

SEGUIN HIGH SCHOOL

TRANSFORMATION STARTS HERE.



SHS 2.0

SEGUIN INDEPENDENT SCHOOL DISTRICT

2017-2018 COURSE CATALOG

AN EDUCATION...AS GOOD AS GOLD

The Seguin High School Course Catalog has been designed to provide both students and parents a clear understanding of the educational opportunities available at Seguin Early College High School for the 2017-2018 school year.

The Quick Start Guide below is designed to support the use of this catalog by highlighting main areas of consideration when selecting courses. If you have any questions regarding information contained in this catalog, please contact the office at Seguin High School.

1 High School Plan and Graduation Requirements

Learn more about Seguin ISD graduation requirements, endorsements, a four-year plan of study, and state assessments.

2 Seguin Early College High School (ECHS)

Learn more about the Seguin Early College High School (ECHS) comprehensive “College and Career-for-All” model and Dual Credit courses.

3 Course Descriptions

Learn more about the courses offered at Seguin High School.

4 Other Information

Learn more about advanced academics, special programs, and district policies.

Seguin ISD Vision Statement

Our vision is a culture of excellence within our schools and community.

Seguin ISD Mission Statement

To provide every child an excellent education in a supportive environment so they achieve their highest potential and become leaders and contributors in the global community through rigorous and relevant learning in partnership with committed staff, parents, and community.

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.

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1. High School Plan and Graduation Requirements

Course Selection Process

Students must carefully plan their course selections based on their chosen Early College High School (ECHS) Pathway and Endorsement. 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:

1. Review the Course Catalog

This course catalog includes course descriptions for all courses offered at Seguin High School. Students should look over the course descriptions of all courses of interest, giving special attention to graduation requirements and course prerequisites. Select courses that will help meet 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. Students have the option of choosing electives based on interest. Elective choices are scheduled based on teachers and sections available for the current school year.

2. Orientation of Courses

Attend student and parent presentations on course offerings. Review the 2017-2018 course selection sheet and discuss how the courses fit into the student's graduation plan.

3. Parent/Guardian Approval

A parent or guardian must sign the bottom of the 2017-2018 course selection sheet. Students will return the sheet to their school counselor, once complete.

4. 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.

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.

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 course selection sheet will be used.
- Electives may be replaced with EOC Intervention courses if a student demonstrates a need for targeted improvement.

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.

1. High School Plan and Graduation Requirements

Seguin ISD Graduation Requirements

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
- Performance Acknowledgements that note outstanding achievement

Foundation High School Program with Distinguished Level of Achievement
4 credits English English Language Arts I, II, III, one credit in any authorized additional English course
4 credits Mathematics Algebra I, Geometry, Algebra II, one credit in any authorized additional math course
4 credits Science Biology; one credit in IPC, Chemistry or Physics; two credits in any authorized additional science course
3 credits Social Studies World Geography, US History, Government, Economics <i>Seguin ISD recommends World History for all students</i>
2 credits Languages Other Than English
1 credit Physical Education or PE Substitution
1 credit Fine Arts
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.

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

1. High School Plan and Graduation Requirements

Authorized Additional Courses

Below is a list of authorized additional courses available at Seguin High School for each content area. These courses will satisfy State graduation requirements for the Foundation High School Program, per Texas Education Code (19 TAC Chapter 74, Subchapter B).

Students should pay close attention to the following when selecting courses:

- elective requirements for selected endorsement
- course prerequisites

English Language Arts Additional Course Offerings

- English IV
- English IV Dual Credit
- AP English Literature and Composition
- Communication Applications Dual Credit (0.5 credit)
- Debate 3
- Literary Genres (0.5 credit)
- Advanced Journalism III: Newspaper

Mathematics Additional Course Offerings

- Algebra II
- Precalculus
- Any AP Math Course
- Any Dual Credit Math Course
- Algebraic Reasoning
- Advanced Quantitative Reasoning

Science Additional Course Offerings

- Chemistry
- Physics
- Any AP Science Course
- Any Dual Credit Science Course
- Forensic Science
- Earth and Space Science
- Environmental Systems
- Scientific Research and Design
- Advanced Animal Science
- Anatomy and Physiology
- Medical Microbiology
- Pathophysiology

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

1. High School Plan and Graduation Requirements

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) <i>or</i> Approved Additional English Course
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 Year 1 <i>or</i> Elective	Languages Other than English Year 2 <i>or</i> Elective	Elective
Fine Arts <i>or</i> Languages Other than English Year 2	Fine Arts <i>or</i> Elective	Elective	Endorsement Elective
CTE Elective <i>or</i> Languages Other than English Year 2 <i>or</i> AVID	Endorsement Elective	Endorsement Elective	Endorsement Elective
<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.

1. High School Plan and Graduation Requirements

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

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 <http://tea.texas.gov/student.assessment/staar/> or read the [STAAR - High School Testing Program Guide](#).

Post-Secondary Readiness Tests

Students may take the following additional post-secondary readiness tests:

- Texas Success Initiative Assessment (TSI)
- American College Test (ACT)
- Scholastic Aptitude Test (SAT)
- PSAT/National Merit Scholarship Qualifying Test (NMSQT)
- SAT Subject Tests
- Armed Services Vocational Aptitude Battery (ASVAB)

More information about these tests, and other testing information, can be found on page 95 of this course catalog.

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	
		Theoretical Computer Science	
		Computer Science AP	
		Mathematics Studies	
		Environmental Studies (Science)	
		Pre-Medical Studies	
Business and Industry	Agriculture	Agricultural Mechanics	AWS SMAW D1.1 Structural Steel (American Welding Society)
		Animal Science	
		Veterinary Technology	
	Trades	Construction Technology	NCCER CORE – Introductory Craft Skills (National Center for Construction Education and Research)
	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)
	Business Management & Administration	Business Management	
		Business Information Management	MOS – Microsoft Office Specialist (Word, PowerPoint, Excel, Access) IC3 – Internet & Computing Core Certification
		Accounting	
		Medical Billing and Coding	
	Technology	Web Design & Mobile Apps	ACA Adobe Certified Associate – Dreamweaver and Photoshop
		Information Technology and Security Academy (ITSA)	30 College Credit Hours (Associate's) Level 1 Certificate of Completion Computer Security Specialist Information Technology and Security

1. High School Plan and Graduation Requirements

Endorsement	Program	Sequence	Certification(s)
Business and Industry	Technology (Continued)	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	
		Graphic Design	
		Video Production	
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
		Emergency Medical Technician (EMT)	Emergency Medical 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		

1. High School Plan and Graduation Requirements

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 beginning on page 26.

STEM Endorsement: STEM Program

STEM ENDORSEMENT		STEM PROGRAM		
SEQUENCE	9 th	10 th	11 th	12 th
<input type="checkbox"/> Robotics	Principles of Applied Engineering	Robotics 1	Robotics 2	Practicum in STEM (2 periods)
<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, 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 Biology or Earth and Space Science
<input type="checkbox"/> Pre-Medical Studies	Biology	Chemistry	Physics	Two of the following: AP Chemistry or AP Biology or Anatomy and Physiology
<input type="checkbox"/> Pre-Medical CTE course Companion sequence	Principles of Health Science	Medical Terminology	Health Science Theory / Health Science Clinical (2 periods)	Practicum in Health Science (Pharmacy Tech, E.M.T. or C.N.A)

NOTE: The student in Pre-Medical studies who wishes to immerse themselves in a practical healthcare environment should also follow the CTE course companion sequence for their elective program. It is important for students interested in the healthcare field to experience the sights, sounds and smells of a hospital environment before committing to a long-term program of study in the Healthcare Industry. **This track of courses would result in Graduation Endorsements in both STEM and Public Service** assuming successful completion of all STEM math and science requirements.

1. High School Plan and Graduation Requirements

Business and Industry Endorsement: Agriculture Program

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	Principles of Applied Engineering	Agricultural Mechanics and Metal Technologies	Agricultural Structures Design and Fabrication (1 period) OR Agricultural Structures Design and Fabrication with Lab (2 periods)
<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 AND Equine Science	Veterinary Medical Applications	Practicum in Agriculture, Food, and Natural Resources OR Career Preparation (2 periods)

Business and Industry Endorsement: Trades Program

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

Business and Industry Endorsement: Manufacturing Program

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

1. High School Plan and Graduation Requirements

Business and Industry Endorsement: Business Management and Administration Program

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	Global Business AND Virtual Business	Business Management	Practicum in Business Management (2 periods)
<input type="checkbox"/> Business Information Management	Business Information Management 1	Global Business AND Virtual Business	Business Information Management 2	Practicum in Business Management (2 periods)
<input type="checkbox"/> Accounting	Business Information Management 1	Accounting 1	Accounting 2	Practicum in Business Management (2 periods)
<input type="checkbox"/> Medical Billing and Coding	Business Information Management 1	Medical Terminology	Health Informatics	Practicum in Business Management: Health Information (2 periods)

1. High School Plan and Graduation Requirements

Business and Industry Endorsement: Technology Program

Business and Industry Endorsement		Technology Program		
SEQUENCE	9 th	10 th	11 th	12 th
<input type="checkbox"/> Web Design and Mobile Apps	Computer Programming 1	Digital Media	Web Technologies	Mobile App Development AND if possible, Practicum in Information Technology (1-3 periods)
<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	Business Information Management 1	Digital Media	Animation 1 (1 period) or Animation 1 with Lab (2 periods)	Animation 2 with Lab (2 periods)
<input type="checkbox"/> MatCast Media Production	Principles of Media	MatCast 1	MatCast 2	MatCast 3 Practicum
<input type="checkbox"/> Yearbook	Principles of Media	Yearbook 1	Yearbook 2	Yearbook 3
<input type="checkbox"/> Newspaper	Principles of Media	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	Video Game Design	Mobile App Development AND if possible, Practicum in Information Technology (1-3 periods)
<input type="checkbox"/> Graphic Design	Business Information Management 1	Digital Media	Graphic Design 1	Graphic Design 2 with Lab (2 periods)
<input type="checkbox"/> Video Production	Business Information Management 1	Digital Media	AV Production 1	AV Production 2 with Lab (2 periods)

1. High School Plan and Graduation Requirements

Public Service Endorsement: Public Service Program

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 (2 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 Sciences Program

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

1. High School Plan and Graduation Requirements

Arts and Humanities Endorsement: Fine Arts Program

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

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

1. High School Plan and Graduation Requirements

Multi-Disciplinary Endorsement

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

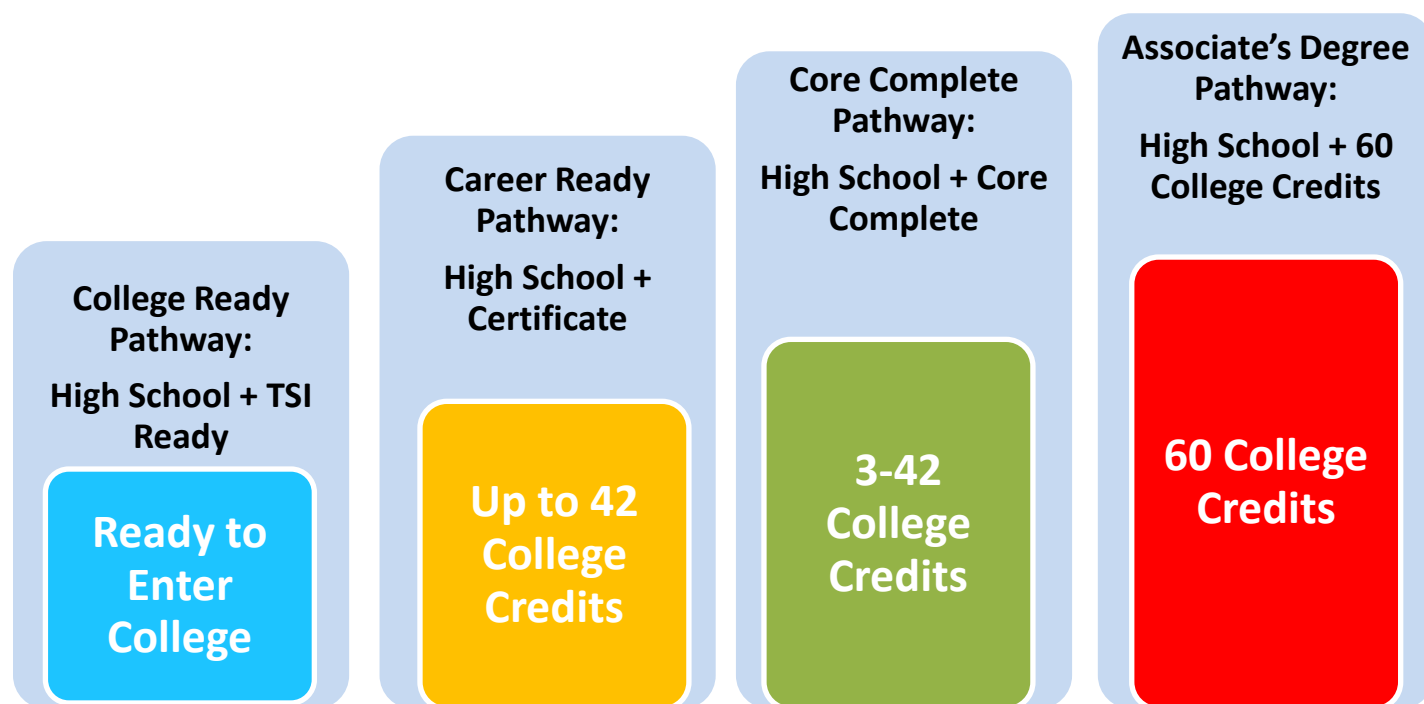
2. Seguin Early College High School (ECHS)



Seguin ISD Early College High School (ECHS)

Seguin's ECHS uses a comprehensive "College and Career-for-All" model, developed by Seguin ISD and St. Philip's College designed to prepare all students to be college and career ready by providing articulated degree pathways that lead to postsecondary credentials. Each pathway works within the State of Texas graduation requirements and CTE Endorsements.

The Four Pathways to Success



- Students can transition from one pathway to another based on their desired goals, with the exception of the Associate Degree pathway. Students interested in this 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.**

2. Seguin Early College High School (ECHS)

I want my high school experience to be...	ECHS Pathways	Pathway Descriptions
I am not certain of my future plans, but I would like to have all options open to me after I graduate high school.	High School + TSI Ready = College Ready	Earn your high school diploma and be college ready.
I am not sure if college is in my future, but I would like to earn a certification that I can use to find a good job after high school.	High School + Level 1 Certificate or up to 42 college credits = Career Ready	Earn your high school diploma and either a Level 1 Certificate in a technical career OR earn up to 42 Core college credits that can be transferred to any 2-year college or 4-year public university in Texas.
I would like to participate in extracurricular activities such as athletics, band, FFA and possibly others. However, I would like to earn college credit hours that I can use toward an associate degree or bachelor's degree after high school.	High School + 3 – 42 College Credits = Core Complete	Earn your high school diploma and earn 3-42 Core college credits that can be transferred to any 2 year college or 4-year public university in Texas.
I do not plan to participate in extracurricular activities that involves a lot of after school hours but might join a club/organization. I would like to focus on academics and complete an associate degree by the time I graduate.	High School + 60 College Credits = Associate Degree	Earn your high school diploma and an Associate of Arts, Science, or Applied Science. This 2-year degree can be transferred to any 4-year public university in Texas. <i>Must begin this pathway freshman year.</i>

Benefits and Value of Seguin Early College High School:

- The cost of tuition for one traditional 3-hour course at St. Philip's College is \$1231 (Out of Alamo Colleges District Tuition), but all college credit courses at Seguin Early College High School will be FREE to the students and their families.
- Students who successfully complete college courses through the Seguin Early College High School can potentially save thousands of dollars!
- College textbooks can cost from \$100 - \$400 per semester, but students enrolled in college credit courses at Seguin Early College High School will have their textbooks paid for by SISD.
- According to the US Census Bureau, Texans with a college degree can earn nearly twice as much (at least \$50,441) as those with only a high school diploma (\$26,008).
- ALL Seguin ECHS students will have access to a variety of academic support programs to maximize attainment of their educational goals.
- Seguin ECHS college credit courses will expose students to rigorous college-level content.

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

2. Seguin Early College High School (ECHS)

Advancement Via Individual Determination (AVID)

Seguin High School is an AVID site. AVID is a regularly scheduled elective class for state credit available to all ECHS students. Seguin Early College High School Associate Degree Pathway students are required to enroll in AVID classes.

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.

It's not just another program, AVID is a system that:

- Holds students accountable to the highest standards
- Provides academic and social support
- Will make students rise to the challenge

AVID also:

- Teaches skills and behaviors for academic success
- Provides intense support with tutorials and strong student/teacher relationships
- Creates a positive peer group for students
- Develops a sense of hope for personal achievement gained through hard work and determination
- Uses writing as a tool for learning, inquiry, and collaboration.



2. Seguin Early College High School (ECHS)

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/>.

2. Seguin Early College High School (ECHS)

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.

