalog is subject to changes by action of the Board of Trustees of the Seguin Independent School District or the Texas Education Agency. Seguin High School reserves the right to add courses not described herein and to delete courses if minimum enrollment criteria are not met.

Schedule Changes

Should a schedule change become necessary, a student must submit a request in writing, including the reasons for needing the change and a parent's signature. Each request will be reviewed by the counselor and may require approval by campus administration. Please note that not all schedule changes may be granted, depending on course offerings, teacher availability, and prerequisites, among other considerations.

HIGH SCHOOL PLAN

The **Foundation High School Program** includes the following four parts:

- A 22-credit foundation program which is the core of the new Texas high school diploma
- Five endorsement options that allow students to focus on a related series of courses
- A higher performance category, Distinguished Level of Achievement, which is Seguin ISD’s default plan

Foundation High School Program with Distinguished Level of Achievement <i>Credit requirements specific to at least one endorsement</i>	
4 credits English ELA I, II, III, IV	2 credits Languages Other Than English
4 credits Mathematics Algebra I, Geometry, Algebra II, any authorized additional math course	1 credit Fine Arts
4 credits Science Biology; one credit in IPC, Chemistry or Physics; two credits in any additional science courses	1 credit Physical Education or PE Substitution
3 credits Social Studies World Geography, US History, Government (.5 credit) , Economics (.5 credit) <i>Seguin ISD recommends World History for all students</i>	7 credits in electives
Total: 26 credits	

***Distinguished Level of Achievement* = Foundation + Endorsement + Algebra II**

A student must earn *Distinguished Achievement* to be considered in the “Top 10%” of the class and qualify for automatic college admission. This is Seguin ISD’s default graduation plan.

Note: Students may move to the Foundation Graduation Plan only after completing their sophomore year AND with parent or guardian written permission.

Endorsements

Students will be able to earn one or more endorsements as part of their graduation requirements. Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area. Students can earn an endorsement by completing the curriculum requirements for the endorsement, including a 4th credit of math and science and two additional elective credits.

Students can choose from 5 endorsement areas:

STEM	Business/ Industry	Public Service	Arts & Humanities	Multidisciplinary Studies
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Performance Acknowledgements

Students may earn a Performance Acknowledgement on their transcript for outstanding performance on the following:

- Dual Credit Coursework
- Bilingualism and Biliteracy
- Advanced Placement (College Board) or International Baccalaureate Exams
- PSAT, SAT, ACT-Aspire, or ACT
- State-recognized, nationally, or internationally recognized business or industry certification and/or license

For more information on state graduation requirements, including endorsements, see the TEA Graduation Toolkit, available in English and Spanish, at this [link](#).

HIGH SCHOOL PLAN

A high school student's four-year plan for grades 9-12 is as follows:

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 1*	English 2*	English 3**(DC)	English 4** (DC)
Algebra 1 <i>or</i> Geometry*	Geometry* <i>or</i> Algebra 2**	Algebra 2** <i>or</i> Approved Additional Math Course	Approved Additional Math Course
Biology*	IPC <i>or</i> Chemistry*	Chemistry* <i>or</i> Physics*	Approved Additional Science Course
World Geography*/**	World History**	US History**(DC)	Government**(DC)/ Economics**(DC)
Physical Education/ P.E. Substitution	Languages Other than English <i>or</i> Elective	Languages Other than English <i>or</i> Elective	Elective
CTE Elective <i>or</i> Fine Arts <i>or</i> Languages Other than English <i>and/or</i> AVID	Fine Arts <i>or</i> Elective	Elective	Endorsement Elective
CTE Elective <i>or</i> Fine Arts <i>or</i> Languages Other than English <i>and/or</i> AVID	Endorsement Elective <i>and/or</i> AVID	Endorsement Elective <i>and/or</i> AVID	Endorsement Elective <i>and/or</i> AVID
<i>Course Availability: *= PreAP/**= Advanced Placement (AP)/(DC)=Dual Credit</i>			
<i>+ = Required for Distinguished Level of Achievement</i>			

Endorsement/Career and Technical Education (CTE) Program Elective Options				
Science, Technology, Engineering, and Mathematics (STEM)	Business and Industry	Public Service	Arts and Humanities	Multidisciplinary Studies
<ul style="list-style-type: none"> • STEM 	<ul style="list-style-type: none"> • Agriculture • Trades • Bus. Management and Administration^{\$} • Technology^{\$\$} • Manufacturing^{\$\$} 	<ul style="list-style-type: none"> • Public Service • Health Sciences^{\$\$} 	<ul style="list-style-type: none"> • Fine Arts • World Languages 	<ul style="list-style-type: none"> • General Studies • Early College: Associates Degree

^{\$} = Industry Certification or License Available

[#] This program is limited due to specialized course offerings.

HIGH SCHOOL PLAN

State Assessments

In spring 2012, the State of Texas Assessments of Academic Readiness (STAAR®) replaced the Texas Assessment of Knowledge and Skills (TAKS). In order to graduate from a Texas public high school, students must pass the end-of-course (EOC) assessment for the five subjects listed below:

Algebra 1	Biology	English 1	English 2	US History
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If a student passes the course but does not pass the end-of-course (EOC) assessment, the student may take the test again.

For more information on the STAAR state assessment program, visit the Texas Education Agency website at <https://tea.texas.gov/student.assessment/parents/>.

Post-Secondary Readiness Tests

Students may take the following additional post-secondary readiness tests. Test names are linked to each testing agency's website for more information.

[Advanced Placement \(AP\) Exams](#)

- College Board AP Exams are given once in May for specific AP courses and students register in their AP classes.

[Texas Success Initiative Assessment \(TSI\)](#)

- This assessment is required for some dual credit courses.
- There is no charge to students, all costs incurred by Seguin ISD
- Students should sign up with their counselors in November

[American College Test \(ACT\)](#)

- The ACT is typically taken by Juniors and Seniors.
- Registration is required about four weeks in advance of each test date; register by mail or on-line
- Information is available in the counseling office.

[Scholastic Aptitude Test \(SAT\)](#)

- The SAT is typically taken by Juniors and Seniors.
- Registration is required about four weeks in advance of each test date; register by mail or on-line
- Information is available in the counseling office.

[PSAT/National Merit Scholarship Qualifying Test \(NMSQT\)](#)

- Freshmen, sophomores, and juniors are eligible to take this test, which is offered in October. Only third-year students are eligible for National Merit Scholarship consideration.
- There is no charge to student, all costs incurred by Seguin ISD.
- Students should sign up with their counselors in September.

[Armed Services Vocational Aptitude Battery \(ASVAB\)](#)

- This assessment is given in grades 10-12. All students are eligible to take this test, which is usually offered during the fall semester.
- This exam is offered free of charge, each semester. Students should sign up with their counselors.

HIGH SCHOOL PLAN

Endorsement/Career and Technical Education (CTE) Program Elective Options

The chart below shows the graduation endorsements available at Seguin High School. Students can complete course sequences through various CTE programs or content areas, such as Fine Arts and Languages Other Than English. Additionally, this chart identifies CTE sequences that can lead to a certification.

Endorsement	Program	Sequence	Certification(s)
Science, Technology, Engineering, and Mathematics (STEM)	STEM	Robotics	Certified SolidWorks Associate
		Theoretical Computer Science	
		Computer Science AP	
		Mathematics Studies	
		Environmental Studies (Science)	
Business and Industry	Agriculture	Agricultural Mechanics	AWS SMAW D1.1 Structural Steel (American Welding Society) AWS SENSE
		Animal Science	
		Veterinary Technology	Texas Veterinary Medical Association (TVMA) Certified Veterinarian Assistant (CVA), Level 1
	Trades	Construction Technology	NCCER OSHA
	Manufacturing	Advanced Technology and Manufacturing Academy (ATMA)	34 College Credit Hours (Associate's) Level 1 Certification of Completion Manufacturing Skills Trade Helper Tool Operator/Maintenance Assistant
		Welding Technology	AWS SMAW D1.1 Structural Steel (American Welding Society) AWS SENSE
	Business Management & Administration	Business Management	
		Business Finance	
		Medical Billing and Coding	Medical Coding and Billing Specialist
	Technology	Information Technology and Security Academy (ITSA)	30 College Credit Hours (Associate's) Level 1 Certificate of Completion Computer Security Specialist Information Technology and Security
		Animation	Autodesk Maya Certified User Adobe Certified Associate – Illustrator, Flash, and Photoshop
		MatCast Media Production	ACA Adobe Certified Associate – InDesign, Illustrator, Premiere Pro, and Photoshop
		Yearbook	
		Newspaper	
		Practical Coding and Game Design	

HIGH SCHOOL PLAN

Endorsement	Program	Sequence	Certification(s)
Business and Industry	Technology (Continued)	Graphic Design	ACA Adobe Certified Associate – InDesign, Illustrator, Premiere Pro, and Photoshop
		Film Production	ACA Adobe Certified Associate – Premiere Pro
Public Service	Public Service	Education and Training	
		Cosmetology	Texas Cosmetology Operator License
		Law Enforcement	
		JROTC Naval Science	
	Health Sciences	Health Care Basics	Certified Nursing Associate
		Pharmacy Technology	Certified Pharmacy Technician
Arts and Humanities	Fine Arts	Instrumental Music: Band	
		Instrumental Music: Mariachi	
		Vocal Music: Choir	
		Dance	
		Theatre Performance	
		Technical Theatre	
		Visual Arts	
	World Languages	Spanish	
		French	
Multi-Disciplinary Studies	General Studies	4x4 Core Curriculum Advanced Placement (AP) Dual Credit	
	Early College: Associates Degree		

HIGH SCHOOL PLAN

The charts below show the four-year sequence of courses for each endorsement available at Seguin High School. **Students MUST complete the sequence of courses listed in order to earn the endorsement.** Course descriptions for all courses listed below can be found on the Seguin ISD website.