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.

2. Seguin Early College High School (ECHS)

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 (this score will increase to 355 beginning in Fall 2017)
- Writing College Ready Score = Essay score of 5 or higher OR Essay score of 4 with 363 on multiple choice
- Math College Ready Score = 350 (this score will increase to 356 beginning in Fall 2017)

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	Option 1	310	363 w/Essay 4 or Essay 5 alone	No Minimum Score Required
				Option 2	351	310	No Minimum Score Required
MAPS I Methodology of Academic & Personal Success (4121) Grades 10-12	0.5	EDUC 1300: Learning Framework	3	Option 1	310	363 w/Essay 4 or Essay 5 alone	337
				Option 2	351	310	337
Independent Study in Math 1 (YR): College Algebra (2068) Grades 11-12	1.0	MATH 1314: College Algebra	3	351		363 w/Essay 4 or Essay 5 alone	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	6	351		363 w/Essay 4 or Essay 5 alone	350
Scientific Research and Design: Biology (3144) Grades 11-12	1.0	BIOL 1406 & 1407: Biology for Science Majors I & II	6	351		363 w/Essay 4 or Essay 5 alone	343
Anatomy & Physiology (YR) (3031) Grade 12	1.0	BIOL 2401 & 2402: Human Anatomy & Physiology I & II	6	351		363 w/Essay 4 or Essay 5 alone	343

2. Seguin Early College High School (ECHS)

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	363 w/Essay 4 or Essay 5 alone	No Minimum Score Required
Special Topics in Social Studies: Social Psychology (4086) Grades 11-12	0.5	PSYC 2319: Social Psychology	3	351	363 w/Essay 4 or Essay 5 alone	No Minimum Score Required
Music Theory (7319) Grades 9-12	1.0	MUSI 1306: Music Theory	3	College Level in One Area	College Level in One Area	College Level in One Area
English 3 (1080) Grade 11	1.0	ENGL 1301 & 1302: Composition I & II	6	351	363 w/Essay 4 or Essay 5 alone	No Minimum Score Required
English 4 (1199) Grade 12	1.0	ENGL 2322 & 2323: British Lit. I & II	6	351	363 w/Essay 4 or Essay 5 alone	No Minimum Score Required
US Government (4198) Grade 12	0.5	GOVT 2305: Federal Government	3	351	363 w/Essay 4 or Essay 5 alone	No Minimum Score Required
Social Studies Research Methods: Texas Government (4081) Grade 12	0.5	GOVT 2306: Texas Government	3	351	363 w/Essay 4 or Essay 5 alone	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	363 w/Essay 4 or Essay 5 alone	337
US History (4190) Grade 11	1	HIST 1301 & 1302: US History I & II	6	351	363 w/Essay 4 or Essay 5 alone	No Minimum Score Required
Special Topics in Social Studies: Western Civilization (4085) Grade 12	1	HIST 2311 & 2312: Western Civilization I & II	6	351	363 w/Essay 4 or Essay 5 alone	No Minimum Score Required

2. Seguin Early College High School (ECHS)

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	351	363 w/Essay 4 or Essay 5 alone	No Minimum Score Required
ATMA, Year 1 (81361 A/B) Precision Metal Manufacturing I (2.0 credit) Manufacturing Engineering Tech I (1.0 credits)	3.0	MCHN 1302 3 hrs MCHN 1320 3 hrs MCHN 1438 4 hrs TECM 1303 3 hrs MCHN 1270 2 hrs	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 3 hrs ENTC 1305 3 hrs MCHN 1426 4 hrs INMT 2303 3 hrs QCTC 1243 2 hrs	15	TBD	TBD	TBD
ITSA, Year 1 (81166 A/B) Computer Technician Practicum (2.0 credits) Networking (1.0 credit)	3.0	ITSC 1305 3 hrs ITNW 1425 4 hrs ITNW 1392 3 hrs ITSC 1425 4 hrs ITSC 2439 4 hrs ITSC 2364 3 hrs	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 3 hrs ITSE 1311 3 hrs ITNW 1392 3 hrs ITSY 1342 3 hrs	12	TBD	TBD	TBD

3. Course Descriptions

COURSE DESCRIPTIONS

This section contains descriptions for all courses offered at Seguin High School, organized by content area. Courses can be identified by a Seguin ISD Course Code, or “local code,” and a state-issued PEIMS Service ID.

ENGLISH LANGUAGE ARTS

SISD Course Code	Course Title	Grade	Credit	Prerequisite	PEIMS #
1002	English 1	9	1.0		03220100
1009	English 1 PreAP	9	1.0		03220100
1002A	English 1	10	1.0	X	03220107
1022	English 2	10	1.0		03220200
1029	English 2 PreAP	10	1.0		03220200
1022A	English 2	10	1.0	X	03220207
1052	English 3	11	1.0		03220300
1069	English 3 Advanced Placement	11	1.0		A3220100
1080	English 3 Dual Credit	11	1.0	X	03220300
1082	English 4	12	1.0		03220400
1099	English 4 Advanced Placement	12	1.0		A3220200
1199	English 4 Dual Credit	12	1.0	X	03220400
1090	College Prep ELA	12	1.0	X	CP110100
1618	Reading Seminar 1	9-10	1.0	X	84000015
1910	Communications Applications Dual Credit	9-12	0.5	X	03241400
1812	Debate 1	10-12	1.0		03240600
1813	Debate 2	10-12	1.0		03240700
1814	Debate 3	10-12	1.0		03240800
1760	Literary Genres: Mythology	11-12	0.5		03221500
1765	Literary Genres: Bible as Literature	11-12	0.5		03221500
1011	English 1 Speakers of Other Languages (ESOL)	9	1.0	X	03200600
1011A	English 1 Speakers of Other Languages (ESOL)	9	1.0	X	03200607
1031	English 2 Speakers of Other Languages (ESOL)	10	1.0	X	03200700
1031A	English 2 Speakers of Other Languages (ESOL)	10	1.0	X	03200707
1610	Reading ESOL 1	9	1.0	X	03270700
1611	Reading ESOL 2	10	1.0	X	03270800

English 1

Credit: 1.0

Prerequisite: None

SISD Course Number: 1002

Grade: 9

Students will use a variety of strategies to comprehend and analyze literary genres including fiction, drama, poetry, and literary non-fiction, with informational and persuasive writing. Students will use their understanding of literary elements to make thematic connections within a diverse selection of texts. Students will use a process to create written products that communicate insightful ideas effectively using appropriate formats. Research techniques will be implemented throughout the year to expand understanding of topics and concepts. Vocabulary acquisition strategies leading to increasing reading levels will be instilled.

3. Course Descriptions

English 1 PreAP

Credit: 1.0

SISD Course Number: 1009

Grade: 9

Recommended Prerequisite: Grade 8 Pre-AP ELAR

Students will work independently and within a learning community to critically analyze a variety of literary genres including fiction, drama, poetry, and literary non-fiction, with informational and persuasive writing. Students will use their understanding of literary elements to make thematic connections within a diverse and complex selection of texts. Students will articulate increasingly insightful ideas effectively utilizing more sophisticated and appropriate formats. A variety of research techniques will be taught to facilitate independent investigation of concepts and ideas. Vocabulary acquisition strategies leading to increasing comprehension of more complicated texts will be instilled.

English 1

Credit: 1.0

SISD Course Number: 1002A

Grade: 9

Prerequisite: Committee approval required for enrollment.

Students will develop skills in the areas of expressive, receptive, written and/or symbolic representations of language. Attention is given to the ability to communicate effectively within the range of the student's abilities (direct or through assistive devices). Students will integrate language in order to understand oral, written and/or symbolic communication. Oral, written and/or symbolic language will be used to express ideas, needs and inquiries. Communication will be examined in regard to social appropriateness, environmental cues and prompts, understanding generalizations in real life contexts, the responsibilities of independent living and participation in the community.

English 2

Credit: 1.0

SISD Course Number: 1022

Grade: 10

Prerequisite: None

Students will use a variety of strategies to comprehend and analyze literary genres including fiction, drama, poetry, and literary non-fiction, with informational and persuasive writing. Students will use their understanding of literary elements to make thematic connections within a diverse selection of texts that reflect a wide range of cultures and world experiences. Students will use a process to create written products that communicate insightful ideas effectively using appropriate formats. Research techniques will be implemented throughout the year to expand understanding of topics and concepts. Vocabulary acquisition strategies leading to increasing reading levels will be instilled.

Note: This course meets State graduation requirements for communication skills proficiency.

English 2 PreAP

Credit: 1.0

SISD Course Number: 1029

Grade: 10

Recommended Prerequisite: English 1 PreAP

Students will work independently and within a learning community to critically analyze a variety of literary genres including fiction, drama, poetry, and literary non-fiction, with informational and persuasive writing. Students will use their understanding of literary elements to make thematic connections within a diverse and complex selection of texts that reflect a wide range of cultures and world experiences. Students will articulate increasingly insightful ideas effectively utilizing more sophisticated and appropriate formats. A variety of research techniques will be taught to facilitate independent investigation of concepts and ideas. Vocabulary acquisition strategies leading to increasing comprehension of more complicated texts will be instilled.

Note: This course meet State graduation requirements for communication skills proficiency.

3. Course Descriptions

English 2

Credit: 1.0

SISD Course Number: 1022A

Grade: 10

Prerequisite: Committee approval required for enrollment.

This course will assist students in developing skills in the areas of expressive, receptive, written and/or symbolic representations of language. Attention is given to the ability to communicate effectively within the range of the student's abilities (direct or through assistive devices). Students will integrate language in order to understand oral, written and/or symbolic communication. Oral, written and/or symbolic language will be used to express ideas, needs, and inquiries. Communication will be examined in terms of social appropriateness, environmental cues and prompts, understanding generalizations in real life contexts, the responsibilities of independent living and participation in the community.

Note: This course meets State graduation requirements for communication skills proficiency.

English 3

Credit: 1.0

SISD Course Number: 1052

Grade: 11

Prerequisite: None

Students will use a variety of strategies to comprehend and analyze a variety of genres with emphasis on American literature. Students will use their understanding of literary elements to make thematic connections within a diverse selection of texts and present their ideas articulately in a correct and appropriate written format. Students will continue to communicate more complex and insightful ideas effectively using appropriate formats. Vocabulary acquisition strategies leading to increasing reading levels will be instilled. Students will implement effective and thoughtful research strategies to produce a formal research paper with correct documentation of sources and format.

English 3 Advanced Placement

Credit: 1.0

SISD Course Number: 1069

Grade: 11

Recommended Prerequisite: English 2 PreAP

Instruction is rigorous and is designed to prepare college-bound students. Students will work independently and within a learning community to critically analyze a variety of literary genres with emphasis on influential works of American literature. Students will use their understanding of rhetorical strategies and literary elements to analyze and evaluate complex literature. Students will articulate increasingly insightful ideas effectively utilizing more sophisticated and appropriate formats. Vocabulary acquisition strategies leading to increasing comprehension of more complicated texts will be instilled. Students will implement effective and thoughtful research strategies to produce research products with correct documentation of sources and format.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

English 3 Dual Credit

Credit: 1.0

SISD Course Number: 1080

Grade: 11

Prerequisite: Must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College upon completion of the required college paperwork. Students who successfully complete this course receive 6 credit hours from St. Philip's College for the following courses:

ENGL 1301 – Composition 1 and ENGL 1302 – Composition 2

Intensive study of and practice in writing processes and techniques for developing researched-based expository and persuasive texts. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.

3. Course Descriptions

English 4

Credit: 1.0

SISD Course Number: 1082

Grade: 12

Prerequisite: None

Students will use a variety of strategies to comprehend and analyze a variety of genres with emphasis on British literature. Students will use their understanding of literary elements to make thematic connections within a diverse selection of texts and present their ideas articulately in a correct and appropriate written format. Students will continue to communicate more complex and insightful ideas effectively using appropriate formats. Vocabulary acquisition strategies leading to increasing reading levels will be instilled. Students will implement effective and thoughtful research strategies to produce a formal research paper with correct documentation of sources and format.

English 4 Advanced Placement (AP)

Credit: 1.0

SISD Course Number: 1099

Grade: 12

Recommended Prerequisite: English 3 Advanced Placement

Instruction is rigorous and is designed to prepare college-bound students. Students will work independently and within a learning community to critically analyze a variety of literary genres with emphasis on influential works of British and American literature. Students will use their understanding of rhetorical strategies and literary elements to analyze and evaluate complex literature. Students will articulate increasingly insightful ideas effectively utilizing more sophisticated and appropriate formats. Vocabulary acquisition strategies leading to increasing comprehension of more complicated texts will be instilled. Students will implement effective and thoughtful research strategies to produce research products with correct documentation of sources and format.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

English 4 Dual Credit

Credit: 1.0

SISD Course Number: 1199

Grade: 12

Prerequisite: Must meet TSI requirements, see page 16

This is a college-level course that focuses on British Literature. A research paper is required which stresses methodology, organization, and techniques for effective written communication. Students enrolled in this course are dually enrolled at St. Philip's College. Students who successfully complete this course receive 6 credit hours from St. Philip's College for the following courses:

ENGL 2322: British Literature I: A survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

ENGL 2323: British Literature II: A survey of the development of British literature from the Romantic period to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

College Prep ELA

Credit: 1.0

SISD Course Number: 1090

Grade: 12

Prerequisite: Enrollment based on TSI results.

This is a college preparatory course designed to extend the understanding of English Language Arts concepts. The necessary components of grammar, persuasion, and argumentation needed for success in college are reviewed. Application of abstract and analytical thinking skills, advanced vocabulary, and writing skills are stressed. This is a fourth year course focused on those English Language Arts (ELA) skills necessary to pass the ELA placement tests at colleges, technical schools, and area community colleges. This course may satisfy TSI Reading and Writing College Readiness standards for any of the Alamo College at UTSA.

Note: This course does not fulfill state credit requirements for graduation.

3. Course Descriptions

Reading Seminar 1

Credit: 1.0

SISD Course Number: 1618

Grade: 9-12

Prerequisite: Committee approval required for enrollment.

This course uses Tier 3 reading intervention to help students further develop student reading skills. This course may be repeated for a maximum of three credits.

Note: This course does not fulfill state credit requirements for graduation.

Communications Applications Dual Credit

Credit: 0.5

SISD Course Number: 1910

Grade: 9-12

Prerequisite: Must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College. Students who successfully complete this course receive 3 credit hours from St. Philip's College for the following course:

SPCH 1311: Introduction to Speech Communication

This is a college-level course that focuses on theories and practice of communication in interpersonal, small group and public speech. Students learn about communication theory, improve skills in communication with others, and make formal oral presentations.

Note: This is a one semester course.

Debate 1-3

Credit: 1.0

SISD Course Numbers: 1812, 1813, 1814

Grade: 10-12

Prerequisite: None

Students in this course will develop the skills needed to participate in UIL debate events. Studies will include debate formats, logical/critical thinking, reading skills for research, briefing of arguments, interpreting resolutions, construction of affirmative and negative cases, listening to cross examination, evaluation arguments, and presenting debates. Students will be required to enter and attend interscholastic competitions and will be required to attend practice and research sessions outside of school time.

Literary Genres: Mythology

Credit: 0.5

SISD Course Number: 1760

Grade: 11-12

Prerequisite: None

In this comprehensive course students read, write, discuss, research, and create projects in order to explore the patterns, messages, and implications of myths. This course examines the crucial centerpiece of the human quest for order, meaning and significance: myth. Beyond the thorough investigation of major mythic traditions (Greek, Roman, Norse, Egyptian), careful attention is devoted to exploring a "reader's perspective" on myth (critical, "objective," or sympathetic) and major thematic elements. Students draw regular parallels to and applications from the myths of interest.

Note: Students must successfully complete both semester courses to earn 1.0 state credit of Literary Genres.

Literary Genres: Bible as Literature

Credit: 0.5

SISD Course Number: 1765

Grade: 11-12

Prerequisite: None

The course approaches the study of the Hebrew Bible as literature, considering such topics as the history of the texts, imagery, wisdom literature, and various literary motifs such as the hero story, the journey, rite of passage, and reversal. The course will also consider the influence of the Bible in world literature and art.

Note: Students must successfully complete both semester courses to earn 1.0 state credit of Literary Genres.

3. Course Descriptions

English for Speakers of Other Languages(ESOL)

English for Speakers of Other Languages (ESOL) is offered to assist students whose native language is not English in gaining a level of fluency which will enable their completion of a high school education. A maximum of two ESOL English credits may be applied to the 4-credit English requirement for graduation. Additional ESOL courses will be counted as elective credits.

English 1 Speakers of Other Languages (ESOL) SISD Course Number: 1011

Credit: 1.0 Grade: 9

Prerequisite: Placement based on the student's level of English proficiency.

This course teaches the same academic content as English I while supporting English Language Learners in developing interpersonal and academic vocabulary. Initial instruction focuses on listening and speaking, and reading and writing skills are developed simultaneously as the student comprehends and speaks more English.

English 1 Speakers of Other Languages (ESOL) SISD Course Number: 1011A

Credit: 1.0 Grade: 9

Prerequisite: Placement by committee based on the student's level of English proficiency.

This is a supportive functional reading course. Students apply the use of speaking, listening, reading, and writing strategies in order to enhance their knowledge and skills in the processes of reading. Relevant and meaningful applications are used in order to provide context for the use of reading in real life and practical situations.

English 2 Speakers of Other Languages (ESOL) SISD Course Number: 1031

Credit: 1.0 Grade: 10

Prerequisite: ESOL 1

This course teaches the same academic content as English 2 while supporting English Language Learners in developing interpersonal and academic vocabulary. This is a course dedicated to vocabulary development in content areas through whole language approach. Communicative skills are stressed.

English 2 Speakers of Other Languages (ESOL) SISD Course Number: 1031A

Credit: 1.0 Grade: 10

Prerequisite: Committee approval required for enrollment.

This is a supportive functional reading course. Students apply the use of speaking, listening, reading, and writing strategies in order to enhance their knowledge and skills in the processes of reading. Relevant and meaningful applications are used in order to provide context for the use of reading in real life and practical situations.

Reading ESOL 1 and 2

SISD Course Number: 1610, 1611

Credit: 1.0 Grade: 9

Prerequisite: Placement based on the student's level of English proficiency.

This beginner through intermediate-level ESOL course focuses on understanding and interpreting reading selections related to a thematic unit covered in ESOL-I and ESOL-2, which are taken in conjunction with this course, to develop reading skills necessary for basic skill test and mainstream course work. Research projects and development of study skills are important aspects of this course.

3. Course Descriptions

MATHEMATICS

SISD Course Code	Course Title	Grade	Credit	Prerequisite	PEIMS #
2003	Algebra 1	9-12	1.0		03100500
2003A	Algebra 1	9-12	1.0	X	03100507
2023	Geometry	9-12	1.0	X	03100700
2029	Geometry PreAP	9-12	1.0	X	03100700
2053	Algebra 2	9-12	1.0	X	03100600
2059	Algebra 2 PreAP	9-12	1.0	X	03100600
2061	Math Models	11-12	1.0	X	03102400
2018	Advanced Quantitative Reasoning (AQR)	11-12	1.0	X	03102510
2062	Precalculus	11-12	1.0	X	03101100
2064	Precalculus PreAP	11-12	1.0	X	03101100
2099	Calculus AB Advanced Placement	11-12	1.0	X	A3100101
2098	Statistics Advanced Placement	11-12	1.0	X	A3100200
2122	Computer Science A Advanced Placement	11-12	1.0	X	A3580100
2068	Indep. Studies in Math 1 (YR) Dual Credit: College Algebra	11-12	1.0	X	03102500
2070/ 2071	Indep. Studies in Math 1 or 2 (YR) Dual Credit: Precalculus	11-12	1.0	X	03102500/ 03102501
2090	Math College Prep	12	1.0	X	CP111200
2007	Algebraic Reasoning	9-12	1.0	X	03102540

Algebra 1

Credit: 1.0

Prerequisite: None

SISD Course Number: 2003

Grade: 9-12

Algebra I provides students insights through the content strands of linear functions, equations, and inequalities, quadratic functions and equations, exponential functions and equations, and number and algebraic methods. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

Algebra 1

Credit: 1.0

Prerequisite: Committee approval required for enrollment.

SISD Course Number: 2003A

Grade: 9-12

This course is designed to reinforce math operations using a variety of practical, real life situations that facilitate the understanding of using mathematics in daily living exercises. Emphasis is on applying mathematics in the use of money, personal financial situations and solving home and work problems by using the concepts of fundamental mathematics. Students practice these strategies within the context of simulations designed to reinforce the understanding of basic operations, as well as the application of these operations within technological tools that enhance understanding and accuracy.

3. Course Descriptions

Geometry

Credit: 1.0

SISD Course Number: 2023

Grade: 9-12

Prerequisite: Algebra I

In Geometry, students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs.

Geometry PreAP

Credit: 1.0

SISD Course Number: 2029

Grade: 9-12

Prerequisite: Algebra I

This course provides a more in-depth experience in the concepts of Geometry. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability.

Algebra 2

Credit: 1.0

SISD Course Number: 2053

Grade: 9-12

Prerequisite: Algebra I

In Algebra 2, students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods.

Algebra 2 PreAP

Credit: 1.0

SISD Course Number: 2059

Grade: 9-12

Prerequisite: Algebra I

This course provides a more in-depth experience in the concepts of Algebra 2. In Algebra 2, students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods.

Math Models

Credit: 1.0

SISD Course Number: 2061

Grade: 11-12

Prerequisite: Algebra I

In mathematical models with applications, students will use a mathematical modeling cycle to analyze problems, understand problems better, and improve decisions. Students will also learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions.

Advanced Quantitative Reasoning (AQR)

Credit: 1.0

SISD Course Number: 2018

Grade: 11-12

Prerequisite: Geometry, Algebra II

Advanced Quantitative Reasoning includes the analysis of information using statistical methods and probability, modeling change and mathematical relationships, and spatial and geometric modeling for

3. Course Descriptions

mathematical reasoning. Students will develop and apply reasoning, planning, and communication to make decisions and solve problems in applied situations involving numerical reasoning, probability, statistical analysis, finance, mathematical selection, and modeling with algebra, geometry, trigonometry, and discrete mathematics.

Precalculus

Credit: 1.0

SISD Course Number: 2062

Grade: 11-12

Prerequisite: Geometry, Algebra II

Precalculus is designed to provide a firm foundation for high-level mathematics courses. Topics in this college-preparatory course include functions and their graphs, conics, trigonometric identities and equations, vectors, periodic functions, trigonometric and analytic applications, concept of infinity and limit, concepts of reasoning, and logic for use with proofs.

Precalculus PreAP

Credit: 1.0

SISD Course Number: 2064

Grade: 11-12

Prerequisite: Geometry, Algebra II

This course provides more in-depth experience in the concepts of Precalculus. Precalculus is designed to provide a firm foundation for high-level mathematics courses. Topics in this college-preparatory course include functions and their graphs, conics, trigonometric identities and equations, vectors, periodic functions, trigonometric and analytic applications, concept of infinity and limit, concepts of reasoning, and logic for use with proofs. The next course is usually Calculus.

Calculus AB Advanced Placement (AP)

Credit: 1.0

SISD Course Number: 2099

Grade: 11-12

Prerequisite: Precalculus

This course is designed to form a solid mathematics foundation that students will need as they enter college. In this course, students will study four major areas during the year: limits, derivatives, indefinite integrals, and definite integrals. As students develop the concepts, they will learn how the mechanics go along with the topics.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

Statistics Advanced Placement (AP)

Credit: 1.0

SISD Course Number: 2098

Grade: 10-12

Recommended Prerequisite: Geometry, Algebra II

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data, Sampling and Experimentation, Anticipating Patterns, and Statistical Inference.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

Computer Science A Advanced Placement (AP)

Credit: 1.0

SISD Course Number: 2122

Grade: 11-12

Prerequisite: Algebra II or co-enrollment in Algebra II

Recommended Prerequisite: Computer Science 1

Students will use the Java programming language to solve problems from a variety of different subject areas. Students will also learn basics of computer hardware and software, as well as responsible use of these systems. Due to the extensive use of computers that is required, students will need to have access to a computer outside of regular school hours.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

3. Course Descriptions

Independent Studies In Mathematics 1 (YR) Dual Credit: SISD Course Number: 2068
College Algebra
Credit: 1.0

Prerequisite: Algebra II, must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College. Students who successfully complete this course receive 3 credit hours from St. Philip's College for the following course:

MATH 1314: College Algebra

This is a college-level course that provides an in-depth study and application of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

Independent Studies In Mathematics 1 or 2 (YR) SISD Course Number: 2070/2071
Dual Credit: Precalculus
Credit: 1.0

Prerequisite: Algebra II, must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College. Students who successfully complete this course receive 6 credit hours from St. Philip's College for the following courses:

MATH 1414: College Algebra (Precal Track) and MATH 2412: Precalculus

This two-course sequence includes in-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices, as well as a combined study of algebra, trigonometry, and other topics for calculus readiness.

Math College Prep SISD Course Number: 2090
Credit: 1.0
Grade: 12

Prerequisite: Enrollment based on TSI results.

This course addresses a variety of mathematical topics needed to prepare students to be successful in college-level mathematics. Students will connect and use multiple strands of mathematics in situations and problems, as well as other disciplines. This is a fourth year course focused on those Math skills necessary to pass the Math placement tests at colleges, technical schools, and area community colleges. This course may satisfy TSI Reading and Writing College Readiness standards for any of the Alamo College at UTSA.

Algebraic Reasoning SISD Course Number: 2007
Credit: 1.0
Grade: 9-12

Prerequisite: Algebra I

This course builds on the knowledge and skills for mathematics leading up to and including Algebra I, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

3. Course Descriptions

SCIENCE

SISD Course Code	Course Title	Grade	Credit	Prerequisite	PEIMS #
3022	Integrated Physics and Chemistry (IPC)	9-10	1.0		03060201
3002	Biology	9-12	1.0		03010200
3009	Biology Pre AP	9-12	1.0		03010200
3002A	Biology	9-12	1.0	X	03010207
3042	Chemistry	10-12	1.0	X	03040000
3049	Chemistry Pre AP	10-12	1.0	X	03040000
3069	Chemistry Advanced Placement	11-12	1.0	X	A3040000
3072	Physics	11-12	1.0	X	03050000
3079	Physics Pre AP	11-12	1.0	X	03050000
3004	Earth Space Science	11-12	1.0	X	03060200
3023	Environmental Systems	11-12	1.0	X	03020000
3025	Environmental Science Advanced Placement	11-12	1.0	X	A3020000
3143	Scientific Research & Design: Epidemiology	11-12	1.0	X	13037200
80831	Anatomy & Physiology	11-12	1.0		13020600
3024	Medical Microbiology	11-12	1.0		13020700
3026	Pathophysiology	11-12	1.0		13020800
81223	Forensic Science	11-12	1.0	X	13029500
3144	Scientific Research & Design Biology for Science Majors Dual Credit	11-12	1.0	X	13037200
3031	Anatomy & Physiology (YR) Dual Credit	12	1.0	X	13020600

Integrated Physics And Chemistry

SISD Course Number: 3022

Credit: 1.0

Grade: 9-10

Prerequisite: None

In IPC, students conduct laboratory and field investigations, use scientific method during investigations, and make informed decisions using critical thinking and scientific problem solving. This course integrates the concepts of physics and chemistry using practical applications relating to topics such as: force, motion, energy, and matter.

Note: This course does not count towards a STEM endorsement.

Biology

SISD Course Number: 3002

Credit: 1.0

Grade: 9-12

Prerequisite: None

This course provides a study of life including origin, structure, reproduction, growth, and development of living organisms. Areas of study will include the structure and functions of cells, microorganisms, and plants; animal observation, measurement, classification, prediction, and reporting skills will be emphasized. Additionally, students will receive instruction in cardiopulmonary resuscitation (CPR) as outlined in Texas Education Code §74.38. Dissections may be a part of the curriculum.

3. Course Descriptions

Biology PreAP

Credit: 1.0

Prerequisite: None

SISD Course Number: 3009

Grade: 9-12

This advanced version of Biology I includes all elements of that course. Instruction is at a faster pace, which permits investigation of topics at a greater depth. Six major out-of-class projects will be required. Analysis questions will be included on all tests. Dissections may be a part of the curriculum. Additionally, students will receive instruction in cardiopulmonary resuscitation (CPR) as outlined in Texas Education Code §74.38.

Biology

Credit: 1.0

Prerequisite: Committee approval required for enrollment.

SISD Course Number: 3002A

Grade: 9-12

The Alternate Science course studies science-based concepts related specifically to independent daily living and employment. Attention is given to relating science to home and job practices that foster the understanding of students' roles and responsibilities in the care and operation of both facilities. Activities are "hands-on" experiences with an emphasis on cooperative learning strategies. Additionally, students will receive instruction in cardiopulmonary resuscitation (CPR) as outlined in Texas Education Code §74.38.

Chemistry

Credit: 1.0

Prerequisite: Biology, Algebra I, Geometry or concurrent enrollment in Geometry

SISD Course Number: 3042

Grade: 10-12

This course covers the study of matter in a traditional manner. Topics include the properties of matter, atomic structure, chemical bonding, stoichiometry, and quantum mechanics with an emphasis on high level math. Laboratory procedures, classification and measurement skills, predicting outcomes, and applications of chemistry in daily life will be emphasized. This fulfills one credit of the science requirement for all graduation plans and for college.

Chemistry PreAp

Credit: 1.0

Prerequisite: Biology or Pre-AP Biology, Algebra I, Geometry or concurrent enrollment in Geometry or Algebra 2

SISD Course Number: 3049

Grade: 10-12

This preparation course for Chemistry AP includes all the elements of Chemistry I as well as prepares the student for Chemistry AP and/or a rigorous college-level chemistry course. Instruction is at a faster pace, which permits investigation of topics at a greater depth. In addition, major emphasis will be placed on an independent research project, which includes project selection, literature search, experimental design, data collection, data analysis, and presentation of findings.

Chemistry Advanced Placement (AP)

Credit: 1.0

Recommended Prerequisite: Chemistry or Chemistry PreAP, Algebra II or concurrent enrollment in Algebra II

SISD Course Number: 3069

Grade: 11-12

This course is comparable to a first-year college-level chemistry course. Students use a college text and perform advanced laboratory investigations. The curriculum includes topic such as: kinetics, reaction equilibrium, intermolecular forces, chemical reactions, and more complex laboratory experiences.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

3. Course Descriptions

Physics

Credit: 1.0

SISD Course Number: 3072

Grade: 11-12

Prerequisite: Algebra II or concurrent enrollment in Algebra II

This course provides an in-depth investigation of the relationship between matter and energy. Students will perform calculations and laboratory investigations on topics including motion, forces, work, waves, sound, light, and electrical and nuclear energy. The course is math intensive.

Physics PreAP

Credit: 1.0

SISD Course Number: 3079

Grade: 11-12

Prerequisite: Algebra II or concurrent enrollment in Algebra II

The advanced version of Physics I includes all the elements of that course. Emphasis will be placed on the formulation of models used to solve problems. In addition, major emphasis will be placed on an independent research project which includes project selection, literature search, experimental design, data collection, data analysis, and presentation of findings.

Earth and Space Science

Credit: 1.0

SISD Course Number: 3004

Grade: 11-12

Prerequisite: Biology, IPC/Chemistry and one advanced Science that can be taken concurrently AND Algebra I, Geometry and Math Models/Algebra II that can be taken concurrently.

This course is designed to build students' prior scientific and academic knowledge and skills to develop an understanding of Earth's system in space and time. Students will investigate Earth through each of its spheres and then investigate space in relation to Earth. Topics include Earth's 5 spheres, plate tectonics, the fossil record, natural resources, the solar system, and the universe. Students will be required to complete various projects, class presentations, work individually, and work in teams.

Environmental Systems

Credit: 1.0

SISD Course Number: 3023

Grade: 11-12

Prerequisite: Biology, Chemistry/Physics or IPC.

This science course will introduce students to major ecological concepts and environmental problems that affect the world in which they live. The course is designed as a fourth-year science course. Topics include: history of environmental systems, earth systems, resources, population dynamics, ecosystem changes, and ethics. Field trips may require payment of fees. College level text is utilized.

Environmental Science Advanced Placement (AP) **SISD Course Number: 3025**

Credit: 1.0

Grade: 11-12

Recommended Prerequisite: Algebra I, two years of high school laboratory science including one year of life science and one year of physical science.

Advanced Placement (AP) Environmental Science is the equivalent to a college environmental science course. The course covers earth systems and resources, the living world, population, land and water use, energy resources and consumption, pollution, and global change. Focuses on advanced inquiry-based laboratory investigations to apply scientific principles, concepts, and methodologies in order to better understand our understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply..

3. Course Descriptions

Scientific Research and Design: Epidemiology

SISD Course Number: 3143

Credit: 1.0

Grade: 11-12

Prerequisite: One year of high school science (Biology and Chemistry recommended)

This course introduces the basic principles and methods of epidemiology, with an emphasis on critical thinking and analytical skills and carries potential applications to clinical practice and research. Topics include active monitoring of public health issues, quantitative study design, outcome measures, data analysis methods, adherence to ethical research guidelines, and methods of intervention. Students will be eligible to compete in the HOSA Emergency Preparedness competition. Students will also be required to research, design, and conduct their own epidemiological study of the population of Seguin High School, analyze their data, draw conclusions, and develop intervention strategies based on their data and population. Final projects will be reviewed by a panel of professionals from the local community.

Anatomy & Physiology

SISD Course Number: 80831

Credit: 1.0

Grade: 11-12

Recommended Prerequisite: Biology and Chemistry

Anatomy and Physiology is an advanced science course designed to extend the concepts of biology to a study of human anatomy and physiology. The course will be laboratory oriented. A college-level textbook is used in the course.