Additional information about high school course planning and four-year course sequences can be found online through Xello. Please contact your student's counselors for more information about Xello.

STEM ENDORSEMENT		STEM PROGRAM		
SEQUENCE	9 th	10 th	11 th	12 th
<input type="checkbox"/> Robotics	Principles of Applied Engineering	Engineering Design and Presentation	Robotics 1	Robotics 2
<input type="checkbox"/> Theoretical Computer Science	Computer Science I	Computer Science II	Game Programming and Design	Computer Science III
<input type="checkbox"/> Computer Science AP	AP Computer Science Principles	AP Computer Science A	Computer Science III	Mobile Application Development
<input type="checkbox"/> Mathematics Studies	Must complete five Math courses. <u>Required courses:</u> Algebra I, Geometry, Algebra II <u>Two of the following courses:</u> Precalculus, Pre-AP Precalculus AQR, AP Calculus, Independent Studies in Math Dual Credit, AP Statistics.			
<input type="checkbox"/> Environmental Studies	Biology	Chemistry	Physics	AP Environmental Science AND AP Chemistry or AP/DC Biology or Earth and Space Science
<input type="checkbox"/> Pre-Medical Studies	Biology	Chemistry	Physics	Two of the following: AP Chemistry or AP/DC Biology or Anatomy and Physiology or Anatomy and Physiology DC

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Business and Industry Endorsement		Agriculture Program		
SEQUENCE	9 th	10 th	11 th	12 th
<input type="checkbox"/> Agricultural Mechanics	Principles of Agriculture, Food, and Natural Resources	Agricultural Mechanics and Metal Technologies	Agricultural Structures Design and Fabrication	Practicum in Agriculture, Food, and Natural Resources (2 periods) OR Career Prep
<input type="checkbox"/> Animal Science	Principles of Agriculture, Food, and Natural Resources	Small Animal Management AND Equine Science	Livestock Production AND Wildlife Fisheries and Ecology (2 periods)	Advanced Animal Science
<input type="checkbox"/> Veterinary Technology	Principles of Agriculture, Food, and Natural Resources	Small Animal Management/ Equine Science AND Livestock Production (2 periods)	Advanced Animal Science	Veterinary Medical Applications

Business and Industry Endorsement		Trades Program		
SEQUENCE	9 th	10 th	11 th	12 th
<input type="checkbox"/> Construction Technology	Principles of Manufacturing	Construction Technology 1 (2 periods)	Construction Technology 2 (2 periods)	Practicum in Construction Technology (2 periods)

Business and Industry Endorsement		Manufacturing Program		
SEQUENCE	9 th	10 th	11 th	12 th
<input type="checkbox"/> Welding Technology	Principles of Manufacturing	Welding 1 (2 periods)	Welding 2 (2 periods)	Practicum in Manufacturing (2 periods)
<input type="checkbox"/> Advanced Technology and Manufacturing Academy (ATMA)	Principles of Manufacturing	Welding 1 (2 periods)	ATMA Year 1 (2 periods)	ATMA Year 2 (2 periods)

HIGH SCHOOL PLAN

Business and Industry Endorsement		Business Management and Administration Program			
SEQUENCE	9 th	10 th	11 th	12 th	
<input type="checkbox"/> Business Management	Business Information Management 1	Human Resource Management AND Virtual Business	Business Management	Practicum in Business Management (2 periods) OR Career Prep	
<input type="checkbox"/> Business Finance	Business Information Management 1	Money Matters	Accounting 1	Accounting 2 OR Career Prep	
<input type="checkbox"/> Medical Billing and Coding	Business Information Management 1	Principles of Health Science	Medical Terminology	Practicum in Business Management: Health Informatics (2 periods)	

Business and Industry Endorsement		Technology Program			
SEQUENCE	9 th	10 th	11 th	12 th	
<input type="checkbox"/> Information Technology and Security Academy (ITSA)	Computer Programming 1	Computer Programming 2	ITSA Year 1 (2 periods)	ITSA Year 2 (2 periods)	
<input type="checkbox"/> Animation	Principles of Arts, A/V & Technology	Digital Media	Animation 1 (1 period)	Animation 2 with Lab (2 periods)	
<input type="checkbox"/> MatCast Media Production	Principles of Arts, A/V & Technology	MatCast 1	MatCast 2	MatCast 3 Practicum	
<input type="checkbox"/> Yearbook	Principles of Arts, A/V & Technology	Yearbook 1	Yearbook 2	Yearbook 3	
<input type="checkbox"/> Newspaper	Principles of Arts, A/V & Technology	Advanced Journalism: Newspaper 1	Advanced Journalism: Newspaper 2	Advanced Journalism: Newspaper 3	
<input type="checkbox"/> Practical Coding and Game Design	Computer Programming 1	Computer Programming 2 OR Animation 1	Game Programming and Design	Practicum in Information Technology (2 periods)	
<input type="checkbox"/> Graphic Design	Principles of Arts, A/V & Technology	Graphic Design 1	Graphic Design 2	Practicum in Graphic Design (2 periods)	
<input type="checkbox"/> Film Production	Principles of Media (AV)	AV Production 1	AV Production 2	Practicum in A/V Production (2 periods)	

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Public Service Endorsement		Public Service Program			
SEQUENCE	9 th	10 th	11 th	12 th	
<input type="checkbox"/> Education and Training	Business Information Management 1	Human Growth and Development	Instructional Practices in Education and Training (2 periods)	Practicum in Education and Training (2 periods)	
<input type="checkbox"/> Cosmetology	Business Information Management 1	Principles of Cosmetology Design and Color Theory	Cosmetology 1 (2 periods)	Cosmetology 2 (3 periods)	
<input type="checkbox"/> Law Enforcement	Principles of Law, Public Safety, Corrections and Security	Criminal Investigations	Law Enforcement 1 AND Forensic Science (2 periods)	Law Enforcement 2	
<input type="checkbox"/> JROTC Naval Science	Naval Science 1	Naval Science 2	Naval Science 3	Naval Science 4	

Public Service Endorsement		Health Science Program			
SEQUENCE	9 th	10 th	11 th	12 th	
<input type="checkbox"/> Health Care Therapeutic	Principles of Health Science	Medical Terminology	Health Science Theory	Practicum in Health Science: CNA (2 periods)	
<input type="checkbox"/> Pharmacy Technology	Principles of Health Science	Medical Terminology	Pharmacology	Practicum in Health Science: Pharmacy Tech (2 periods)	

Multi-Disciplinary Endorsement					
SEQUENCE	9 th	10 th	11 th	12 th	
<input type="checkbox"/> General Studies	Students can qualify for a Multi-Disciplinary Studies Endorsement by taking four courses in each Core area, and completing all other Endorsement requirements.				
<input type="checkbox"/> Early College: Associates Degree	Speech DC or Music Theory DC	MAPS DC or Art Appreciation DC	Core DC and Elective DC	Final Core DC and Elective DC	

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Arts and Humanities Endorsement		Fine Arts Program			
SEQUENCE	9 th	10 th	11 th	12 th	
<input type="checkbox"/> Instrumental Music: Band	Percussion 1 Symphonic Band 1 Wind Symphony 1 Wind Ensemble 1 Instrumental Ens. 1 Concert Band 1	Percussion 2 Symphonic Band 2 Wind Symphony 2 Wind Ensemble 2 Instrumental Ens. 2 Concert Band 2	Percussion 3 Symphonic Band 3 Wind Symphony 3 Wind Ensemble 3 Instrumental Ens. 3 Concert Band 3	Percussion 4 Symphonic Band 4 Wind Symphony 4 Wind Ensemble 4 Instrumental Ens. 4 Concert Band 4	
<input type="checkbox"/> Instrumental Music: Mariachi	Mariachi Band 1	Mariachi Band 2	Mariachi Band 3	Mariachi Band 4	
<input type="checkbox"/> Vocal Music: Choir	Matador Choir 1 Non-Varsity Choir 1 Women's Choir 1	Matador Choir 2 Non-Varsity Choir 2 Women's Choir 2	Matador Choir 3 Non-Varsity Choir 3 Women's Choir 3	Matador Choir 4 Non-Varsity Choir 4 Women's Choir 4	
<input type="checkbox"/> Dance	Dance Team Training <i>OR</i> Dance Team 1 Color Guard 1	Dance Team 2 Color Guard 2	Dance Team 3 Color Guard 3	Dance Team 4 Color Guard 4	
<input type="checkbox"/> Theatre Performance	Theatre Arts 1	Adv. Theatre Arts 2 Th. Production 1 Musical Theatre 1	Adv. Theatre Arts 3 Th. Production 2 Musical Theatre 2	Adv. Theatre Arts 4 Th. Production 3 Musical Theatre 3	
<input type="checkbox"/> Technical Theatre	Theatre Arts 1	Technical Theatre 1	Technical Theatre 2	Technical Theatre 3	
<input type="checkbox"/> Visual Arts	Art 1	Art 2 Drawing Art 2 Sculpture	Art 3 Drawing Art 3 Sculpture	Art 4 Drawing Art 4 Sculpture AP Studio Art	

Arts and Humanities Endorsement		World Languages Program			
SEQUENCE	9 th	10 th	11 th	12 th	
<input type="checkbox"/> Spanish	Spanish I	Spanish II	Spanish III	Spanish IV OR Spanish Language IV AP	
<input type="checkbox"/> French	French I	French II	French III	French IV	

HIGH SCHOOL PLAN

Early College High School (ECHS)

In January 2014, the Seguin Independent School District and Alamo Colleges – St. Philip’s College jointly established the Seguin Early College High School (ECHS). The Seguin ECHS has a primary goal of affording students from underrepresented backgrounds the opportunity to earn an Associate’s degree or 60+ college credit hours at no cost to the students or their families. As a TEA (Texas Education Agency) designated Early College High School, we are asked to recruit students of underrepresented backgrounds in an effort to increase opportunities for post-secondary success; however, we encourage students of all backgrounds to apply.



- Students interested in the Associate Degree pathway must begin this plan freshman year.
- Seguin ISD provides an ECHS Summer Bridge Program that is open to all students, **but is required for Associate Degree students.**

For more information, see the school counselor or visit the Seguin Early College High School [website](#).

Advancement Via Individual Determination (AVID)

Beginning in grade 9, all Associate Degree Pathway students are enrolled in AVID classes at Seguin Early College High School. AVID is also available as an elective class for students in grades 7 and 8.

AVID is a global nonprofit organization dedicated to closing the achievement gap by preparing all students for college and other postsecondary opportunities.

The mission of the AVID program is to ensure that all students, especially those in the middle who are capable of completing a college-preparatory path, have a chance to succeed and to increase enrollment of these students in four-year colleges and universities.

The three main components of the AVID program are:

Academic Instruction (AVID curriculum)

- Students will receive two hours of instruction per week in college entry-level skills.

Tutorial Support

- Students will receive two hours of instruction per week in tutor-led study groups.

Motivational Activities

- Students will receive one hour of instruction per week in motivational activities and academic survival skills.



HIGH SCHOOL PLAN

Dual Credit Courses

Seguin High School offers students the opportunity to enroll in college-level courses through academic and technical dual credit programs in which students earn college-level credit while at the same time fulfilling high school academic requirements. Seguin High School has dual credit courses available through St. Philip's College, the Alamo Colleges Central Texas Technology Center (CTTC), and Texas Lutheran University (TLU). Some of these courses are offered on the Seguin High School campus, while some are offered at the college campus.

Dual Credit courses will be offered by Seguin High School if enough students sign up to make a class. Neither Seguin High School nor participating colleges are obligated to form a class without the required minimum number of students. **Students must meet enrollment requirements for the participating college in order to sign up for the class.** If the student fails a dual credit or dual participation course required for high school graduation, the student cannot use the course to meet his/her graduation requirement.

Students interested in taking a dual credit course(s) over the summer must complete and submit the SHS Course Request Approval form to Mrs. Garza, Director of ECHS, by March 1st. Forms are available from the student's counselor and/or Mrs. Garza.

Texas Lutheran University (TLU)

The TLU Dual Participation program provides an opportunity for some seniors to attend TLU to earn college-level credit. Any senior wishing to participate in the program must meet the following criteria:

- Ranked in the top 10% of the class
- Have an SAT of 1180 (Critical Reading and Math only)
- ACT Composite Score of 25

Participation is limited to the courses outlined in the TLU Dual Participation/SHS Course Crosswalk as these courses have been aligned to equivalent courses for state credit. Please note that some courses, such as English IV, require students to attend both semesters of the college course to earn the full credit for the high school equivalent course. If the student fails a dual participation course required for high school graduation, the student cannot use the course to meet his/her graduation requirement.

As part of the Dual Participation Program, students may enroll in one college course per semester. Any additional courses will require counselor and administrator approval. Parents and/or students are responsible for additional tuition and fees.

HIGH SCHOOL PLAN

Dual Credit Course Offerings

The chart below provides a list of dual credit offerings through St. Philip's College and the Central Texas Technology Center and the alignment between high school and college courses. It also contains the required Texas Success Initiative (TSI) Assessment scores required to enroll in the course.

Below are the passing standards for each TSI subject area:

- Reading College Ready Score = 351
- Writing College Ready Score = A score on Writing multiple choice placement test of 340 to 390 **AND** a WritePlacer essay score of 4 to 8
- Math College Ready Score = 350

SHS Course and Code	High School Credit	College Course	College Credit Hours	Required TSI Reading Score	Required TSI Writing and/or Essay Score	Required TSI Math Score
Art I: Art Appreciation (0513) Grades 10-12	0.5	ART 1301: Art Appreciation	3	310 – 339 with/ABE3-4	310 – 339 with/ABE3-4	No Minimum Score Required
MAPS I Methodology of Academic & Personal Success (4121) Grades 10-12	0.5	EDUC 1300: Learning Framework	3	310 – 339 with/ABE3-4	310 – 339 with/ABE3-4	No Minimum Score Required
Independent Study in Math 1 (YR): College Algebra (2068) Grades 11-12	1.0	MATH 1314: College Algebra	3	351	340 w/Essay 4 or Essay 5 or higher	350
Independent Study in Math 1 or 2 (YR): College Algebra Precalculus (2070/2071) Grades 11-12	1.0	MATH 1414 & MATH 2412: College Algebra	8	351	340 w/Essay 4 or Essay 5 or higher	350
Scientific Research and Design: Biology (3144) Grades 11-12	1.0	BIOL 1406 & 1407: Biology for Science Majors I & II	8	351	340 w/Essay 4 or Essay 5 or higher	343
Anatomy & Physiology (YR) (3031) Grade 12	1.0	BIOL 2401 & 2402: Human Anatomy & Physiology I & II	8	351	340 w/Essay 4 or Essay 5 or higher	343

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SHS Course and Code	High School Credit	College Course	College Credit Hours	Required TSI Reading Score	Required TSI Writing and/or Essay Score	Required TSI Math Score
Psychology (4128) Grades 11-12	0.5	PSYC 2301: General Psychology	3	351	340 w/Essay 4 or Essay 5 or higher	No Minimum Score Required
Special Topics in Social Studies: Social Psychology (4086) Grades 11-12	0.5	PSYC 2319: Social Psychology	3	351	340 w/Essay 4 or Essay 5 or higher	No Minimum Score Required
Music Theory (7319) Grades 9-12	1.0	MUSI 1306: Music Theory	3	No minimum score required, but must take all 3 parts	No minimum score required, but must take all 3 parts	No minimum score required, but must take all 3 parts
English 3 (1080) Grade 11	1.0	ENGL 1301 & 1302: Composition I & II	6	351	340 w/Essay 4 or Essay 5 or higher	No Minimum Score Required
English 4 (1199) Grade 12	1.0	ENGL 2322 & 2323: British Lit. I & II	6	351	340 w/Essay 4 or Essay 5 or higher	No Minimum Score Required
US Government (4198) Grade 12	0.5	GOVT 2305: Federal Government	3	351	340 w/Essay 4 or Essay 5 or higher	No Minimum Score Required
Social Studies Research Methods: Texas Government (4081) Grade 12	0.5	GOVT 2306: Texas Government	3	351	340 w/Essay 4 or Essay 5 or higher	No Minimum Score Required
Economics with Emphasis on the Free Enterprise System and its Benefits (4199) Grade 12	0.5	ECON 2301: Principles of Macroeconomics	3	351	340 w/Essay 4 or Essay 5 or higher	343
US History (4190) Grade 11	1	HIST 1301 & 1302: US History I & II	6	351	340 w/Essay 4 or Essay 5 or higher	No Minimum Score Required
Special Topics in Social Studies: Western Civilization (4085) Grade 12	1	HIST 2311 & 2312: Western Civilization I & II	6	351	340 w/Essay 4 or Essay 5 or higher	No Minimum Score Required