Medical Microbiology

SISD Course Number: 3024

Credit: 1.0

Grade: 11-12

Recommended Prerequisite: Biology and Chemistry

Students in Medical Microbiology explore the microbial world, studying topics such as pathogenic and non-pathogenic microorganisms, laboratory procedures, identifying microorganisms, drug resistant organisms, and emerging diseases.

Pathophysiology

SISD Course Number: 3026

Credit: 1.0

Grade: 11-12

Recommended Prerequisite: Biology and Chemistry

In Pathophysiology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in this course study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of disease. Students will also differentiate between normal and abnormal physiology.

Forensic Science

SISD Course Number: 81223

Credit: 1.0

Grade: 11-12

Prerequisite: Biology, Chemistry

This course uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis.

3. Course Descriptions

Scientific Research and Design Dual Credit:

SISD Course Number: 3144

Biology for Science Majors

Grade: 11-12

Credit: 1.0

Prerequisite: One year of high school science (Biology and Chemistry recommended); must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College. Students who successfully complete this course receive 6 credit hours per semester from St. Philip's College for the following courses:

BIOL 1406 and 1407: Biology for Science Majors I&II

This course covers the fundamental principles of living organisms including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of reproduction, genetics, ecology, and the scientific method are included. Learning outcomes include the history and philosophy of the science of biology, basic chemistry, cellular structure and function, energetics, genetics, evolution, taxonomy and survey of the kingdoms is covered. Laboratory exercises will complement lecture topics.

Note: Students must take both semesters to earn 1.0 high school science credit.

Anatomy & Physiology (YR) Dual Credit

SISD Course Number: 3031

Credit: 1.0

Grade: 12

Prerequisite: Must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College. Students who successfully complete this course receive 6 credit hours per semester from St. Philip's College for the following courses:

BIOL 2401 and 1402: Human Anatomy & Physiology I & II

This two-course sequence involves the study of the structure and function of the human body. Including cells, tissues, organs, and the following systems: endocrine, digestive, respiratory, cardiovascular, lymphatic, genitourinary and reproductive.

3. Course Descriptions

SOCIAL STUDIES

SISD Course Code	Course Title	Grade	Credit	Prerequisite	PEIMS #
4022	World Geography	9	1.0		03320100
4029	World Geography PreAP	9	1.0		03320100
4032	World History	10	1.0		03340400
4039	World History Advanced Placement	10	1.0		A3370100
4002	US History	11	1.0		03340100
4002A	US History	11	1.0	X	03340107
4190	US History Dual Credit	11	1.0	X	03340100
4019	US History Advanced Placement	11-12	1.0		A3340100
4052	US Government	12	0.5		03330100
4198	US Government Dual Credit	12	0.5	X	03330100
4069	US Government Advanced Placement	12	0.5		A3330100
4072	Economics	12	0.5		03310300
4199	Economics Dual Credit	12	0.5	X	03310300
4092	Macroeconomics Advanced Placement	12	0.5		A3310200
4125	Psychology	11-12	0.5		03350100
4126	Psychology Advanced Placement	11-12	1.0		A3350100
4128	Psychology Dual Credit	11-12	0.5	X	03350100
4124	Sociology	11-12	0.5		03370100
4123	Personal Financial Literacy	10-12	0.5		03380082
4086	Special Topics in Social Studies 1 Dual Credit: Social Psychology	11-12	0.5	X	03380002
4081	Social Studies Research Methods 1 Dual Credit: TX Government	12	0.5	X	03380003
4085	Special Topics in Social Studies 1 Dual Credit: Western Civilizations	12	1.0	X	03380002

World Geography Studies

Credit: 1.0

Prerequisite: None

This course is designed to acquaint the student with the physical and cultural geography of the earth and its impact on historical and contemporary events. Students will explore the five major geographic themes, geographic terminology, the physical setting of the earth, and the world's regions and cultures. Primary and secondary source materials, reading and writing skills, technology, and critical thinking will be used to acquire and apply information.

SISD Course Number: 4022

Grade: 9

World Geography Studies PreAP

Credit: 1.0

Recommended Prerequisite: Pre-AP US History Grade 8

Pre-AP World Geography Studies extends the regular World Geography Studies course by including a more in-depth study of physical, cultural, and political geography. Students will analyze information from a variety of primary and secondary sources to draw conclusions as to how geography influences the political, social, and economic structures within each country and region studied.

SISD Course Number: 4029

Grade: 9

3. Course Descriptions

World History Studies

Credit: 1.0

SISD Course Number: 4032

Grade: 10

Prerequisite: None

This course provides students an overview of the history of humankind. Traditional historical points of reference in World History are identified as students analyze important events and issues from earliest times to the present using primary and secondary source materials, reading and writing skills, technology, and critical thinking.

World History Advanced Placement (AP)

Credit: 1.0

SISD Course Number: 4039

Grade: 10

Recommended Prerequisite: Pre-AP World Geography

Advanced Placement World History covers the major themes of world history from Ancient Greece to the Twentieth Century, tracing the historical development of human cultures. This is an advanced level course that requires outside reading, writing and research and emphasizes critical thinking skills, SAT vocabulary, and analytical reading.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

United States History Since 1877

Credit: 1.0

SISD Course Number: 4002

Grade: 11

Prerequisite: None

This course traces the emergence and growth of the United States following Reconstruction to the present. Topics include the emergence of the U.S. as a world power, geographical influence on historical events, the economic growth and development of the U.S., social and cultural developments within the country, and the evolution of political processes since the Civil War. Primary and secondary source materials, reading and writing skills, technology, and critical thinking will be used to acquire and apply information.

United States History Since 1877

Credit: 1.0

SISD Course Number: 4002A

Grade: 11

Prerequisite: Committee approval required for enrollment.

This course focuses on U.S. history from Reconstruction to the present. Students analyze major themes and events in U.S. history, leaders, economic and political institutions, technological innovations, and the philosophies that affect the United States today.

United States History Dual Credit

Credit: 1.0

SISD Course Number: 4190

Grade: 11

Prerequisite: Must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College. Students who successfully complete this course receive 6 credit hours from St. Philip's College for the following courses:

HIST 1301: US History I and HIST 1302: US History II

This is a survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the present. Themes that may be addressed include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.

3. Course Descriptions

United States History Advanced Placement (AP) **SISD Course Number: 4019**

Credit: 1.0

Grade: 11

Recommended Prerequisite: World History Advanced Placement (AP)

Advanced Placement (AP) U.S. History is a fast-paced history class that covers the following eight historical periods: Revolution and Constitution, the Jacksonian Era, the Civil War and Reconstruction, the Populist and Progressive Movements, World War I, the Great Depression and the New Deal, World War II, and International and Domestic Developments in the post-World War II Era. This is an advanced level course that requires outside reading, writing and research and emphasizes critical thinking skills, SAT vocabulary, and analytical reading.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

United States Government

SISD Course Number: 4052

Credit: 0.5

Grade: 9-12

Prerequisite:

This course is designed to provide an understanding of the functions of federal, state, and local governments. Major focus is placed on the Constitution and its influence on all governmental levels and the rights and responsibilities of American citizenship.

Note: This is a one semester course.

United States Government Dual Credit

SISD Course Number: 4198

Credit: 0.5

Grade: 11-12

Prerequisite: Must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College upon completion of the required college paperwork. Students who successfully complete this course receive 3 credit hours from St. Philip's for the following course:

GOVT 2305: Federal Government

This college level course focuses on the following aspects of United States government: origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.

Note: This is a one semester course.

U.S. Government and Politics

SISD Course Number: 4069

Advanced Placement (AP)

Grade: 12

Credit: 0.5

Recommended Prerequisite: US History Dual Credit or US History Advanced Placement (AP)

This course offers an analytical perspective on government and politics in the United States, involving the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. political reality. This class requires extensive outside reading, research and writing.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply. This is a one semester course.

3. Course Descriptions

Economics with Emphasis on the Free Enterprise System and Its Benefits **SISD Course Number: 4072**
Credit: 0.5 **Grade: 12**
Prerequisite: None

This course focuses on the basic principles concerning production, consumption, and distribution of goods and services in the United States and a comparison with those in other countries around the world. Students will use primary and secondary source materials, technology, and critical thinking skills to better understand the free enterprise system and its benefits.

Note: This is a one semester course.

Economics Dual Credit **SISD Course Number: 4199**
Credit: 0.5 **Grade: 12**
Prerequisite: Must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College upon completion of the required college paperwork. Students who successfully complete this course receive 3 credit hours from St. Philip's College for the following course:

ECON 2301: Principles of Macroeconomics

This college-level course is a survey of microeconomic and macroeconomic principles for non-business majors. Microeconomic topics will include supply and demand, consumer behavior, price and output decisions by firms under various market structures, factor markets, market failures, international trade, and exchange rates. Macroeconomic topics will include national income, unemployment, inflation, business cycles, aggregate supply and demand, monetary and fiscal policy, and economic growth. Students use the tools and methods of economic analysis, data analysis, and formal research and writing projects.

Note: This is a one semester course.

Macroeconomics Advanced Placement (AP) **SISD Course Number: 4092**
Credit: 0.5 **Grade: 12**

Recommended Prerequisite: US History Advanced Placement (AP) or United States History Dual Credit

The purpose of this course is to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers--consumers and producers--within the larger economical system. It places primary emphasis on the nature and function of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. This class requires extensive outside reading, research and writing.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply. This is a one semester course.

Psychology **SISD Course Number: 4125**
Credit: 0.5 **Grade: 11-12**
Prerequisite: None

In this course, students will learn the basic terms, methods, and applications of psychology. They will have opportunities to study the historical development of the field of psychology; consider the development of the individual and personality; and to study various topics including emotion, motivation, learning and dysfunctional behavior.

Note: This is a one semester course.

3. Course Descriptions

Psychology Advanced Placement (AP)

Credit: 1.0

SISD Course Number: 4126

Grade: 11-12

Recommended Prerequisite: Previously taken Advanced Placement (AP) or Dual Credit Social Studies course

In this course, students will survey and develop an understanding of the major topics of psychology. Topics to be studied will include: learning, thinking, motivation, emotion, personality, the senses, perception, and the form and functions of the nervous system. This class requires extensive outside reading, research and writing.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

Psychology Dual Credit

Credit: 0.5

SISD Course Number: 4128

Grade: 11-12

Prerequisite: Must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College upon completion of the required college paperwork. Students who successfully complete this course receive 3 credit hours from St. Philip's College for the following course:

PSYC 2301: General Psychology

This college credit elective course provides a survey of major topics in psychology and introduces the study of behavior and the factors that determine and affect behavior and mental processes. Students will identify various research methods and their characteristics used in the scientific study of psychology along with the historical influences and early schools of thought that shaped the field of psychology. Students will also identify terminology unique to the study of psychology and understand accepted approaches and standards in psychological assessment and evaluation as well as identify factors in physiological and psychological processes involved in human behavior.

Note: This is a one semester course.

Sociology

Credit: 0.5

SISD Course Number: 4124

Grade: 11-12

Prerequisite: None

This elective course is designed to provide an introduction to the structure, attitudes, and behavior of social groups and institutions. Emphasis is placed on contemporary social problems and their effects on people and cultures. Using case studies, current events, research, and primary documents, students will study components of culture, history of sociology, research methods, social structure, stratification, the socializing process, deviant social control, and social movements.

Note: This is a one semester course.

Personal Financial Literacy

Credit: 0.5

SISD Course Number: 4123

Grade: 10-12

Prerequisite: None

This elective course is designed to develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. This course is designed to be an interactive and research-based course and includes instruction in methods of paying for college and other postsecondary education and training along with completing the application for federal student aid provided by the U.S. Department of Education (FAFSA).

Note: This is a one semester course.

3. Course Descriptions

Special Topics in Social Studies 1 Dual Credit: **SISD Course Number: 4086**
Social Psychology **Grade: 11-12**
Credit: 0.5

Prerequisite: Must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College upon completion of the required college paperwork. Students who successfully complete this course receive 3 credit hours from St. Philip's College for the following course:

PSYC 2319: Social Psychology

This course includes the study of individual behavior within the social environment. May include topics such as the socio-psychological process, attitude formation and change, interpersonal relations, and group processes.

Note: This is a one semester course.

Social Studies Research Methods 1 Dual Credit: **SISD Course Number: 4081**
Texas Government **Grade: 12**
Credit: 1.0

Prerequisite: Must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College upon completion of the required college paperwork. Students who successfully complete this course receive 3 credit hours from St. Philip's College for the following courses:

GOVT 2306: Texas Government

This course will address the origin and development of the Texas constitution, structure, and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas.

Special Topics in Social Studies 1 Dual Credit: **SISD Course Number: 4085**
Western Civilizations **Grade: 11-12**
Credit: 1.0

Prerequisite: Must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College upon completion of the required college paperwork. Students who successfully complete this course receive 6 credit hours from St. Philip's College for the following courses:

HIST 2311&2312: Western Civilization I&II

This course will provide a survey of the social, political, economic, cultural, religious, and intellectual history of Europe and the Mediterranean world from human origins to the modern era.

3. Course Descriptions

PHYSICAL EDUCATION, ATHLETICS, AND SPORTS MEDICINE

SISD Course Code	Course Title	Grade	Credit	Prerequisite	PEIMS #
5001	Foundations of Personal Fitness: Skating	9-12	0.5		PES00052
5003	Foundations of Personal Fitness: Cross Training	9-12	0.5		PES00052
5006	Individual Sports	9-12	0.5		PES00055
5105	Aerobic Activities	9-12	0.5		PES00054
5114	Adventure/Outdoor Education	9-12	0.5		PES00053
5226, 5236, 5286, 5296	Tennis I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
5213, 5253, 5263, 5273	Cross Country I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
5214, 5254, 5264, 5274	Golf I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
5215, 5255, 5265, 5275	Boys Soccer I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
5216, 5256, 5266, 5276	Girls Soccer I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
5212, 5252, 5262, 5272	Baseball I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
5210, 5220, 5230, 5250	Softball I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
5222, 5227, 5242, 5292	Football I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
5223, 5233, 5243, 5293	Volleyball I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
5224, 5234, 5244, 5294	Boys Basketball I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
5225, 5235, 5245, 5295	Girls Basketball I-IV	9-12	1.0	X	PES00000, PES00001, PES00002, PES00003
5306	Freshman Cheerleader	9	1.0	X	PES00013
5305	JV Cheerleaders	10-11	1.0	X	PES00013
5304	Varsity Cheerleaders	11-12	1.0	X	PES00013
5246	Sports Medicine I	10-12	1.0	X	N1150040
5247	Sports Medicine II	10-12	1.0	X	N1150041
5248	Sports Medicine III	11-12	1.0	X	N1150044

3. Course Descriptions

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.

General Physical Education Courses

Foundations of Personal Fitness: Skating

Credit: 0.5

Prerequisite: None

This course is designed to motivate students to strive for lifetime personal fitness with an emphasis on health and wellness. Students improve their fitness within the class and learn the process of becoming fit and staying fit. This class will specifically focus on the sport of skating as a life-long form of physical activity.

Note: This is a one semester course.

SISD Course Number: 5001

Grade: 9-12

Foundations of Personal Fitness: Cross Training

Credit: 0.5

Prerequisite: None

This course is designed to motivate students to strive for lifetime personal fitness with an emphasis on health and wellness. Students improve their fitness within the class and learn the process of becoming fit and staying fit. This class will specifically focus on Cross-Training and weights as a life-long form of physical activity.

Students will have the opportunity to experience workouts using various equipment such as Swiss Balls, resistance bands, free weights, medicine balls, and jump ropes during the semester.

Note: This is a one semester course.

SISD Course Number: 5003

Grade: 9-12

Individual Sports

Credit: 0.5

Prerequisite: None

Students enrolled in the Individual Sports course will improve their health and fitness while developing competency in Bowling, Table Tennis, Badminton, Disc Golf, and other activities as available. Individual Sports focuses on incorporating wellness into an active lifestyle beyond high school.

Note: This is a one semester course.

SISD Course Number: 5006

Grade: 9-12

3. Course Descriptions

Aerobic Activities

Credit: 0.5

Prerequisite: None

Students in the Aerobic Activities course are exposed to a wide variety of activities including circuit training, Pilates, resistance training, basic yoga, and walk/jog activities to promote health and fitness.

Note: This is a one semester course.

SISD Course Number: 5105

Grade: 9-12

Adventure/Outdoor Education

Credit: 0.5

Prerequisite: None

This course provides an introduction to a variety of lifetime outdoor activities including canoeing, camping, backpacking, firearm safety, rappelling, bicycling, archery, ropes course, rock climbing, and outdoor cooking.

Note: Parent permission is required to participate in this course.

Note: This is a one semester course.

SISD Course Number: 5114

Grade: 9-12

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.