HIGH SCHOOL PLAN

SHS Course and Code	High School Credit	College Course	College Credit Hours	Required TSI Reading Score	Required TSI Writing and/or Essay Score	Required TSI Math Score
Communication Applications (1910) Grades 9-12	0.5	SPCH 1311: Intro to Speech Communication	3	310 – 339 with/ABE3-4	310 – 339 with/ABE3-4	No Minimum Score Required
Spanish III (1577) Grades: 10-12	1.0	SPAN 1411 & 1412: Elementary Spanish I & II	8	No minimum score required, but must take all 3 parts	No minimum score required, but must take all 3 parts	No minimum score required, but must take all 3 parts
ATMA, Year 1 (81361 A/B) Precision Metal Manufacturing I (2.0 credit) Manufacturing Engineering Tech I (1.0 credits)	3.0	MCHN 1302 MCHN 1320 MCHN 1438 TECM 1303 MCHN 1270	15	TBD	TBD	TBD
ATMA, Year 2 (81362 A/B) Advanced Precision Metal Manufacturing II (2.0 credits) Manufacturing Engineering Tech II (1.0 credit)	3.0	ELPT 1319 ENTC 1305 MCHN 1426 INMT 2303 QCTC 1243	15	TBD	TBD	TBD
ITSA, Year 1 (81166 A/B) Computer Technician Practicum (2.0 credits) Networking (1.0 credit)	3.0	ITSC 1305 ITNW 1425 ITNW 1392 ITSC 1425 ITSC 2439 ITSC 2364	18	TBD	TBD	TBD
ITSA, Year 2 (81167 A/B1/B2) Computer Programming II (1.0 credit) Principles of Cybersecurity (1.0 credit) Web Technologies (1.0 credit)	3.0	ITSE 1329 ITSE 1311 ITNW1392 ITSY 1342	12	TBD	TBD	TBD

COURSE OFFERINGS

This section contains a list of all courses offered at Seguin High School, organized by content area. Course descriptions for all courses listed below can be found on the Seguin ISD website.

ENGLISH LANGUAGE ARTS AND ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
English 1	1002	9	1.0	Year	
English 1 PreAP	1009	9	1.0	Year	
English 1	1002A	10	1.0	Year	Committee approval
English 2	1022	10	1.0	Year	
English 2 PreAP	1029	10	1.0	Year	
English 2	1022A	10	1.0	Year	Committee approval
English 3	1052	11	1.0	Year	
English 3 Advanced Placement	1069	11	1.0	Year	
English 3 Dual Credit	1080	11	1.0	Year	TSI requirements
English 4	1082	12	1.0	Year	
English 4 Advanced Placement	1099	12	1.0	Year	
English 4 Dual Credit	1199	12	1.0	Year	TSI requirements
College Prep ELA	1090	12	1.0	Year	TSI requirements
Reading Seminar 1	1618	9-10	1.0	Year	Committee approval
Communications Applications Dual Credit	1910	9-12	0.5	Semester	TSI requirements
Debate 1	1812	10-12	1.0	Year	
Debate 2	1813	10-12	1.0	Year	
Debate 3	1814	10-12	1.0	Year	
Literary Genres: Mythology	1760	11-12	0.5	Semester	
Literary Genres: Bible as Literature	1765	11-12	0.5	Semester	
English 1 Speakers of Other Languages (ESOL)	1011	9	1.0	Year	Committee approval
English 1 Speakers of Other Languages (ESOL)	1011A	9	1.0	Year	Committee approval
English 2 Speakers of Other Languages (ESOL)	1031	10	1.0	Year	Committee approval
English 2 Speakers of Other Languages (ESOL)	1031A	10	1.0	Year	Committee approval
NELD A	1565	9	1.0	Semester	Committee approval
NELD B	1566	10	1.0	Semester	Committee approval

COURSE OFFERINGS

MATHEMATICS

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
Algebra 1	2003	9-12	1.0	Year	
Algebra 1	2003A	9-12	1.0	Year	Committee approval
Geometry	2023	9-12	1.0	Year	Algebra 1
Geometry PreAP	2029	9-12	1.0	Year	Algebra 1
Algebra 2	2053	9-12	1.0	Year	Algebra 1
Algebra 2 PreAP	2059	9-12	1.0	Year	Algebra 1
Math Models	2061	11-12	1.0	Year	Algebra 1
Advanced Quantitative Reasoning (AQR)	2018	11-12	1.0	Year	Algebra 1 and Geometry
Precalculus	2062	11-12	1.0	Year	Algebra 1, Geometry and Algebra 2
Precalculus PreAP	2064	11-12	1.0	Year	Algebra 1, Geometry and Algebra 2
Calculus AB Advanced Placement	2099	11-12	1.0	Year	Precalculus
Statistics Advanced Placement	2098	11-12	1.0	Year	
Computer Science A Advanced Placement	2122	11-12	1.0	Year	Algebra 2 or co-enrollment in Algebra 2
Indep. Studies in Math 1 (YR) Dual Credit: College Algebra	2068	11-12	1.0	Year	Algebra 2, TSI requirements
Indep. Studies in Math 1 or 2 (YR) Dual Credit: Precalculus	2070/ 2071	11-12	1.0	Year	Algebra 2, TSI requirements
Math College Prep	2090	12	1.0	Year	TSI requirements
Algebraic Reasoning	2007	9-12	1.0	Year	Algebra 1

COURSE OFFERINGS

SCIENCE

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
Integrated Physics and Chemistry (IPC)	3022	9-10	1.0	Year	
Biology	3002	9-12	1.0	Year	
Biology Pre AP	3009	9-12	1.0	Year	
Biology	3002A	9-12	1.0	Year	Committee approval
Chemistry	3042	10-12	1.0	Year	Biology, Algebra 1, Geometry
Chemistry Pre AP	3049	10-12	1.0	Year	Biology, Algebra 1, Geometry
Physics	3072	11-12	1.0	Year	Algebra 2 or co-enrollment in Algebra 2
Physics Pre AP	3079	11-12	1.0	Year	Algebra 2 or co-enrollment in Algebra 2
Chemistry Advanced Placement	3069	11-12	1.0	Year	Chemistry, Algebra 2
Biology Advanced Placement	3001	11-12	1.0	Year	Biology or Chemistry
Earth Space Science	3004	11-12	1.0	Year	Three units of science and three units of math
Environmental Systems	3023	11-12	1.0	Year	Biology, Chemistry/Physics or IPC
Environmental Science Advanced Placement	3025	11-12	1.0	Year	Algebra 1, one year life science and one year physical science
Scientific Research & Design: Epidemiology	3143	11-12	1.0	Year	One year of high school science
Anatomy & Physiology	80831	11-12	1.0	Year	Biology, Chemistry
Medical Microbiology	3024	11-12	1.0	Year	Biology, Chemistry
Pathophysiology	3026	11-12	1.0	Year	Biology, Chemistry
Forensic Science	81223	11-12	1.0	Year	Biology, Chemistry
Scientific Research & Design Biology for Science Majors Dual Credit	3144	11-12	1.0	Year	One year of high school science, TSI requirements
Anatomy & Physiology (YR) Dual Credit	3031	12	1.0	Year	TSI requirements

COURSE OFFERINGS

SOCIAL STUDIES

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
World Geography	4022	9	1.0	Year	
World Geography PreAP	4029	9	1.0	Year	
Human Geography Advanced Placement	4023	9	1.0	Year	
World History	4032	10	1.0	Year	
World History Advanced Placement	4039	10	1.0	Year	
US History	4002	11	1.0	Year	
US History	4002A	11	1.0	Year	Committee approval
US History Dual Credit	4190	11	1.0	Year	TSI requirements
US History Advanced Placement	4019	11	1.0	Year	
US Government	4052	12	0.5	Semester	
US Government Dual Credit	4198	12	0.5	Semester	TSI requirements
US Government Advanced Placement	4069	12	0.5	Semester	
Economics	4072	12	0.5	Semester	
Economics Dual Credit	4199	12	0.5	Semester	TSI requirements
Macroeconomics Advanced Placement	4092	12	0.5	Semester	
Psychology	4125	11-12	0.5	Semester	
Psychology Advanced Placement	4126	11-12	1.0	Year	
Psychology Dual Credit	4128	11-12	0.5	Semester	TSI requirements
Sociology	4124	11-12	0.5	Semester	
Personal Financial Literacy	4123	10-12	0.5	Semester	
Special Topics in Social Studies 1 Dual Credit: Social Psychology	4086	11-12	0.5	Semester	TSI requirements
Social Studies Research Methods 1 Dual Credit: TX Government	4081	12	0.5	Semester	TSI requirements
Special Topics in Social Studies 1 Dual Credit: Western Civilizations	4085	12	1.0	Year	TSI requirements

COURSE OFFERINGS

PHYSICAL EDUCATION, ATHLETICS, AND SPORTS MEDICINE

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
Foundations of Personal Fitness: Cross Training	5003	9-12	0.5	Semester	
Individual Sports	5006	9-12	0.5	Semester	
Adventure/Outdoor Education	5115	10-12	1.0	Year	Parent permission
Tennis I-IV	5226, 5236, 5286, 5296	9-12	1.0	Year	Head coach approval
Cross Country I-IV	5213, 5253, 5263, 5273	9-12	1.0	Year	Head coach approval
Golf I-IV	5214, 5254, 5264, 5274	9-12	1.0	Year	Head coach approval
Boys Soccer I-IV	5215, 5255, 5265, 5275	9-12	1.0	Year	Head coach approval
Girls Soccer I-IV	5216, 5256, 5266, 5276	9-12	1.0	Year	Head coach approval
Baseball I-IV	5212, 5252, 5262, 5272	9-12	1.0	Year	Head coach approval
Softball I-IV	5210, 5220, 5230, 5250	9-12	1.0	Year	Head coach approval
Football I-IV	5222, 5227, 5242, 5292	9-12	1.0	Year	Head coach approval
Volleyball I-IV	5223, 5233, 5243, 5293	9-12	1.0	Year	Head coach approval
Boys Basketball I-IV	5224, 5234, 5244, 5294	9-12	1.0	Year	Head coach approval
Girls Basketball I-IV	5225, 5235, 5245, 5295	9-12	1.0	Year	Head coach approval
Freshman Cheerleader	5306	9	1.0	Year	Selected by panel of judges
JV Cheerleaders	5305	10-11	1.0	Year	Selected by panel of judges
Varsity Cheerleaders	5304	11-12	1.0	Year	Selected by panel of judges
Sports Medicine I	5246	10-12	1.0	Year	Athletic Trainer approval
Sports Medicine II	5247	10-12	1.0	Year	Sports Medicine I
Sports Medicine III	5248	11-12	1.0	Year	Sports Medicine II

COURSE OFFERINGS

Physical Education (PE) Requirements

The physical education curriculum operates under specific state (Texas Education Code 28.002) and local guidelines, outlined below:

- Each student is required to complete one (1.0) credit of physical education to meet State graduation requirements.
- General Physical Education courses may be taken only once and students may be enrolled in only one Physical Education course per semester.
- Additional PE courses may be taken for elective credit, for a maximum of 4.0 credits
- Physical Education substitutions allow a student to use approved physical activities to meet the state physical education graduation requirement.
- Courses that are substituted for physical education may NOT also be counted to meet other graduation requirements
- All students must be assessed on their physical fitness based on their Physical Education Classification using the FITNESSGRAM Assessment.

Athletics

Seguin High School offers a variety of competitive sports for both girls and boys. Athletic activities are operated under guidelines of the University Interscholastic League (UIL). Participation requires approval of the head coach of the respective sport(s), parent permission, a physical examination by a licensed physician, and maintenance of a satisfactory academic record.

Cheerleading

Cheerleaders perform at most sporting events and represent SHS in competition with other 5A schools. Parent permission and fees of approximately \$600 are required. Students may earn 1.0 credit of PE Substitution Cheerleading to meet State graduation requirements. Additional credits will count as elective credit.

Sports Medicine Courses

Sports Medicine courses do NOT count as the physical education requirement for State graduation.

COURSE OFFERINGS

NAVAL JUNIOR ROTC (NJROTC)

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
Naval Science I	5401	9	1.0	Year	
Naval Science II	5402	10	1.0	Year	Two years in JROTC or Naval Science I
Naval Science III	5403	11	1.0	Year	Two years in JROTC or Naval Science II
Naval Science IV	5404	12	1.0	Year	Two years in JROTC or Naval Science III, or permission from Instructor

LANGUAGES OTHER THAN ENGLISH (LOTE)

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
French I	1502	9-12	1.0	Year	
French II	1512	9-12	1.0	Year	French I
French III	1519	9-12	1.0	Year	French II
French IV	1520	9-12	1.0	Year	French III
Spanish I	1562	9-12	1.0	Year	
Spanish II	1573	9-12	1.0	Year	Spanish I
Spanish II Pre AP	1574	9-12	1.0	Year	Spanish II
Spanish III	1579	9-12	1.0	Year	Spanish II
Spanish III Dual Credit	1577	10-12	1.0	Year	Spanish II, TSI requirements
Spanish IV	1599	9-12	1.0	Year	Spanish III
Spanish Language IV AP	1598	9-12	1.0	Year	Three credits in Spanish

COURSE OFFERINGS

FINE ARTS

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
Visual Arts					
Art I	7102	9-12	1.0	Year	
Art Appreciation I Dual Credit	0513	10-12	1.0	Semester	TSI requirements
Art II Drawing	7122	10-12	1.0	Year	Art I
Art II Sculpture	7124	10-12	1.0	Year	Art I
Art II Ceramics	7125	10-12	1.0	Year	Art I
Art III Drawing	7152	10-12	1.0	Year	Art II Drawing
Art III Sculpture	7154	11-12	1.0	Year	Art II Sculpture
Art IV Drawing	7182	11-12	1.0	Year	Art III Drawing
Art IV Sculpture	7184	12	1.0	Year	Art III Drawing
Art History AP	7199	10-12	1.0	Year	
AP Studio Art: Drawing	7189	11-12	1.0	Year	Art II
Studio Art: 2-D Design AP	7186	11-12	1.0	Year	Art II
Studio Art: 3-D Design AP	7187	11-12	1.0	Year	Art II
Theatre Arts					
Theatre Art I	7203	9-12	1.0	Year	
Advanced Theatre Arts II	7204	10-12	1.0	Year	Theatre Arts I
Advanced Theatre Arts III	7205	10-12	1.0	Year	Audition, Theatre Arts II
Advanced Theatre Arts IV	7206	10-12	1.0	Year	Audition, Theatre Arts II
Musical Theatre I-III	7212, 7213, 7214	10-12	1.0	Year	Audition, Theatre Arts I
Technical Theatre I	7207	10-12	1.0	Year	Audition, Theatre Arts I
Advanced Technical Theatre II-IV	7208, 7209, 7210	10-12	1.0	Year	Audition, Technical Theatre I
Theatre Production I-III	7215, 7216, 7217	10-12	1.0	Year	Audition
Dance					
Dance I	7007	9-12	1.0	Year	
Dance Team Training	7009	9-12	1.0	Year	
Dance Team I-IV	5112, 5307, 5308, 5309	9-11	1.0	Year	Audition

COURSE OFFERINGS

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
Choral Music					
Matador Choir I-IV	7303, 7304, 7305, 7306	9-12	1.0	Year	Audition, interview
Non Varsity Choir I-IV	7381, 7382, 7384, 7385	9-12	1.0	Year	Audition, interview
Women's Choir I-IV	7307, 7308, 7309, 7335	9-12	1.0	Year	Audition, interview
Music Theory Advanced Placement	7301	10-12	1.0	Year	Prior music experience and interview
Music Theory I Dual Credit	7319DC	9-12	1.0	Semester	TSI requirements
Music Composition I	7224	9-12	1.0	Year	
Music Composition II	7225	9-12	1.0	Year	
Instrumental Music					
Wind Ensemble I-IV	7341, 7342, 7343, 7344	9-12	1.0	Year	Audition
Wind Symphony I-IV	7331, 7332, 7333, 7334	9-12	1.0	Year	Audition
Symphonic Band I-IV	7312, 7322, 7323, 7324	9-12	1.0	Year	Audition
Concert Band I-IV	7390, 7391, 7392, 7393	10-12	1.0	Year	Audition
Instrumental Ensemble I-IV	7311, 7325, 7313, 7326	9-12	1.0	Year	Audition, concurrent enrollment in performance band class
Percussion I-IV	7351, 7352, 7353, 7354	9-12	1.0	Year	Audition
Beginner Guitar I	7321	9-12	1.0	Year	
Color Guard I-IV	7405, 7406, 7407, 7408	9-12	1.0	Year	Audition
Mariachi I-IV	7420, 7421, 7422, 7423	9-12	1.0	Year	Audition