Tennis I-IV

Credit: 1.0

SISD Course Number: 5226, 5236, 5286, 5296

Grade: 9-12

Cross Country I-IV

Credit: 1.0

SISD Course Number: 5213, 5253, 5263, 5273

Grade: 9-12

Golf I-IV

Credit: 1.0

SISD Course Number: 5214, 5254, 5264, 5274

Grade: 9-12

Boys Soccer I-IV

Credit: 1.0

SISD Course Number: 5215, 5255, 5265, 5275

Grade: 9-12

Girls Soccer I-IV

Credit: 1.0

SISD Course Number: 5216, 5256, 5266, 5276

Grade: 9-12

Baseball I-IV

Credit: 1.0

SISD Course Number: 5212, 5252, 5262, 5272

Grade: 9-12

Softball I-IV

Credit: 1.0

SISD Course Number: 5210, 5220, 5230, 5250

Grade: 9-12

Football I-IV

Credit: 1.0

SISD Course Number: 5222, 5227, 5242, 5292

Grade: 9-12

Volleyball I-IV

Credit: 1.0

SISD Course Number: 5223, 5233, 5243, 5293

Grade: 9-12

3. Course Descriptions

Boys Basketball I-IV

Credit: 1.0

SISD Course Number: 5224, 5234, 5244, 5294

Grade: 9-12

Girls Basketball I-IV

Credit: 1.0

SISD Course Number: 5225, 5235, 5245, 5295

Grade: 9-12

Swimming

Credit: N/A

SISD Course Number: N/A

Grade: 9-12

Note: This course meets outside regular school hours. Interested students should meet with the head coach.

Freshman Cheerleaders

Credit: 1.0

SISD Course Number: 5306

Grade: 9

Prerequisite: Freshman Cheerleaders are selected by a panel of judges.

Freshman cheerleaders perform at freshman sporting events and represent SHS in competition.

Note: Parent permission and fees of approximately \$600 are required. Per state guidelines, students are NOT allowed to take both cheerleading and athletics in the same semester. See your coach, sponsor, and counselor for details.

Junior Varsity (JV) Cheerleaders

Credit: 1.0

SISD Course Number: 5305

Grade: 10-11

Prerequisite: Junior Varsity Cheerleaders are selected by a panel of judges.

Cheerleaders perform at most sporting events and represent SHS in competition with other 5A schools.

Note: Parent permission and fees of approximately \$600 are required. Per state guidelines, students are NOT allowed to take both cheerleading and athletics in the same semester. See your coach, sponsor, and counselor for details. Students may earn 1.0 credit of PE Substitution Cheerleading to meet State graduation requirements. Additional credits will count as elective credit.

Varsity Cheerleaders

Credit: 1.0

SISD Course Number: 5304

Grade: 11-12

Prerequisite: Varsity Cheerleaders are selected by a panel of judges.

Cheerleaders perform at most sporting events and represent SHS in competition with other 5A schools.

Note: Parent permission and fees of approximately \$600 are required. Per state guidelines, students are NOT allowed to take both cheerleading and athletics in the same semester. See your coach, sponsor, and counselor for details. 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.

Sports Medicine I

Credit: 1.0

SISD Course Number: 5246

Grade: 10-12

Prerequisite: Prior approval by the Athletic Trainer

Recommended Prerequisite: Medical Terminology and Principles of Health Science

This course is an introduction to athletic training. It includes the basics of athletic training procedures, first aid and CPR.

3. Course Descriptions

Sports Medicine II

SISD Course Number: 5247

Credit: 1.0

Grade: 10-12

Prerequisite: Sports Medicine I, prior approval by the Athletic Trainer

This course is an in-depth study and application of the components of athletic training. It includes hands-on practice, time working with the sports team and after school practice time. Prior approval is needed by the Athletic Trainer to be in this course.

Sports Medicine III

SISD Course Number: 5248

Credit: 1.0

Grade: 10-12

Prerequisite: Sports Medicine II, prior approval by the Athletic Trainer

This course includes clinical rotation with advanced hands-on experience in preparation for university athletic training or medical field programs.

NAVAL JUNIOR ROTC (NJROTC)

SISD Course Code	Course Title	Grade	Credit	Prerequisite	PEIMS #
5401	Naval Science I	9	1.0		PES00004
5402	Naval Science II	10	1.0	X	03160200
5403	Naval Science III	11	1.0	X	03160300
5404	Naval Science IV	12	1.0	X	03160400
5405	ROTC Drill And Ceremonies	9-12	1.0	X	PES00004

Naval Science I

SISD Course Number: 5401

Credit: 1.0

Grade: 9-12

Prerequisite: None

This course introduces students to the responsibilities of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. The course is designed to develop an appreciation for American heritage and traditions, with recognition of the historically significant role that sea power plays in determining America's future. Topics are presented at a fundamental level.

Naval Science II

SISD Course Number: 5402

Credit: 1.0

Grade: 9-12

Prerequisite: One-year in JROTC or Naval Science I

This course addresses the same topics that were introduced in Naval Science I, with greater emphasis on practical application of leadership and management theory. Technical subjects are covered in greater detail and working models of concepts introduced in NSI are applied to practical situations. This course also addresses the Navy's role in American History and the effect it had around the world.

3. Course Descriptions

Naval Science III

Credit: 1.0

SISD Course Number: 5403

Grade: 10-12

Prerequisite: Two years in JROTC or Naval Science II

This course is a continuation of applied leadership concepts and more in-depth investigation of technical subjects. Leadership skills will be exercised on a daily basis. Cadets will begin to assume responsibility for the organization and operations of the Corps of Cadets.

Naval Science IV

Credit: 1.0

SISD Course Number: 5404

Grade: 12-12

Prerequisite: Two years in JROTC, permission from Senior Naval Science Instructor or Naval Science 3

This course provides practical experience in planning, organizing, and executing theories of group dynamics as leaders of the SHS Corps of Cadets. Classroom training and research projects are designed to complement and reinforce the application of leadership theories and techniques learned in previous NJROTC courses.

ROTC Drill and Ceremonies

Credit: 1.0

SISD Course Number: 5405

Grade: 9-12

Prerequisite: Enrollment in Naval Science Course and membership on varsity competitive team

This class is designed to provide team members the opportunity to conduct advanced training in preparation for regional and national competitions. Academic topics include technical specifications of equipment used for competition, command relationships, and Naval Science topics covered during competitive events.

LANGUAGES OTHER THAN ENGLISH (LOTE)

SISD Course Code	Course Title	Grade	Credit	Prerequisite	PEIMS #
1502	French I	9-12	1.0		03410100
1512	French II	9-12	1.0	X	03410200
1519	French III	9-12	1.0	X	03410300
1520	French IV	9-12	1.0	X	03410400
1562	Spanish I	9-12	1.0		03440100
1573	Spanish II	9-12	1.0	X	03440200
1574	Spanish II Pre AP	9-12	1.0	X	03440200
1579	Spanish III	9-12	1.0	X	03440300
1594	Spanish III for Spanish Speakers	9-12	1.0	X	03440330
1599	Spanish IV	9-12	1.0	X	03440400
1598	Spanish Language IV AP	9-12	1.0	X	A3440100

French I

Credit: 1.0

SISD Course Number: 1502

Grade: 9-12

Prerequisite: None

This is an introductory course to French culture and language, with emphasis on developing the four basic international language skills of listening, speaking, reading, and writing in French. Students will learn the basic structure of the written and spoken language and be introduced to the cultures of the French-speaking countries.

3. Course Descriptions

French II

Credit: 1.0

SISD Course Number: 1512

Grade: 9-12

Prerequisite: French 1 or passing score on district administered Credit-by-Exam

In this course, the students will further develop an appreciation of French culture and continue to refine their French speaking skills. Additional emphasis will be placed on reading and writing skills and more advanced grammar.

French III

Credit: 1.0

SISD Course Number: 1519

Grade: 9-12

Prerequisite: French 2 or passing score on district administered Credit-by-Exam

This is an enriched course with emphasis on advanced vocabulary, grammar, and literature, in addition to the reading, writing, listening, and speaking. A strong foundation is laid in grammar, and the students continue to learn more about the culture of the French-speaking world.

French IV

Credit: 1.0

SISD Course Number: 1520

Grade: 10-12

Prerequisite: French 3 or passing score on district administered Credit-by-Exam

This course is a continuation of French 3 with emphasis on student performance/production in the target language and with greater emphasis on literature. Oral proficiency will be emphasized.

Spanish I

Credit: 1.0

SISD Course Number: 1562

Grade: 9-12

Prerequisite: None

This course covers the skills of listening, speaking, reading, and writing in Spanish. Emphasis is on understanding common expression, greetings, questions, commands, and simple conversation. The ability to give an appropriate oral response and participate in elementary conversation is stressed. Culture and language learning techniques are also an integral part of the course.

Spanish II

Credit: 1.0

SISD Course Number: 1573

Grade: 9-12

Prerequisite: Spanish I or passing score on district administered Credit-by-Exam

A study of the grammatical construction of the language is continued by an extensive review of concepts learned in Spanish I. The focus is on oral reading, reading comprehension, expanding vocabulary and writing brief compositions. The ability to give an appropriate oral response and participate in simple conversation is stressed. Culture and language learning techniques are also an integral part of the course.

Spanish II PreAP

Credit: 1.0

SISD Course Number: 1574

Grade: 9-12

Prerequisite: Spanish I or passing score on district administered Credit-by-Exam

Spanish II curriculum presented with an intense approach in vocabulary (enrichment) and faster pace in grammar. Opportunity for advanced preparation in writing skills and higher level reading comprehension activities would be implemented. Instruction will be conducted fully in Spanish to increase and sharpen listening, oral, comprehension, expression, interpretation as well as writing skills.

3. Course Descriptions

Spanish III

Credit: 1.0

SISD Course Number: 1579

Grade: 9-12

Prerequisite: Spanish II or passing score on district administered Credit-by-Exam

A study of the grammatical construction of the language is continued by an extensive review of concepts learned in Spanish II. This course is primarily conducted in Spanish with a focus on language learning techniques and expanding vocabulary through listening and speaking activities. Reading comprehension and writing composition is increased through short stories, and current events.

Spanish III for Spanish Speakers

Credit: 1.0

SISD Course Number: 1594

Grade: 9-12

Prerequisite: Spanish II or passing score on district administered Credit-by-Exam

This course is intended for students who demonstrate a higher proficiency level in the language or have Spanish dominance. Students will work to perfect reading and writing skills, expand their vocabulary, and develop their interpretive skills through a short selective overview of Spanish literature.

Note: Students will take the Spanish IV Credit by Exam in the spring semester.

Spanish IV

Credit: 1.0

SISD Course Number: 1599

Grade: 10-12

Prerequisite: Spanish III or passing score on district administered Credit-by-Exam

This course is intended for students who are English dominant speakers with a high ability to function in the foreign language. Spanish will be used for active communication. Students will work to increase conversational skills, to socially integrate in the community, and the job force area, and to connect to real world events. Cultural awareness, history and current events related to Latin American countries will play an integral part.

Spanish Language 4 Advanced Placement (AP)

Credit: 1.0

SISD Course Number: 1598

Grade: 9-12

Recommended Prerequisite: Three credits in Spanish

This course is intended for students who use Spanish for active communication. Students enrolled in this course will develop their proficiency in all four language skills: aural/oral, reading comprehension, advanced grammar structure and composition. Emphasis will be placed on a selection of Latin American writers, with a focus on extensive reading and writing.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

3. Course Descriptions

FINE ARTS

SISD Course Code	Course Title	Grade	Credit	Prerequisite	PEIMS #
Visual Arts					
7102	Art I	9-12	1.0		03500100
0513	Art Appreciation I Dual Credit	10-12	1.0	X	03500110
7122	Art II Drawing	10-12	1.0	X	03500500
7124	Art II Sculpture	10-12	1.0	X	03501000
7125	Art II Ceramics	10-12	1.0	X	03500900
7152	Art III Drawing	10-12	1.0	X	03501300
7154	Art III Sculpture	11-12	1.0	X	03501900
7182	Art IV Drawing	11-12	1.0	X	03502300
7184	Art IV Sculpture	12	1.0	X	03502800
7199	Art History AP	10-12	1.0		A3500100
7189	AP Studio Art: Drawing	11-12	1.0	X	A3500300
7186	Studio Art: 2-D Design AP	11-12	1.0	X	A3500400
7187	Studio Art: 3-D Design AP	11-12	1.0	X	A3500500
Theatre Arts					
7203	Theatre Art I	9-12	1.0		03250100
7204	Advanced Theatre Arts II	10-12	1.0	X	03250200
7205	Advanced Theatre Arts III	10-12	1.0	X	03250300
7206	Advanced Theatre Arts IV	10-12	1.0	X	03250400
7212, 7213, 7214	Musical Theatre I-III	10-12	1.0	X	03251900, 03252000, 03252100
7207	Technical Theatre I	10-12	1.0	X	03250500
7208, 7209, 7210	Advanced Technical Theatre II-IV	10-12	1.0	X	03250600, 03251100, 03251200
7215, 7216, 7217	Theatre Production I-III	10-12	1.0	X	03250700, 03250800, 03250900
Dance					
7007	Dance I	9-12	1.0		03830100
7009	Dance Team Training	9-12	1.0		03833300
5112, 5307, 5308, 5309	Dance Team I-IV	9-11	1.0	X	03833300, 03833400, 03833500, 03833600
Choral Music					
7303, 7304, 7305, 7306	Matador Choir I-IV	9-12	1.0	X	03150900, 03151000, 03151100, 03151200

3. Course Descriptions

SISD Course Code	Course Title	Grade	Credit	Prerequisite	PEIMS #
7381, 7382, 7384, 7385	Non Varsity Choir I-IV	9-12	1.0	X	03150900, 03151000, 03151200, 03151100
7307, 7308, 7309, 7335	Women's Choir I-IV	9-12	1.0	X	03150900, 03151000, 03151100, 03151200
7301	Music Theory Advanced Placement	10-12	1.0	X	A3150200
7319DC	Music Theory I Dual Credit	9-12	1.0	X	03155400
7224	Music Composition I	9-12	1.0		03156000
7225	Music Composition II	9-12	1.0		03156100
Instrumental Music					
7341, 7342, 7343, 7344	Wind Ensemble I-IV	9-12	1.0	X	03150100, 03150200, 03150300, 03150400
7331, 7332, 7333, 7334	Wind Symphony I-IV	9-12	1.0	X	03150100, 03150200, 03150300, 03150400
7312, 7322, 7323, 7324	Symphonic Band I-IV	9-12	1.0	X	03150100, 03150200, 03150300, 03150400
7390, 7391, 7392, 7393	Concert Band I-IV	9-12	1.0	X	03150100, 03150200, 03150300, 03150400
7311, 7325, 7313, 7326	Instrumental Ensemble I-IV	9-12	1.0	X	03151700, 03151800, 03151900, 03152000
7351, 7352, 7353, 7354	Percussion I-IV	9-12	1.0	X	03150100, 03150200, 03150300, 03150400
7321	Beginner Guitar I	9-12	1.0		03154600
7405, 7406, 7407, 7408	Color Guard I-IV	9-12	1.0	X	03830100, 03830200, 03830300, 03830400
7420, 7421, 7422, 7423	Mariachi I-IV	9-12	1.0	X	03153800, 03153900, 03154000, 03154100

3. Course Descriptions

Visual Arts

Art I

Credit: 1.0

Prerequisite: None

SISD Course Number: 7102

Grade: 9-12

Art I is the foundation level for art study throughout high school. The course emphasizes the elements of art and principles of design, color theory, vocabulary, art criticism, art history, and safety in the art room with a strong foundation in design, drawing and vocabulary. This course fulfills the prerequisite for all Art 2 courses.

Art Appreciation I Dual Credit

Credit: 1.0

Prerequisite: Must meet TSI requirements, see page 16

SISD Course Number: 0513

Grade: 9-12

Students enrolled in this course are dually enrolled at St. Philip's College upon completion of the required college paperwork. Students who successfully complete this course receive 3 credit hours from St. Philip's College for the following course:

ARTS 1301: Art Appreciation

This course presents an introduction to the exploration of purposes and processes in the visual arts, including evaluation of selected works. Included is the study of art history, including major artists and works.

Note: This is a semester course.

Art II Drawing

Credit: 1.0

Prerequisite: Art I

SISD Course Number: 7122

Grade: 10-12

Student will express ideas through original art works using a variety of drawing media. They will be able to apply design skills using practical applications. The students will study historical periods as well as critique art work.

Art II Sculpture

Credit: 1.0

Prerequisite: Art I

SISD Course Number: 7124

Grade: 10-12

Student will further development skills that were introduced in Art I in relation to 3D media. Students will explore additive and subtractive processes using a variety of techniques and materials such as wire, plaster, clay, wood, and other media. Art appreciation is an integral part of this course.

Art II Ceramics

Credit: 1.0

Prerequisite: Art I

SISD Course Number: 7125

Grade: 10-12

Student will focus on planning, design, and clay construction techniques and procedures. Students will be able to apply design skills in creating both functional and mal-functional pieces.