COURSE OFFERINGS

ADDITIONAL COURSES

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
Student Aide - 1st Semester	0652	12	0.5	Semester	Counselor and/or administrator approval
Student Aide - 2nd Semester	0654	12	0.5	Semester	Counselor and/or administrator approval
Senior Release	0660	12	N/A	Year	Campus administrator approval and parent permission
College Transition	0770	11-12	0.5	Semester	Students preparing to take SAT and ACT
AVID I	81751	9	1.0	Year	
AVID II	81752	10	1.0	Year	AVID I
AVID III	81753	11	1.0	Year	AVID II
AVID IV	81754	12	1.0	Year	AVID III
MAPS 1 Dual Credit	4121DC	10-12	0.5	Semester	TSI requirements
Academic Skills I-IV	9990, 9991, 9992, 9993	9-12	1.0	Year	Committee approval
Activities of Daily Living I-IV	9388, 9389, 9390, 9391	9-12	1.0	Year	Committee approval
Occupational Preparation I-IV	9387, 9392, 9393, 9394	9-12	1.0	Year	Committee approval
Recreation and Leisure I-IV	9994, 9995, 9996, 9997	9-12	1.0	Year	Committee approval
Vocational Experience I-IV	9340, 9341, 9342, 9343	9-12	1.0	Year	Committee approval
18+ Transition I-IV	9344, 9345, 9346, 9347	9-12	1.0	Year	Committee approval

COURSE OFFERINGS

CAREER AND TECHNICAL EDUCATION (CTE)

The Seguin ISD Career and Technical Education (CTE) Department offers multiple programs and course sequences that provide students coherent and rigorous content leading to a graduation endorsement. CTE Programs are designed to build a stronger set of skills for each student preparing them for a diverse set of outcomes ranging from professional post-secondary degrees to career-focused workforce training. The CTE programs are designed to be hands-on and industry driven, leading to practical applications. Each CTE program leads to three possible graduation endorsements.

Please visit <http://www.seguin.k12.tx.us/page/cte.home> for more information about the Seguin ISD CTE Department.



STEM

Robotics
Theoretical Computer Science
Computer Science AP

Agriculture Programs

Agricultural Mechanics
Animal Science
Veterinary Technology

Trades Program

Construction Technology

Manufacturing Programs

Welding Technology
ATMA

Business Management Programs

Business Management
Business Finance
Medical Billing and Coding

Technology Programs

Animation
Film Production
MATCAST Media Production
Practical Coding & Game Design
Graphic Design
ITSA

Public Service Programs

Education and Training
Cosmetology
Law Enforcement

Health Science Programs

Health Care Therapeutic (CNA)
Pharmacy Technology

COURSE OFFERINGS

CAREER AND TECHNICAL EDUCATION (CTE) COURSES

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
Introductory Level Courses					
Principles of Applied Engineering	81568	9-11	1.0	Year	
Computer Science I	7603	9-12	1.0	Year	Algebra I
Principles of Agriculture, Food & Natural Resources	80101	9-12	1.0	Year	
Business Information Management 1	80424	9-12	1.0	Year	
Computer Programming 1	81176	9-12	1.0	Year	
Principles of Arts, A/V & Technology	81180	9-12	1.0	Year	
Principles Of Law, Public Safety, Corrections & Security	81201	9-11	1.0	Year	
Principles Health Science	80801	9-12	1.0	Year	
Principles of Manufacturing	TBD	9-12	1.0	Year	
Science, Technology, Engineering, and Math (STEM) Program					
Engineering Design and Presentation 1	TBD	10-11	1.0	Year	Principles of Applied Engineering
Robotics 1	81569	9-11	1.0	Year	Engineering Design and Presentation 1
Robotics 2	81570	10-11	1.0	Year	Robotics 1
Practicum in STEM	TBD	12	2.0	Year	Robotics 2
Computer Science II	2152	10-12	1.0	Year	Algebra I, Computer Science I
Computer Science III	2153	10-12	1.0	Year	Computer Science II
Game Programming and Design	81572	10-12	1.0	Year	Computer Science II
AP Computer Science Principles	2123	9-11	1.0	Year	
Computer Science A Advanced Placement	2122	10-12	1.0	Year	Computer Science I, or Computer Science Principles AP
Agriculture Program					
Agricultural Mechanics & Metal Technologies	80116	10-12	1.0	Year	Prin of Ag, Food & Natural Resources
Ag. Structures Design & Fabrication	80127	12	1.0	Year	Agricultural Mechanics & Metal Technologies

COURSE OFFERINGS

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
Agriculture Program (Continued)					
Equine Science	80112	9-12	0.5	Semester	Prin of Ag, Food & Natural Resources
Small Animal Management	80114	9-12	0.5	Semester	Prin of Ag, Food & Natural Resources
Livestock Production	80111	10-12	1.0	Year	Prin of Ag, Food & Natural Resources
Wildlife, Fisheries & Ecology Management	80115	10-12	1.0	Year	Prin of Ag, Food & Natural Resources
Advanced Animal Science	80132	10-12	1.0	Year	<ul style="list-style-type: none"> • Prin of Ag, Food & Natural Resources • Equine Science/Small Animal Management • 90% attendance previous year • Biology and Chemistry
Veterinary Medical Applications	80122	11-12	1.0	Year	<ul style="list-style-type: none"> • Ad. Animal Science • 90% attendance previous year • Biology and Chemistry
Practicum In Agriculture, Food & Natural Resources	80141	12	2.0	Year	<ul style="list-style-type: none"> • A minimum of one credit from the courses in the Ag., Food, and Natural Resources Career Cluster
Trades Program					
Construction Technology 1	80214	9-12	2.0	Year	Algebra I; Prin. of Manufacturing
Construction Technology 2	80224	10-12	2.0	Year	Geometry; Construction Technology 1
Practicum in Construction Technology	80244	11-12	2.0	Year	Construction Tech. 2
Business Management and Administration Program					
Human Resource Management	80403	10-12	0.5	Semester	BIM 1
Virtual Business	80427	9-12	0.5	Semester	BIM 1
Business Management	80428	10-12	1.0	Year	BIM 1
Accounting I	80615	10-12	1.0	Year	BIM 1
Accounting II	80621	11-12	1.0	Year	Accounting I

COURSE OFFERINGS

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
Business Management and Administration Program (Continued)					
Entrepreneurship	81416	10-12	1.0	Year	BIM 1
Career Prep	81302	11-12	2.0 or 3.0	Year	Secure employment by 15 th day of school
Money Matters	80610	10-12	1.0	Year	BIM 1
Health Informatics	80444	11-12	1.0	Year	BIM 1, Med Terminology
Practicum In Business Management	80443	12	2.0	Year	BIM 1
Practicum In Business Management: Health Information	80441	11-12	2.0	Year	<ul style="list-style-type: none"> • Health Science, Medical Terminology, BIM 1 • 90% attendance previous year
Manufacturing Program					
Welding I	81312	9-12	2.0	Year	Prin of Manufacturing; Algebra I
Welding II	81322	10-12	2.0	Year	Welding, Geometry, 90% attendance for previous year
Practicum In Manufacturing	76040	12	2.0	Year	Welding I, Welding II
ATMA, Year 1	81361A/ B	11-12	3.0	Year	CTTC requirements
ATMA, Year 2	81362A/ B	11-12	3.0	Year	CTTC requirements
Technology Program					
Computer Programming 2	81177	10-12	1.0	Year	Comp Programming 1
Digital Media	81113	9-12	1.0	Year	Comp Programming 1 or Principles of Arts, A/V & Technology
Video Game Design	TBD	10-12	1.0	Year	Comp Programming 2
Web Technologies	81123	10-12	1.0	Year	Comp Programming 1, Digital Media
Animation 1	80324	10-12	1.0	Year	Digital Media
Animation 2 with Lab	80327	10-12	2.0	Year	Animation 1
Graphic Design and Illustration 1	81193	10-12	1.0	Year	Principles of Arts, A/V & Technology
Graphic Design and Illustration 2	81195	10-12	2.0	Year	Graphic Design and Illustration 1