Art III Drawing

Credit: 1.0

Prerequisite: Art II Drawing

SISD Course Number: 7152

Grade: 11-12

This course explores a variety of techniques and visual solutions dealing with drawing issues. Students will gain expertise in the handling of various drawing media as well as develop a mature sense of visual communication. The class is intended for those who wish to enter the AP program and pursue artistic course work in college.

3. Course Descriptions

Art III Sculpture

Credit: 1.0

SISD Course Number: 7154

Grade: 11-12

Prerequisite: Art II Sculpture

Students entering Sculpture 3 will advance and improve three-dimensional conceptual and building skills. Students will be expected to work independently while maturing under different and challenging project assignments. Plaster, clay, wood, and other materials will be used in the class. This class is intended for those who wish to enter the AP Studio Art class.

Art IV Drawing

Credit: 1.0

SISD Course Number: 7182

Grade: 12

Prerequisite: Art III Drawing

Students in Art 4 Drawing operate on a contract basis in which they select the projects they wish to pursue each six weeks period. Strong emphasis is placed on the student's creativity and ability to choose projects that challenge the student's talent.

Art IV Sculpture

Credit: 1.0

SISD Course Number: 7184

Grade: 12

Prerequisite: Art III Sculpture

Students in Art IV Sculpture operate on a contract basis in which they select the projects they wish to pursue each six weeks period. Strong emphasis is placed on the student's creativity and ability to choose projects that challenge the student's talent

Art History Advanced Placement (AP)

Credit: 1.0

SISD Course Number: 7199

Grade: 10-12

Prerequisite: None

This course will enable the high school student to enter college with a heightened appreciation for history and its art. The chief goal of this course is to increase understanding of key examples of architecture, sculpture, and paintings as historical documents. Students will develop skills necessary for recognizing and critically evaluating and comparing major art works.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

Studio Art: Drawing Advanced Placement (AP)

Credit: 1.0

SISD Course Number: 7189

Grade: 11-12

Recommended Prerequisite: Art II

This course will enable the high school student to earn college credit through the submission of a portfolio of 24 pieces of artwork to the AP Board. Students can choose any approach to drawing issues, which include traditional drawing materials, painting, printmaking and mixed media.

Note: Students are required to submit an Advanced Placement portfolio in May and exam fees apply.

Studio Art: 2-D Design Advanced Placement (AP)

Credit: 1.0

SISD Course Number: 7186

Grade: 11-12

Recommended Prerequisite: Art II

Studio Art AP 2-D Design will enable the high school student to earn college credit through the submission of a portfolio of 24 pieces of artwork to the AP Board. Students can use any 2-d media such as graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, painting and printmaking.

Note: Students are required to submit an Advanced Placement portfolio in May and exam fees apply.

3. Course Descriptions

Studio Art: 3-D Design Advanced Placement (AP) **SISD Course Number: 7187**

Credit: 1.0

Grade: 11-12

Recommended Prerequisite: Art II

Studio Art AP 3-D Design will enable the high school student to earn college credit through the submission of a portfolio of 20 pieces of artwork to the AP Board. Students can use any 3-d approach such as figurative or non-figurative sculpture, architectural models, metal work, ceramics, glasswork, installation, assemblage and 3-d fabric/ fiber arts.

Note: Students are required to submit an Advanced Placement portfolio in May and exam fees apply.

Theatre Arts

Theatre Art I

SISD Course Number: 7203

Credit: 1.0

Grade: 9-12

Prerequisite: None

This elective course is an introduction to theatre that requires the expressive use of body and voice in interpreting and performing dramatic literature. Concepts and skills in areas of acting and theatre history will be emphasized. Specific topics include pantomime, stage movement, improvisation, monologue and duet acting performance, and evaluation of theatrical experiences.

Note: Performance of scenes and monologues is the main focus of this course as well as performance in a one-act play.

Advanced Theatre Arts II

SISD Course Number: 7204

Credit: 1.0

Grade: 10-12

Prerequisite: Theatre Arts 1

This Performance course further refines concepts and skills of acting. An integral part of this course is the performance of scenes and plays with costumes, make-up and scenery.

Advanced Theatre Arts III-IV

SISD Course Number: 7205, 7206

Credit: 1.0

Grade: 11-12

Prerequisite: Audition and Theatre Arts II

This performance course allows the actor to refine concepts and skills through public performance.

Note: Participation in at least one after-school performance per semester is required.

Musical Theatre I-III

SISD Course Number: 7212, 7213, 7214

Credit: 1.0

Grade: 10-12

Prerequisite: Audition and Theatre Arts I

This performance course is designed for 10-12 grade students interested in musical theatre. This class will develop each student's acting, dance, and vocal technique through the rehearsal and performance of musical theatre selections. Students will also gain directing experience as they choreograph and direct fellow students in their performance pieces. Students will perform for the public.

Technical Theatre I

SISD Course Number: 7207

Credit: 1.0

Grade: 10-12

Prerequisite: Audition and Theatre Arts I

This is an activities-centered course combining theories of theatre safety, design, research and stage craft with the construction of technical elements of theater including make-up, costumes, props, lighting and sound.

3. Course Descriptions

Advanced Technical Theatre II-IV

Credit: 1.0

SISD Course Number: 7208, 7209, 7210

Grade: 10-12

Prerequisite: Audition and Technical Theatre I

This course builds on the stage craft skills and concepts developed in Technical Theatre I. Skills in designing sets will be stressed and applied for use in the three school productions. Recognition of career opportunities in theatre will be stressed.

Note: Working at least on after-school production per semester is required.

Theatre Production I-III

Credit: 1.0

SISD Course Number: 7215, 7216, 7217

Grade: 9-12

Prerequisite: Audition

Theatre Production I-III provides practical hands-on experiences in acting and stage craft through the preparation and public performance of plays.

Note: Students must be in the company for each after-school production (three a year). Students are required to submit portfolios in conjunction with school productions.

Dance

Dance I

Credit: 1.0

SISD Course Number: 7007

Grade: 9-12

Prerequisite: None

This is an introduction to the terminology and general principles of dance. Students learn how to perform beginning and intermediate movements in a variety of dance styles. They will also study choreography and develop artistic judgment as well as self-discipline. Students will learn basic dance and kick movements, stretching techniques, and participate in individual and group routines and projects. There will be at least one required performance during the course. Dance class uniform is required.

Dance Team Training

Credit: 1.0

SISD Course Number: 7009

Grade: 9-11

Prerequisite: None

Dance team training class is specifically designed to prepare students for auditions for Dance Team. Class will focus on flexibility, high kick and basic dance technique required for dance team auditions. Students will perform in the spring semester during the Starstepper Spring Showcase. Dance class uniform is required.

Dance Team I-IV

Credit: 1.0

SISD Course Number: 5112, 5307, 5308, 5309

Grade: 9-12

Prerequisite: Audition

The Dance Team performs at selected school functions and represents SHS in competition with other 5A schools. Members are selected by audition before a panel of judges. Parent permission and team fees between \$250 - \$500 are required.

Note: This is an activity-based course that counts as a Physical Education substitution in the fall semester.

3. Course Descriptions

Choral Music

Matador Varsity Choir I-IV

Credit: 1.0

SISD Course Number: 7303, 7304, 7305, 7306

Grade: 9-12

Prerequisite: Audition and Interview

This is the auditioned Varsity mixed choir class that will be chosen according to vocal and music reading abilities. This group will be required to participate in concerts and UIL activities such as Concert & Sight-reading Contest, Solo and Ensemble Contest, and All-Region Choir auditions.

Non Varsity Choir I-IV

Credit: 1.0

SISD Course Number: 7381, 7382, 7385, 7384

Grade: 9-12

Prerequisite: Audition and Interview

This is a mixed choir for newer singers who wish to continue working on their vocal and sight-reading skills. This group will be required to participate in concerts and some UIL activities, such as Concert & Sight-reading and Solo & Ensemble.

Women's Choir I-IV

Credit: 1.0

SISD Course Number: 7307, 7308, 7309, 7335

Grade: 9-12

Prerequisite: Audition and Interview recommendation from middle-school teacher

This is an auditioned choir that will be chosen according to vocal and sight-reading abilities. This group will be required to participate in concerts and UIL activities such as Concert and Sight-reading, Solo and Ensemble, and Region Treble Choir auditions.

Music Theory Advanced Placement (AP)

Credit: 1.0

SISD Course Number: 7301

Grade: 10-12

Prerequisite: Prior music experience and Interview

This course is an advanced theory class.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

Music Theory 1 Dual Credit

Credit: 1.0

SISD Course Number: 7319

Grade: 9-12

Prerequisite: Must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College upon completion of the required college paperwork. Students who successfully complete this course receive 3 credit hours from St. Philip's College for the following course:

MUSI 1306: Music Theory

Understanding music through the study of cultural periods, major composers, and musical elements. This course is supported with audio recordings and live performances.

Note: This is a semester course.

Music Composition I and II

Credit: 1.0

SISD Course Number: 7224, 7225

Grade: 9-12

Prerequisite: None

This class explores the creative process of writing music by developing basic tools that composers use to construct music. The students will create, perform, critique, discuss and revise their own and others' work in a supportive, constructive environment.

3. Course Descriptions

Instrumental Music

Wind Ensemble I-IV

Credit: 1.0

Prerequisite: Audition

The Wind Ensemble is the most advanced level of band at Seguin High School. The class consists primarily of upperclassmen. Advanced fundamentals and advanced levels of high school music are the focus of the class. Students are placed in this band through audition and director recommendation. Activities include marching band, parades, concert, solos and ensemble, region band, marching and concert contests, community performances, and music theatre productions.

Note: This is an activity-based course that counts as a Physical Education substitution in the fall semester.

SISD Course Number: 7341, 7342, 7343, 7344

Grade: 9-12

Wind Symphony I-IV

Credit: 1.0

Prerequisite: Audition

The Wind Symphony is the second most advanced level of band at Seguin High School. The class consists of students from all grade levels and focuses on advanced fundamentals and a wide variety of music. Students are placed in this band through audition and director recommendation. Activities include marching band, parades, concert, solos and ensemble, region band, marching and concert contests, and community performances.

Note: This is an activity-based course that counts as a Physical Education substitution in the fall semester.

SISD Course Number: 7331, 7332, 7333, 7334

Grade: 9-12

Symphonic Band I-IV

Credit: 1.0

Prerequisite: Audition

The Symphonic Band is the the third most advanced level of band at Seguin High School. The class consists of students from all grade levels and focuses on fundamental skills and a variety of music. Students are placed in this band through audition and/or director recommendation. Activities include marching band, parades, concert, solos and ensemble, region band, marching and concert contests, and community performances.

Note: This is an activity-based course that counts as a Physical Education substitution in the fall semester.

SISD Course Number: 7312, 7322, 7323, 7324

Grade: 9-12

Concert Band I-IV

Credit: 1.0

Prerequisite: Audition

The Concert Band is the entry level of band at Seguin High School. The class consists of students from all grade levels and focuses on fundamental skills and a variety of music. Students are placed in this band through audition and/or director recommendation. Activities may include marching band, parades, concert, solos and ensemble, region band, marching and concert contests, and community performances.

Note: This is an activity-based course that counts as a Physical Education substitution in the fall semester.

SISD Course Number: 7390, 7391, 7392, 7393

Grade: 9-12

Instrumental Ensemble I-IV

Credit: 1.0

Prerequisite: Audition, Concurrent enrollment in a performance band class

The Instrumental Ensemble course is designed for more in-depth study of instrumental music performance. The course offers individualized and differentiated instruction to students seeking extra music instruction beyond the band class. The course utilizes instrumental method books, band class selections, TMEA All-State Band audition music, and UIL Solo and Ensemble repertoire as the basis for individualized instruction.

SISD Course Number: 7311, 7325, 7313, 7326

Grade: 9-12

3. Course Descriptions

Percussion I-IV

Credit: 1.0

Prerequisite: Audition

All band students who play percussion must enroll in this class. Fundamental skills and a wide variety of music are the focus of this class. Activities include marching band, parades, concert, solos and ensemble, region band, marching and concert contests, percussion ensemble, and community performances.

SISD Course Number: 7351, 7352, 7353, 7354

Grade: 9-12

Beginner Guitar

Credit: 1.0

Prerequisite: None

Guitar class is open to all students. Students will learn beginning acoustic guitar techniques, strumming and melodic playing techniques, as well as reading music and tablature. Students must provide their own guitar (electric or acoustic) to practice on in class and at home. Students will also be required to purchase the beginning guitar book which they will keep. Students must be willing/able to work in a large group setting and perform in public. The beginning guitar student will need to practice 20-40 minutes daily to achieve success. Anything less will achieve limited results.

SISD Course Number: 7321

Grade: 9-12

Color Guard I-IV

Credit: 1.0

Prerequisite: Audition

This class is designed for all students who are members of the Seguin High School Color Guard. Anyone who does not play an instrument but is a member of the guard must be enrolled in the class. Students are placed in the guard through audition held in the spring. The SHS Color Guard is an integral part of the Seguin High School Matador Band, and is an expression of music through dance and guard equipment (flags, rifles, sabers). The guard continues in the spring semester as a competitive unit called Winter Guard, allowing the students to develop their skills throughout the spring semester. Dance skills are taught from a basic level to advanced skills focusing on modern dance and ballet. Attendance at all marching band and Winter Guard performances is required.

Note: This is an activity-based course that counts as a Physical Education substitution in the fall semester.

SISD Course Number: 7405, 7406, 7407, 7408

Grade: 9-12

Mariachi Band I-IV

Credit: 1.0

Prerequisite: Audition for director

This course is designed for those interested in continued study of learning and playing the folk music of Mexico. Students will study mariachi music through instrumental and vocal performance. Students who are instrumentalists must provide an instrument (guitar or violin) for refining instrumental performance skills. This is not a beginner mariachi class and previous experience is required.

SISD Course Number: 7420, 7421, 7422, 7423

Grade: 9-12

3. Course Descriptions

ADDITIONAL COURSES

SISD Course Code	Course Title	Grade	Credit	Prerequisite	PEIMS #
0652	Student Aide - 1st Semester	12	0.5	X	85000999
0654	Student Aide - 2nd Semester	12	0.5	X	85000999
0770	College Transition	11-12	0.5		N1290050
81751	AVID I	9	1.0		N1290001
81752	AVID II	10	1.0	X	N1290002
81753	AVID III	11	1.0	X	N1290030
81754	AVID IV	12	1.0	X	N1290033
4121DC	MAPS 1 Dual Credit	10-12	1.0	X	N1130021
9990, 9991, 9992, 9993	Academic Skills I-IV	9-12	1.0	X	85000XXX
9388, 9389, 9390, 9391	Activities of Daily Living I-IV	9-12	1.0	X	85000XXX
9387, 9392, 9393, 9394	Occupational Preparation I-IV	9-12	1.0	X	85000XXX
9994, 9995, 9996, 9997	Recreation and Leisure I-IV	9-12	1.0	X	85000XXX
9340, 9341, 9342, 9343	Vocational Experience I-IV	9-12	1.0	X	85000XXX
9344, 9345, 9346, 9347	18+ Transition I-IV	9-12	1.0	X	85000XXX

Student Aide: First Semester/Second Semester

SISD Course Number: 0652/0654

Credit: 0.5

Grade: 12

Prerequisite: Counselor and/or administrator approval

Students with passing grades and/or excess credits for graduation who have no disciplinary infractions may apply to serve as a student aide in the school office, attendance office, or library. This course provides life experiences as students learn to be prompt, dependable and efficient. Students will receive training in communication skills, time management, and organizational skills.

Note: This is a local credit course that is not averaged into GPA or class ranking.

College Transition

SISD Course Number: 0770

Credit: 0.5

Grade: 11-12

Recommended Prerequisite: Students preparing to take the ACT and/or SAT

College Transition course is designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners both in high school and in college. Students examine numerous research-based learning strategies that are proven to lead to academic success such as goal-setting, effective time management, handling stress, note-taking, active reading, test-taking strategies, and conducting research to name just a few. The College Transition course provides the means and training for students to research financial scholarships and grant opportunities, complete applications, and explores technical schools, colleges and universities.

Note: This is a semester course.

3. Course Descriptions

Advancement Via Individual Determination (AVID) I-IV

Credit: 1.0

Prerequisite: None

AVID is a series of academic, regularly scheduled elective classes that focus on learning, inquiry, and collaboration. The three main components of the AVID program are academic instruction (AVID curriculum), tutorial support and motivational activities. The mission of the AVID program is to ensure that all students are capable of completing a college-preparatory path, have a chance to succeed and enroll in four-year colleges and universities.

Note: All Associate Degree Pathway students are enrolled in AVID classes.

SISD Course Number: 81751, 81752, 81753, 81754

Grade: 9-12

Methodology for Academic and Personal Success (MAPS) Dual Credit

Credit: 1.0

Prerequisite: Must meet TSI requirements, see page 16

Students enrolled in this course are dually enrolled at St. Philip's College upon completion of the required college paperwork. Students who successfully complete this course receive 3 credit hours from St. Philip's College for the following course:

EDUC 1300: Learning Framework

This course focuses on the skills and strategies necessary for students to make a successful transition into high school and an academic career. Students will explore the options available in high school, higher education, and the professional world in order to establish both immediate and long-range personal goals. Overall, the course provides a study of the research and theory in the psychology of learning, cognition, and motivation; the factors that impact learning and application of learning strategies.

SISD Course Number: 4121

Grade: 10-11

Academic Skills I-IV

Credit: 1.0

Prerequisite: Committee approval required for enrollment

This course is designed to provide direct instruction to students daily in the areas of academic preparation, organization, note taking, and test taking as well as have time to complete academic assignments.

SISD Course Number: 9990, 9991, 9992, 9993

Grade: 9-12

Activities of Daily Living I-IV

Credit: 1.0

Prerequisite: Committee approval required for enrollment

This course is designed to provide instruction to students in real time as need arises in the areas of basic hygiene, grooming, cooking skills, household living, household cleaning, self-help skills, etc., in the classroom as well as in the community. There is no formal outline or syllabus.

SISD Course Number: 9388, 9389, 9390, 9391

Grade: 9-12

Occupational Preparation I-IV

Credit: 1.0

Prerequisite: Committee approval required for enrollment

Job skills needed for employability are taught in the classroom and on the job training sites, including administrative skills, secretarial skills, food service, retail and child care.

SISD Course Number: 9387, 9392, 9393, 9394

Grade: 9-12

3. Course Descriptions

Recreation and Leisure I-IV

SISD Course Number: 9994, 9995, 9996, 9997

Credit: 1.0

Grade: 9-12

Prerequisite: Committee approval required for enrollment

This course is designed to provide instruction to students in the areas of lifelong recreational skills and activities including art, painting, crafts, exercising and recreational games (indoors and outdoors).

Vocational Experience I-IV

SISD Course Number: 9340, 9341, 9342, 9343

Credit: 1.0

Grade: 9-12

Prerequisite: Committee approval required for enrollment

This course is designed to provide instruction to students in employment skills while exploring realistic vocational goals. Students will receive direct instruction on campus and support at places of employment to improve employability.

18+ Transition I-IV

SISD Course Number: 9344, 9345, 9346, 9347

Credit: 1.0

Grade: 9-12

Prerequisite: Committee approval required for enrollment

This course is designed to provide instruction to students in real time as situation and needs arise personally and in the community in the areas of employment, vocational training, continuing and adult education, access to adult services, independent living, community participation and social/recreation/leisure, and other important life considerations that address student interest, preferences and needs for this ages 18-21 population.

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. Every CTE course focuses to some degree on three (3) major skill sets, Technical skills, content skills and workplace skills. 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. Here is a summary of our CTE graduation endorsement programs.

STEM (Science, Technology, Engineering, and Math) Endorsement

STEM Programs

Robotics	Theoretical Computer Science	Computer Science AP
Mathematics Studies	Environmental Studies (Science)	Pre-Medical Studies

Public Service Endorsement

Public Service Programs

Cosmetology	Law Enforcement	Education and Training
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Health Science Programs

Pharmacy Technology	Health Care Basics (C.N.A)	Emergency Medical Technician (EMT)
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Business and Industry Endorsement

Business Management Programs

Business management	Business Information Management	Accounting
Medical Billing and Coding		

Technology Programs

Video Production	MATCAST Media Production	Web Design and Mobile Apps
Graphic Design	Practical Coding and Game Design	Animation
Newspaper	Yearbook	
Information Technology and Security Academy		

Agriculture Programs

Veterinary Technology	Agricultural Mechanics	Animal Science
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Manufacturing Programs

Welding Technology	Advanced Technology and Manufacturing Academy	
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Trades Program

Construction Technology		
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COURSE DESCRIPTIONS

CTE course descriptions are organized by program. For more information on endorsements and CTE program options, see page 9. The four-year sequence of courses for each CTE program can be found beginning on page 11.

Introductory Level Courses

The courses listed below offer a survey of the field or industry that relates to multiple CTE programs and serve as a preview of the material to come in later courses. These courses will focus on workplace skills, career survey education, and post-secondary readiness.

Principles of Applied Engineering

Credit: 1.0

Prerequisite: None

This course provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects.

SISD Course Number: 81568

Grade: 9-11

Computer Science I

Credit: 1.0

Prerequisite: Algebra 1

This is an introductory course in the concepts and skills of computer science and computer programming. Students will use problem-solving strategies to design solutions to stated problems, break down the solutions into tasks, write programming code to perform the tasks, and test and debug the created code. Students will also explore computer hardware and computer ethics, including current laws and regulations and responsible digital citizenships.

SISD Course Number: 7603

Grade: 9-12

Principles of Agriculture, Food, and Natural Resources

Credit: 1.0

Prerequisite: None

This hands-on interactive introductory course provides students with opportunities to learn basic knowledge and skills in many facets of the Texas Agriculture Industry: plant production, swine, cattle, sheep, goats, poultry and Agriculture Mechanics. Additionally, students will learn about the FFA Organization and opportunities for supervised agriculture work experiences.

SISD Course Number: 80101

Grade: 9-12

Business Information Management 1

Credit: 1.0

Prerequisite: None

Business Information Management 1 (BIM) prepares students to apply technology skills to personal/workplace business situations. This course provides training in word processing, spreadsheet, database, telecommunications, desktop publishing, presentation management, and emerging technologies. Students complete the course with intermediate skill levels in word processing, spreadsheet, presentation management and database applications using Microsoft Office. Students will have the opportunity to study for and take the Microsoft Office Specialist certification tests in Word, Excel, PowerPoint, and Access.

SISD Course Number: 80424

Grade: 9-12

3. Course Descriptions

Computer Programming 1

Credit: 1.0

Prerequisite: None

Students acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer programming. Students apply technical skills to address business applications of emerging technologies such as video game design.

SISD Course Number: 81176

Grade: 9-12

Principles of Law, Public Safety, Corrections and Security

Credit: 1.0

Prerequisite: None

Principles of Law, Public Safety, Corrections and Security is the introductory course in the Criminal Justice/Law Enforcement sequence. It introduces students to the professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of law enforcement agencies, the court systems, and the correctional systems. The student will acquire the basic introductory skills necessary for a possible career in law enforcement, public safety, corrections or the private security industry.

SISD Course Number: 81201

Grade: 9-11

Principles of Media: Journalism

Credit: 1.0

Prerequisite: None

Careers in the Arts, Audio/Video Technology, and Communications require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this Program and the knowledge, skills, and educational requirements for those opportunities. The journalistic focus of the course prepares students for continued involvement in media, producing the Matcast, newspaper, or yearbook.

SISD Course Number: 81180

Grade: 9-11

Principles of Health Science

Credit: 1.0

Prerequisite: None

This course is designed to provide an opportunity for understanding the concepts and skills necessary for entering the health care field. Essential elements included in this course are current events in health care, medical terminology, anatomy and physiology, human growth and development, CPR, first aid, basic concepts of illness and wellness, medical communications skills, and interpersonal relationships.

SISD Course Number: 80801

Grade: 9-12

3. Course Descriptions

Science, Technology, Engineering, and Math (STEM) Program

Robotics 1

Credit: 1.0

SISD Course Number: 81569

Grade: 9-11

Prerequisite: Principles of Applied Engineering

In this course, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry

Robotics 2

Credit: 1.0

SISD Course Number: TBD

Grade: 10-11

Prerequisite: Robotics 1

In Robotics II, students will build on skills learned in Robotics I and explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs. This course will be offered beginning with the 2018-2019 school year.

Practicum in STEM

Credit: 2.0

SISD Course Number: TBD

Grade: 12

Prerequisite: Robotics 2

The Practicum in STEM course is a capstone course designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations. This course will be offered beginning with the 2018-2019 school year.

Computer Science II

Credit: 1.0

SISD Course Number: 2152

Grade: 10-12

Prerequisite: Algebra 1, Computer Science 1

This is an intermediate course in the concepts and skills of computer science and computer programming. Students will extend the skills and concepts from Computer Science I to larger and more complex problems, with greater emphasis on inheritance, visual interfaces, and black-box design.

Computer Science III

Credit: 1.0

SISD Course Number: 2153

Grade: 10-12

Prerequisite: Computer Science II

Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will gain an understanding of advanced computer science data structures through the study of technology operations, systems, and concepts.

Game Programming and Design

Credit: 1.0

SISD Course Number: 81572

Grade: 10-12

Prerequisite: Computer Science II

Students will collaborate with one another, their instructor, and various electronic communities to solve gaming problems. Through data analysis, students will include the identification of task requirements, plan search strategies, and use programming concepts to access, analyze, and evaluate information needed to design

3. Course Descriptions

games. By acquiring programming knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will create a computer game that is presented to an evaluation panel.

Computer Science Principles Advanced Placement (AP)

SISD Course Number: 2123

Grade: 9-11

Credit: 1.0

Prerequisite: None

In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

Computer Science A Advanced Placement (AP)

SISD Course Number: 2122

Credit: 1.0

Grade: 11-12

Prerequisite: Computer Science Principles AP or Computer Science 1

Recommended Prerequisite: Computer Science 1

See page 34 for Course Description.

Note: Students are required to take the Advanced Placement exam in May and exam fees apply.

Mobile Application Development

SISD Course Number: TBD

Credit: 1.0

Grade: 11-12

Prerequisite: Computer Science III

Mobile Application Development is an advanced computing course where students will design, implement, and deliver meaningful projects using mobile computing devices. Students will identify task requirements, plan search strategies, and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards. This course will be offered beginning with the 2018-2019 school year.

Agriculture Program

Agricultural Mechanics and Metal Technologies

SISD Course Number: 80116

Credit: 1.0

Grade: 10-12

Prerequisite: Principles of Agriculture, Food, and Natural Resources

This hands on, lab oriented class will stress safety in the work place while allowing students to prepare for careers in agricultural power, structural, and technical systems, as well as gain knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.

Agricultural Structures Design and Fabrication

SISD Course Number: 80127

Credit: 1.0

Grade: 12

Prerequisite: Agricultural Mechanics and Metal Technologies

Agricultural Structures Design and Fabrication is a capstone course in the Agricultural mechanics program where students will demonstrate their skills through the production of resources and projects that provide

3. Course Descriptions

benefit the agricultural industry in some way. Students will explore career opportunities, entry requirements, and industry expectations.

NOTE: *This is a 1-period course and should only be taken by senior students who do not have a 2 period block available to take the Agricultural Structures Design and Fabrication with Lab course.*

Agricultural Structures Design and Fabrication with Lab

SISD Course Number: 80130

Grade: 12

Credit: 2.0

Prerequisite: Agricultural Mechanics and Metal Technologies

This course is the exact course described above in 80127. The co-requisite Lab and field experience portion makes this a 2-period class with extra time to master the skills presented in the course.

Equine Science

SISD Course Number: 80112

Credit: 0.5

Grade: 9-12

Recommended Prerequisite: Principles of Agriculture, Food, and Natural Resources

This is a hands-on course that allows students to gain knowledge and skills pertaining to nutrition, reproduction and health management in horses, donkeys and mules. This includes evaluation and selection of horses, nutrition and management; issues affecting the equine industry; participation in youth leadership activities, and study of related careers and employability characteristics of a successful employee.

Note: This is a one semester course.

Small Animal Management

SISD Course Number: 80114

Credit: 0.5

Grade: 9-12

Recommended Prerequisite: Principles of Agriculture, Food, and Natural Resources

This course exposes students to the small animal industry, and may include, but is not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats. Students will study the issues and importance of the small animal industry, safe handling and management of small animals; identifying diseases that can be transmitted from animals to humans, and preventing the spread of diseases; safe and correct handling of hazardous chemicals and laboratory equipment; identifying different breeds or types of each species studied, habitat, housing and equipment for each species, nutritional requirements, health maintenance, and basic grooming procedures. Students will study related careers and opportunities in the small animal industry, and employability characteristics of a successful employee.

Note: This is a one semester course.

Livestock Production

SISD Course Number: 80111

Credit: 1.0

Grade: 10-12

Prerequisite: Principles of Agriculture, Food, and Natural Resources

In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Wildlife, Fisheries, and Ecology Management

SISD Course Number: 80115

Credit: 1.0

Grade: 10-12

Prerequisite: Principles of Agriculture, Food, and Natural Resources

This course prepares students for careers in natural resource systems. This course examines the management of game and non-game wildlife species, fish, and aqua-crops and their ecological needs as related to current agricultural practices. This course is designed to examine the importance of wildlife and outdoor recreation with

3. Course Descriptions

emphasis on using wildlife and natural resources wisely. The student will study the scientific basis for wildlife management, game and non-game species, management of wildlife populations, diseases impacting plants and animals, interrelationships between various aspects of wildlife and outdoor public use, laws and regulations regarding the use of wildlife resources, landowner and property rights, security issues, legal issues, apply cartographic skills to natural resource activities, monitor natural resource status, and other related topics.

Advanced Animal Science

SISD Course Number: 80132

Credit: 1.0

Grade: 10-12

Prerequisite: Principles in Agriculture, Food and Natural Resources, Equine Science/ Small Animal Management ; 90% attendance for previous year; credit for Biology and Chemistry or concurrent enrollment in Chemistry

Advanced Animal Science provides opportunities for students to develop knowledge and skills pertaining to production, harvesting, and marketing of livestock. Students will apply scientific principles, scientific inquiry, science and social ethics, safe laboratory practices, scientific methods and equipment used during field and laboratory investigations; use critical thinking, scientific reasoning and problem solving; apply principles of molecular genetics and heredity, examine and compare animal anatomy and physiology in livestock species; Identify nutritional requirements of ruminant and non-ruminant animals; evaluate animal diseases and parasites, and other related topics. Study of study of related careers and employability characteristics of successful employees is also included.

Veterinary Medical Applications

SISD Course Number: 80122

Credit: 1.0

Grade: 11-12

Prerequisite: Advanced Animal Science, Biology, Chemistry; 90% attendance previous year

Veterinary Medical Applications provides instruction in veterinary practices as they relate to both large and small animal species. This includes knowledge and skills in ethics of veterinary medicine, veterinary hospital management and marketing, medical terminology, anatomical structures and body systems, medical terms related to diagnosis, pathology and treatment of animals, identification of parasites, animal identification, characteristics, and behavioral temperament, mathematical calculations used in veterinary medicine, procedures for clinical examination and diagnosis, care, use and maintenance of equipment and instruments found in a veterinary clinic, and other related topics. Students will also investigate related veterinary careers and study employability characteristics of a successful employee.

Practicum in Agriculture, Food, and Natural Resources

SISD Course Number: 80141

Credit: 2.0

Grade: 12

Prerequisite: Veterinary Medical Applications; 90% attendance for previous year.

The practicum is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. A research project is required. This course is recommended for students in Grade 12. The practicum course is an unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Program

3. Course Descriptions

Trades Program

Construction Technology 1

SISD Course Number: 80214

Credit: 2.0

Grade: 9-12

Prerequisite: Algebra I; Principles of Applied Engineering

In Construction Technology, students gain knowledge and skills specific to those needed to enter the work force as carpenters or building maintenance supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes, and framing.

Construction Technology 2

SISD Course Number: 80224

Credit: 2.0

Grade: 10-12

Prerequisite: Geometry; Construction Technology.

Advanced Construction Technology is an activity-based laboratory and construction site course with job-specific training for entry-level employment in trades related to construction careers: framing and finish carpentry, painting, installation and repair of drywall, and understand application of metal framing. Students will be expected to learn blueprint reading for residential and commercial buildings. Students are expected to complete a 10-hour OSHA safety course and they will receive a 10 hour OSHA card. A study of entrepreneurship, leadership, and career opportunities is included.

Practicum in Construction Technology

SISD Course Number: TBD

Credit: 2.0

Grade: 11-12

Prerequisite: Construction Technology 2

The Practicum in Construction Technology class is an advanced course designed to provide classroom technical instruction or on-the-job training experiences. Students will be challenged with the application of gained knowledge and skills from Construction Technology I and II. Students will have opportunities to demonstrate their knowledge and skills in construction technology in a paid or unpaid job setting or be involved in locally approved projects. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom. This course will be offered beginning with the 2018-2019 school year.

Business Management and Administration Program

Global Business

SISD Course Number: 80426

Credit: 0.5

Grade: 9-12

Recommended Prerequisite: Business Information Management 1

Global Business is designed for students to analyze global trade theories, international monetary systems, trade policies, politics, and laws relating to global business as well as cultural issues, logistics, and international human resource management.

Note: This is a one semester course.

Virtual Business

SISD Course Number: 80427

Credit: 0.5

Grade: 9-12

Recommended Prerequisite: Business Information Management 1

Virtual Business is designed for students to start a virtual business by creating a web presence, conducting online and off-line marketing, examining contracts appropriate for an online business, and demonstrating

3. Course Descriptions

project-management skills. Students will also demonstrate bookkeeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business.

Note: This is a one semester course.