COURSE OFFERINGS

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
Technology Program (Continued)					
Practicum in Information Technology	TBD	12	2.0	Year	Web Technologies or Video Game Design
Audio/Video Production 1	81194	10-12	1.0	Year	Principles of Arts, A/V & Technology
Audio/Video Production 2	81196	10-12	2.0	Year	AV Production 1
Advanced Journalism: Newspaper 1	1123	9-12	1.0	Year	Principles of Arts, A/V & Technology
Advanced Journalism: Newspaper 2	1128	10-12	1.0	Year	Newspaper 1
Advanced Journalism: Newspaper 3	1129	12	1.0	Year	Newspaper 2
Graphic Design: Yearbook 1	81184	9-12	1.0	Year	Principles of Arts, A/V & Technology
Graphic Design: Yearbook 2	81185	11-12	1.0	Year	Yearbook 1
Graphic Design: Yearbook 3	81186	12	2.0	Year	Yearbook 2
Audio Video Production: Matcast 1	81187	9-12	1.0	Year	Principles of Arts, A/V & Technology
Audio Video Production: Matcast 2	81188	11-12	1.0	Year	Matcast 1
Audio Video Production: Matcast 3	81189	12	2.0	Year	Matcast 2
ITSA, Year 1	81166A/ B	11-12	3.0	Year	CTTC requirements
ITSA, Year 2	81167A/ B	11-12	3.0	Year	CTTC requirements
Public Service Program					
Human Growth & Development	80511	9-11	1.0	Year	BIM 1
Instructional Practices	80521	11-12	2.0	Year	Human Growth and Dev
Practicum In Education & Training	80562	12	2.0	Year	Instructional Practices
Principles Of Cosmetology Design And Color Theory	81020	10	1.0	Year	BIM 1
Cosmetology I	81023	11	2.0	Year	Parent permission, attend informational meeting
Cosmetology II with Lab	81032	12	3.0	Year	Cosmetology 1, parent permission
Law Enforcement I	81211	10-12	1.0	Year	Prin. of Law, Public Safety, Corrections and Security
Law Enforcement II	81221	11-12	1.0	Year	Law Enforcement I

COURSE OFFERINGS

Course Title	SISD Course Code	Grade	Credit	Duration	Prerequisite
Public Service Program (Continued)					
Forensic Science	81223	11-12	1.0	Year	Biology, Chemistry
Criminal Investigation	81222	9-12	1.0	Year	Prin. of Law, Public Safety, Corrections and Security
Health Science Program					
Medical Terminology	80812	9-11	1.0	Year	Principles of Health Science
Health Science Theory	80811	10-12	1.0	Year	Medical Terminology
Pharmacology	80813	11-12	1.0	Year	Medical Terminology
Practicum In Health Science: CNA	80842	12	2.0	Year	<ul style="list-style-type: none"> • Principles of Health Science, Medical Terminology, Health Science Theory • Pass criminal background check • Complete application for CNA • 90% attendance previous year • Current influenza vaccine and all other immunizations • Negative Tuberculin skin test
Practicum In Health Science: Pharm Tech	80843	12	2.0	Year	<ul style="list-style-type: none"> • Principles of Health Science, Medical Terminology, Pharmacology • Pass criminal background check • Complete application for CNA • 90% attendance previous year • Current influenza vaccine and all other immunizations • Negative Tuberculin skin test

OTHER INFORMATION

Below is other information that may be helpful through the course selection process. Topics are arranged alphabetically.

Academic Achievement

Grade Level Classification

Grade level advancement for students in grades 9–12 shall be earned by course credits in accordance with the course catalog per Board Policy EIE (LOCAL). Additionally, 90% attendance is required to earn credit or a final grade in a course per Board Policy FEC (LEGAL). Any required course failed during the school year should be retaken in summer school, by correspondence, or through credit-by-exam or credit recovery.

Classifications for the 2019-2020 school year as determined by credits are:

Sophomore – 5 credits

Junior – 10 credits

Senior – 15 credits

Any student who does not pass to the next grade level at the end of a school year (or following summer school) can be reclassified to the next grade level at the end of the next semester if he or she recovers all deficient credits.

Rank and Weight [Board Policy EIC (LOCAL) Adopted October 6, 2015]

Grade Point Average

Eligible courses for the calculation of class rank shall include semester grades earned in courses taken for state graduation credit in grades 9–12 only, exclusive of grades earned in summer school; distance learning courses; credit recovery courses; pass/fail courses; and through credit by examination, with or without prior instruction.

A student's weighted numerical grade average shall be computed by totaling the semester numerical grades and dividing by the number of courses taken. When multiple-period courses are included in computing the average, the semester numerical grade shall be entered the same number of times as the number of periods per day the student is enrolled in the course, and that number of periods shall also be reflected in the divisor. The calculation shall include failing grades.

For the purpose of determining honors to be conferred during graduation activities, the District shall calculate class rank in accordance with this policy and administrative regulations by using grades available at the time of calculation at the end of the fifth six-week grading period of the senior year.

Weighted Courses

All courses shall be weighted according to an objective review of course content. The District shall assign weights to semester grades earned in eligible courses and shall calculate a weighted numerical grade average in accordance with the following:

Course Level	Weight
AP/Dual Credit	Multiplied by 1.10
Pre-AP/	Multiplied by 1.05
Regular	Multiplied by 1.00

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Transfer Students

When a student transfers semester grades for courses that would be eligible under the Regular category and the District has accepted the credit, the District shall include the grades in the calculation of class rank.

When a student transfers semester grades for courses that would be eligible to receive additional weight under the District's weighted grade system, the District shall assign additional weight to the grades based on the categories and grade weight system used by the District.

For students transferring into the District, if the sending institution uses letter grades, the conversion shall be as follows:

A+ = 98	B+ = 88	C+ = 79	D+ = 74
A = 95	B = 85	C = 77	D = 72
A- = 91	B- = 81	C- = 75	D- = 70
			F = 69

Local Graduation Honors

For the purpose of determining honors to be conferred during graduation activities, the District shall calculate class rank in accordance with this policy and administrative regulations by using grades available at the time of calculation at the end of the fifth six-week grading period of the senior year.

For the purpose of applications to institutions of higher education, the District shall also calculate class rank as required by state law. The District's eligibility criteria for local graduation honors shall apply only for local recognitions and shall not restrict class rank for the purpose of automatic admission under state law.

[See EIC(LEGAL)]

Honor Graduates (from Seguin ISD Procedures Manual and Student-Parent Handbook)

The top ranking ten percent of graduates who have completed the Recommended or Advanced/Distinguished Achievement Program shall be determined from the students' high school graduating class and designated as honor graduates.

The top two percent of honor graduates shall be designated as summa cum laude.

The next three percent of honor graduates shall be designated as magna cum laude.

The final five percent of the honor graduates shall be designated as cum laude.

Valedictorian and Salutatorian

The valedictorian and salutatorian shall be the eligible students with the highest and second highest rank, respectively. To be eligible for this local graduation honor, a student must:

1. Have been enrolled in the District high school for no fewer than four semesters and have been continuously enrolled in the District high school for the two semesters immediately preceding graduation;
2. Have completed the Recommended Program, the Advanced/Distinguished Achievement Program, or the foundation program with the distinguished level of achievement; and
3. Be graduating after exactly eight semesters of enrollment in high school.

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Advanced Academics

Seguin ISD is committed to providing multiple opportunities for students to participate in advanced academic coursework during their high school experience. The section below provides more information regarding available opportunities and district policies supporting advanced academics. Additionally, advanced academics provide opportunities to serve students identified as Gifted and Talented (GT).

Advanced Academic Course Student Agreements: Advanced Placement (AP), Dual Credit, Pre-AP

Students who participate in advanced academic courses must complete an Advanced Academic Course Student Agreement(s) and turn in the completed agreement(s) signed by parent or guardian to their teacher before the end of the first week of school. Success in advanced academic courses requires the student's commitment to the expectations of the advanced level course program. Students will be expected to:

- analyze, synthesize, and manipulate knowledge and skills and think critically;
- budget time effectively and efficiently and develop successful study skills;
- commit to a daily academic action plan and attend tutoring regularly if needed;
- come to school early and/or stay late in order to attend tutoring;
- engage in electronically-assigned research and/or communications;
- increase advanced content area vocabulary.

For more information about the Advanced Level Course Agreements and to see a sample agreement, students and parents should contact the counselor.

Advanced Placement (AP) Courses

Advanced Placement courses are offered in many content areas and can be found within each core course listing. These courses are extremely rigorous as they are college-level courses that follow a college curriculum approved by The College Board. Students taking these courses are required to take the AP tests offered in the spring and these tests have additional fees paid by the students. Seguin ISD is committed to working with all students and their families to provide fee reduction and/or waiver opportunities, as applicable. Students scoring a 3, 4, or 5 on one of these tests are usually able to gain some college credit and will be reimbursed for testing fees. Students should consult specific colleges for what scores and tests they accept as each school awards credit differently.

Any student in 9th – 12th grades may enroll in a Pre-AP/AP course as long as the student and the parents are willing to commit to the program. However, the teachers, counselors, and administrators strongly recommend that students and parents conference with the current teacher before making their final decisions.

Students are cautioned about taking too many advanced-level courses at one time because of the rigorous curricula. Remember that most college students take 3-5 college-level courses with minimal extracurricular practices and obligations, so caution is recommended. If a change in scheduling is recommended based on students' needs, the schedule change would take place up to the end of the first six weeks or at the end of the first semester. Parent/teacher/counselor communication is required prior to withdrawal from the course.

Examination for Acceleration

In accordance with Board Policy EHDC (LOCAL), students in grades 6-12 may be given credit for an academic subject for whom he or she had no prior instruction. If a student is given credit in a subject on the basis of an examination on which the student scored 80 percent or higher, the District shall enter the examination score on the student's transcript and the student is not required to take an end-of-course (EOC) assessment instrument

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under Education Code 39.023(c) for the course. For more information about Credit by Examination, see the Seguin ISD website at <http://www.seguin.k12.tx.us/page/ci.accelerationexams>.

Gifted and Talented (GT) Services

Seguin ISD defines gifted and talented as any child or youth in grades K-12 who performs at, or shows the potential for performing at, a remarkably high level of accomplishment when compared to others of the same age, experience, or environment and who:

- (1) Exhibits high performance capability in general intellectual ability; or
- (2) Excels in one or more specific academic fields: math, science, language arts, and/or social studies

Students who participate in services designed for gifted students will demonstrate skills in self-directed learning, thinking, research, and communication as evidenced by the development of innovative products and performances that are advanced in relation to students of similar age, experience, or environment and that reflect individuality and creativity. High school graduates who have participated in services for gifted students will produce products and performances of professional quality as part of their program services.

Seguin ISD offers services for identified GT students through Pre-AP and AP courses from a GT trained teacher. The Pre-AP and AP courses are designed to meet the needs of Gifted and Talented (GT) students.

Additionally, teachers may utilize resources from the Texas Performance Standards Project (TPSP) in their classes. This resource provides differentiated instruction to GT students through a coherent package of standards, curriculum, and assessments. For more information about the Texas Performance Standards Project (TPSP), visit <http://www.texaspsp.org/>.

Furthermore, out-of-school enrichment opportunities are also provided for students including Destination ImagiNation, UIL activities, and Science Fair.

Other Opportunities for Acceleration

Additional opportunities will be considered for students who are interested in completing their course work at an accelerated pace. Any opportunity for acceleration will require pre-approval by campus administration. Additionally, Seguin ISD does not assume any costs related to opportunities for acceleration not offered at Seguin High School.

Considerations include alignment of acceleration opportunity to state graduation requirements and state-approved Texas Essential Knowledge and Skills (TEKS) of specific courses. Students must also meet any necessary prerequisites for acceleration.

Pre-Advanced Placement (Pre-AP) Courses

Pre-Advanced Placement (Pre-AP) courses are designed to teach students strong study habits, critical thinking skills and learning strategies to prepare them for taking Advanced Placement (AP) courses. Pre-AP course offerings are available in English, Math, Science and Social Studies and are taught by teachers who are provided professional development in gifted and talented (GT) and Pre-AP strategies. The increased academic rigor of these courses is based on additional enrichment activities, reading and writing assignments. While Pre-AP courses are rigorous college preparatory courses, they are not college-level courses.

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Credit by Examination

In accordance with Board Policy EHDB (LEGAL), a student in any of grades 6–12 may be given credit for an academic subject in which he or she had some prior instruction if the student scores 70 percent or higher on a criterion-referenced test approved by the Board for the applicable course.

For more information about Credit by Examination, see the Seguin ISD website at <http://www.seguin.k12.tx.us/page/ci.accelerationexams>.

Early College High School Academic Policies

The following academic policies of the School District and College shall apply to all students enrolled in the ECHS as applicable.

- ECHS students are expected to meet academic standards (including academic progress) for College coursework.
- Semester grades and grading policies shall be outlined in each instructor's course syllabus. Grades are awarded on a 4.0 scale at the College, and High School will convert them to High School letter grades according to its procedures.
- ECHS students will be informed by the instructor of academic progress/grade status at mid-semester and prior to the Last Day to Drop. Students struggling to maintain a passing grade will be advised by the instructor or the high school counselor to withdraw from the College course in order to avoid future problems related to admissions, financial aid, and scholarships.
- *Withdrawal from the College course does not result in a withdrawal from the high school course; however, the student's permanent college transcript will indicate a "Withdrawal."*
- The ECHS personnel are responsible for advising ECHS students concerning academic progress in high school and college courses.
- Faculty will follow the College policies for Early Alert and grade posting. The ECHS staff and the College Dual Credit Liaison are responsible for monitoring these actions.

Students who fail to maintain a cumulative grade point average (GPA) of 2.00 (C average) are considered scholastically deficient and can be placed on early academic alert, mandatory intervention or academic suspension as appropriate by the College or ECHS. Grade policies for St. Philip's College are accessible on their website at <http://alamo.edu/spc/>.

St. Philip's College (SPC) Grading Scale: SPC Instructors assign a final letter grade at the end of the semester based on the grade scale listed below:

A: 90% - 100% B: 80% - 89% C: 70% - 79% D: 60% - 69% F: Below 60%

I: Passing, but did not complete all required work (one unit test or the final examination, for example). (Student must complete work within 120 days, or the grade is changed to an F.)

Seguin ISD Grade Conversion chart for letter grades submitted by St. Philip's College instructors:

A = 95 B = 85 C = 77 D = 72 F = 69

English as a Second Language (ESL) Program

Seguin High School provides English as a Second Language (ESL)/sheltered instructional strategies to students identified as Limited English Proficient (LEP). Additionally, the high school language arts curriculum provides ESL support for English Language Learners who are recent immigrants (0-3 years in U.S. schools) through an English for Speakers of Other Languages (ESOL) class. The purpose of the ESL program is to enable LEP students to be competent in the comprehension, speaking, reading and composition of the English language through the integrated use of second language methods.

OTHER INFORMATION

Flexible School Day (FSD)

The Flexible School Day Program (FSD) allows districts to provide flexible hours and days of attendance for students who meet at least one of the following requirements, as established by Texas Education Code:

- will be denied credit for one or more classes due to attendance requirements
- at risk of dropping out of school

In order to be accepted into the Flexible School Day Program a student must meet program requirements, submit an application, and receive Principal approval. The program is self-paced and students are required to complete at least half a credit in 6 weeks or less. Students who do not complete the half credit by 6 weeks will go for review and possibly lose all course work completed up to date. For more information or application, students should make an appointment with their grade level Counselor.

Mercer-Blumberg Learning Center

Mercer-Blumberg Learning Center, or MLBC, provides alternative educational opportunities for Seguin High School students. Eligible students work with their counselor to create an individualized program of study, based on MBLC course offerings. For more information on how to apply, students should make an appointment with their grade level Counselor.

Personal Graduation Plans (PGPs)

All students are required to complete a high school personal graduation plan (PGP) before the end of their 9th grade year which will include a four-year plan of study based on their selected endorsement. Texas Education Code 28.02121 states that the personal graduation plan “must include information concerning the benefits of choosing a high school personal graduation plan that includes the distinguished level of achievement under the foundation high school program and includes one or more endorsements to enable the student to achieve a class rank in the top 10 percent for students at the campus.” The personal graduation plan is a working document that counselors will use to monitor student completion of graduation requirements.

Section 504 Services

Section 504 of the Rehabilitation Act of 1973 is a Civil Rights Act, which prohibits discrimination against individuals with a disability in any program receiving Federal financial assistance. In order to fulfill its obligation under Section 504, Seguin ISD recognizes a responsibility to avoid discrimination in policies and practices regarding its students. No discrimination against any students solely due to his/her disability will knowingly be permitted in any of the programs and practices in the school system. The school district has specific responsibilities under Section 504 which include the responsibility to identify, evaluate and, if the student is determined to be eligible under Section 504, to afford access to necessary educational accommodations. For more information regarding Section 504, contact the campus counselor.

Special Education Services

Seguin ISD provides a continuum of special education services for students with disabilities. Special education services are provided according to the student’s Individualized Education Plan (IEP) as per the recommendation of the Annual Review and Dismissal (ARD) Committee. For more information, please see the Seguin ISD Matador Special Services Department website at <http://www.seguin.k12.tx.us/page/specialeducation.home>.