Business Management

SISD Course Number: TBD

Credit: 1.0

Grade: 10-12

Prerequisite: Business Information Management 1

Business Management is designed to familiarize students with the concepts related to business management as well as the functions of management, including planning, organizing, staffing, leading, and controlling. Students will also demonstrate interpersonal and project-management skills. Students are encouraged to participate in extended learning experiences such as the Business Professionals of America (BPA) and other leadership or extracurricular organizations. This course will be offered beginning with the 2018-2019 school year.

Business Information Management 2

SISD Course Number: 80433

Credit: 1.0

Grade: 10-12

Prerequisite: Business Information Management 1

In Business Information Management II, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software. Students will seek advanced software certifications. Students are encouraged to participate in extended learning experiences such as the Business Professionals of America (BPA) and other leadership or extracurricular organizations.

Accounting 1

SISD Course Number: 80615

Credit: 1.0

Grade: 10-12

Prerequisite: Business Information Management 1

In Accounting I, students will investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will formulate and interpret financial information for use in management decision making.

Accounting 2

SISD Course Number: 80621

Credit: 1.0

Grade: 10-12

Prerequisite: Accounting 1

In Accounting II, students will continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students will reflect on this knowledge as they engage in various managerial, financial, and operational accounting activities. Students will formulate, interpret, and communicate financial information for use in management decision-making. Students will use equations, graphical representations, accounting tools, spreadsheet software, and accounting systems in real-world situations to maintain, monitor, control, and plan the use of financial resources. This course will be offered beginning with the 2018-2019 school year.

Entrepreneurship

SISD Course Number: 81416

Credit: 1.0

Grade: 10-12

Recommended Prerequisite: Business Information Management 1

Students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students

3. Course Descriptions

understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students understand the capital required, the return on investment desired, and the potential for profit.

Business Law

SISD Course Number: 80413

Credit: 1.0

Grade: 10-12

Recommended Prerequisite: Business Information Management 1

Business Law is designed for students to analyze various aspects of the legal environment, including ethics, the judicial system, contracts, personal property, sales, negotiable instruments, agency and employment, business organization, risk management, and real property.

Dollars and Sense

SISD Course Number: 81011

Credit: 1.0

Grade: 9-12

Recommended Prerequisite: Business Information Management 1

Dollars and Sense focuses on consumer practices and responsibilities, the money management process, decision-making skills, impact of technology, and opportunities for human services careers. Students are encouraged to participate in career and technical student organizations and other leadership organization necessary for a business to compete in a global economy. Students will coordinate online and off-line marketing. Students will demonstrate critical-thinking skills using decision-making models, case studies, various technologies, and business scenarios.

Banking and Finance

SISD Course Number: 81018

Credit: 1.0

Grade: 9-12

Recommended Prerequisite: Business Information Management 1

In Banking and Financial Services, students will develop knowledge and skills in the economic, financial, technological, international, social, and ethical aspects of banking to become competent employees and entrepreneurs. Students will incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society.

Health Informatics

SISD Course Number: 80444

Credit: 1.0

Grade: 11-12

Prerequisite: Business Information Management 1 and Medical Terminology

The Health Informatics course is designed to provide knowledge of one of the fastest growing areas in both academic and professional fields. This course addresses the high demand for information and health professionals who can effectively design, develop, and use technologies such as electronic medical records, patient monitoring systems, and digital libraries, while managing the vast amount of data generated by these systems.

Practicum in Business Management

SISD Course Number: 80443

Credit: 2.0

Grade: 12

Prerequisite: Business Information Management 1

The practicum is designed to give students supervised practical application of previously studied knowledge and skills in a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of business to become competent consumers,

3. Course Descriptions

employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

Practicum in Business Management: Health Information

**SISD Course Number: 80443
Grade: 11-12**

Credit: 2.0

Prerequisite: Health Science; Medical Terminology; 90% attendance for prior year; Business Information Management 1 recommended

The Health Information Practicum is designed to prepare students for careers in the medical and insurance fields of billing and coding. Students will learn current programs and systems for electronic health records. Through classroom and laboratory work, students will learn the business, healthcare, and ethical implications of accurate medical recordkeeping. Students will be able to seek industry certification in the Medical Billing and Coding Industry.

Manufacturing Program

Welding 1

SISD Course Number: 81312

Credit: 2.0

Grade: 9-12

Prerequisite Principles of Applied Engineering; Algebra I

Welding I provides the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will be exposed to different types of welding and oxy fuel cutting. Students will be expected to identify types of welds including fillet welds, groove, spot, plug, flanged, and be able to identify welding symbols and read blueprints. Students are also expected to work independently and fabricate with minimal assistance as well as learn the different types of gases used in the welding field. During this time the student will also demonstrate proper knowledge in electrical theory as it applies to welding machinery and equipment such as AC/ DC heat transfer and polarity.

Note: Students who do not demonstrate required knowledge of safety and equipment skills during the first three weeks of this course may be dropped from the class.

Welding 2

SISD Course Number: 81322

Credit: 2.0

Grade: 10-12

Prerequisite: Welding; Geometry, 90% attendance for previous year.

Welding 2 builds on knowledge and skills developed in Welding. Students will apply academic skills to the requirements of welding, including estimation of costs, accurate reading of measurement instruments to project costs, selecting appropriate tools to make accurate measurements, computing measurements such as area, surface area, volume, and perimeter. The student is expected to learn and be able to demonstrate the function and application of welding tools, equipment, technologies, and materials used in welding, and to be able to read and interpret blueprints and welding symbols. The student will perform advanced welding procedures including cutting, shielded metal arc welding, advanced oxy-fuel processes, gas metal arc welding, flux cored arc welding, and gas tungsten arc welding using a variety of metals. Students are expected to be able to appraise and evaluate welding projects, be knowledgeable about all federal, state, and local safety regulations and practices.

3. Course Descriptions

Practicum In Manufacturing

Credit: 2.0

SISD Course Number: 76040

Grade: 12

Prerequisite: Advanced Welding

The Practicum in Manufacturing course is designed to give students supervised practical application of previously studied knowledge and skills in Welding I and Welding II. Students will continue to master practical skills and have an opportunity to prepare for industry approved certification or licensure. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Advanced Technology and Manufacturing Academy Dual Credit, Year 1 and 2

Credit: 3.0

SISD Course Number: 81361 A/B, 81362 A/B

Grade: 11-12

Prerequisite: Complete all enrollment requirements of CTTC, Principles of Applied Engineering and Welding recommended

The Seguin Economic Development Corporation, in partnership with the Central Texas Technology Center and St. Philip's College of San Antonio, independent school districts, and the Alamo Community College District created a dual credit Manufacturing Technology Academy targeting high school juniors and seniors. The program introduces students to the technologies involved in manufacturing while imparting important work place habits. Students also participate in a summer internship between the junior and senior year in high school. Students in the program earn college credit for the manufacturing technology courses taught by St. Philip's College instructors at the Central Texas Technology Center. Local business partners assisted the community college district in creating a curriculum reflecting the needs of our diverse manufacturing community. Counselors can guide the students through the process of application, entrance exam and registration procedures. For a complete listing of courses taken at CTTC, see page 25.

NOTE: This is a two-year sequence of courses taught at Central Texas Technology Center (CTTC), for two periods a day, five days per week, transportation provided by SISD, bus departs daily at 7:30 AM.

Technology Program

Computer Programming 2

Credit: 1.0

SISD Course Number: 81177

Grade: 10-12

Prerequisite: Computer Programming 1

In Computer Programming II, students will expand their knowledge and skills in structured programming techniques and concepts by addressing more complex problems and developing comprehensive programming solutions. The focus of tasks and problems issued in the course will revolve around the theme of Video Game Design. Students will analyze the social responsibility of business and industry regarding the significant issues relating to environment, ethics, health, safety, and diversity in society and in the workplace as related to computer programming. Students will apply technical skills to address business applications of emerging technologies, such as video game design.

Digital Media

Credit: 1.0

SISD Course Number: 81113

Grade: 9-12

Prerequisite: Computer Programming 1 or Business Information Management 1

Digital and Interactive Multimedia is a survey of the theories, elements, and hardware/ software components of multimedia. Topics include digital image editing, digital sound and video editing, animation, and interactive presentations. Emphasis is on conceptualizing and producing effective multimedia presentations. Software used in the course is the Adobe Creative Suite of media products.

3. Course Descriptions

Video Game Design

Credit: 1.0

SISD Course Number: TBD

Grade: 10-12

Prerequisite: Computer Programming 2

Video Game Design will allow students to explore one of the largest industries in the global marketplace and the new emerging careers it provides in the field of technology. Students will learn gaming, computerized gaming, evolution of gaming, artistic aspects of perspective, design, animation, technical concepts of collision theory, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design. Please note that this course is an immersed study into the theory and practical back-end construction and development of video games. The focus of this course will not be that of game-playing or beta testing new games. This course will be offered beginning with the 2018-2019 school year.

Web Technologies

Credit: 1.0

SISD Course Number: 81123

Grade: 10-12

Prerequisite: Computer Programming 1, Digital Media

Through the study of web technologies and design, students learn to make informed decisions and apply the decisions to the field of information technology. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

Animation 1

Credit: 1.0

SISD Course Number: 80324

Grade: 10-12

Prerequisite: Digital Media

In Animation I with Lab, students will learn the history of Animation, principles of Animation and the various forms of Animation, specifically 2D and 3D Animation. Students will use Autodesk Maya and the Adobe Creative suite to create 3D animation models and produce short films. Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the history and techniques of the animation industry.

NOTE: *This is a 1-period course and should only be taken by third year students who do not have a 2-period block available to take the Animation 1 with Lab course.*

Animation 1 with Lab

Credit: 2.0

SISD Course Number: 80326

Grade: 10-12

Prerequisite: Digital Media

In Animation I with Lab, students will learn the history of Animation, principles of Animation and the various forms of Animation, specifically 2D and 3D Animation. Students will use Autodesk Maya and the Adobe Creative suite to create 3D animation models and produce short films. Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop an understanding of the history and techniques of the animation industry.

Note: This is a 2-period course with a laboratory co-requisite course

3. Course Descriptions

Animation 2 with Lab

Credit: 2.0

SISD Course Number: TBD

Grade: 10-12

Prerequisite: Animation I or Animation I with Lab

In Animation II, students will build upon the knowledge and skills of the animation courses and continue to delve deeper into the 2D and 3D fields of Animation to including rigging character models, developing backgrounds and environments and producing completed animation products. Careers in animation span all aspects of motion graphics. The instruction also assists students seeking careers in the animation industry. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Graphic Design and Illustration 1

Credit: 1.0

SISD Course Number: 81193

Grade: 10-12

Prerequisite: Digital Media

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. Students will utilize software programs, such as Adobe Illustrator to create digital vector files for purposes of publication and promotion. All aspects of the design cycle will be studied to produce works of digital creation.

Graphic Design and Illustration 2 with Lab

Credit: 2.0

SISD Course Number: TBD

Grade: 10-12

Prerequisite: Graphic Design and Illustration 1 with Lab

Students will continue to expand upon their knowledge and skills of the graphic design and illustration courses through demonstrated performance in executing course tasks and through the creation of digital portfolio productions. Students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills. This course will be offered beginning with the 2018-2019 school year.

AV Production 1

Credit: 1.0

SISD Course Number: 81194

Grade: 10-12

Prerequisite: Digital Media

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production of audio and video products. Students will be expected to create original short works or film projects. This course may provide training for a locally-approved work opportunity, The Seguin ISD Matador Stadium Video Board. Students will be able to utilize course knowledge and practical skills on the State's largest LED Video Board here in Seguin, TX. Students will also learn production videography and photography as well as the live production skills necessary for a successful audio/video entertainment product.

AV Production 2 with Lab

Credit: 2.0

SISD Course Number: TBD

Grade: 10-12

Prerequisite: AV Production 1

Students will continue to expand upon their knowledge and skills of the video production courses through demonstrated performance in executing course tasks and through the creation of digital portfolio productions. Students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video products. Students will have opportunities for necessary time devoted specifically to the production and post-production process of deeper and higher quality productions. This course may provide training for a locally-approved work opportunity, The Seguin ISD Matador Stadium Video Board. Students will be able to utilize course knowledge and practical skills on the State's largest LED

3. Course Descriptions

Video Board here in Seguin, TX. Students will also learn production videography and photography as well as the live production skills necessary for a successful audio/video entertainment product. This course will be offered beginning with the 2018-2019 school year.

Practicum in Information Technology

SISD Course Number: TBD

Credit: 2.0

Grade: 12

Prerequisite: Web Technologies or Video Game Design

In the Practicum in Information Technology, students will gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid or paid internship, as part of a capstone project, or as career preparation. Projects will focus on topics such as Web Design, Mobile Applications and Video Game Design. This course will be offered beginning with the 2018-2019 school year.

Mobile App Development

SISD Course Number: TBD

Credit: 1.0

Grade: 11-12

Prerequisite: Web Technologies or Video Game Design

Mobile Application Development is an advanced computing course where students will design, implement, and deliver meaningful projects using mobile computing devices. Students will identify task requirements, plan search strategies, and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards. This course will be offered beginning with the 2018-2019 school year.

Advanced Journalism: Newspaper 1

SISD Course Number: 1123

Credit: 1.0

Grade: 9-12

Recommended Prerequisite: Principles of Media: Journalism

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art, photography, and design demonstrated through the production of the school newspaper.

Advanced Journalism: Newspaper 2

SISD Course Number: 1128

Credit: 1.0

Grade: 9-12

Prerequisite: Advanced Journalism: Newspaper 1

In addition to developing advanced technical knowledge and skills, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills while producing the school newspaper.

Advanced Journalism: Newspaper 3

SISD Course Number: 1129

Credit: 1.0

Grade: 12

Prerequisite: Advanced Journalism: Newspaper 2

Students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction will be delivered through lab-based classroom experiences as the students refine skills developed in previous courses and take leadership roles as editors of the school newspaper.

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Graphic Design: Yearbook 1

Credit: 1.0

SISD Course Number: 81184

Grade: 9-12

Recommended Prerequisite: Principles of Media: Journalism

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art, photography, and design demonstrated through the production of the school yearbook.

Graphic Design: Yearbook 2

Credit: 1.0

SISD Course Number: 81185

Grade: 11-12

Prerequisite: Graphic Design: Yearbook 1

In addition to developing advanced technical knowledge and skills, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills while producing the school yearbook.

Graphic Design: Yearbook 3

Credit: 1.0

SISD Course Number: 81186

Grade: 12

Prerequisite: Graphic Design: Yearbook 2

Students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction will be delivered through lab-based classroom experiences as the students refine skills developed in previous courses and take leadership roles as editors of the school yearbook.

Audio/Video Production: Matcast 1

Credit: 1.0

SISD Course Number: 81187

Grade: 9-12

Recommended Prerequisite: Principles of Media: Journalism

Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career Program, students will have an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities through production of the weekly Matcast.

Audio/Video Production: Matcast 2

Credit: 1.0

SISD Course Number: 81188

Grade: 11-12

Prerequisite: Audio/Video Production: Matcast 1

Students continue developing an advanced understanding of the industry while refining their pre-production, production, and post-production activities. This course may be implemented in an advanced audio format or an advanced format, including both audio and video with a weekly Matcast production. This course may provide paid-training for a locally-approved work opportunity, The Seguin ISD Matador Stadium Video Board. Students will be able to utilize course knowledge and practical skills on the State's largest LED Video Board here in Seguin, TX. Students will also learn production videography and photography as well as the live production skills necessary for a successful audio/video entertainment product.

Practicum in Audio/Video Production: Matcast 3

Credit: 1.0

SISD Course Number: 81189

Grade: 12

Prerequisite: Audio/Video Production: Matcast 2

While developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career Program, students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production audio

3. Course Descriptions

and video activities in a studio environment. Students in Matcast 3 are expected to demonstrate the skills developed in previous years and take leadership roles as producers of the programs created for and through the class. This course may provide paid-training for a locally approved work opportunity, The Seguin ISD Matador Stadium Video Board. Students will be able to utilize course knowledge and practical skills on the State's largest LED Video Board here in Seguin, TX. Students will also learn production videography and photography as well as the live production skills necessary for a successful audio/video entertainment product.

Information and Technology Security

SISD Course Number: 81166 A/B, 81167 A/B1/B2

Academy Dual Credit, Year 1 and 2

Grade: 11-12

Credit: 3.0

Prerequisite: Complete all enrollment requirements of CTTC, Telecommunications and Networking recommended

The Seguin Economic Development Corporation, in partnership with the Central Texas Technology Center and St. Philip's College of San Antonio, independent school districts, and the Alamo Community College District created a dual credit Information Technology and Security Academy targeting high school juniors and seniors. The program introduces students to the technologies involved in the Information Technology Security field while imparting important work place habits. Students also participate in a summer internship between the junior and senior year in high school. Students in the program earn college credit and high school credit for the ITSA courses. Counselors can guide the students through the process of application, entrance exam and registration procedures. For a complete listing of courses taken at CTTC, see page 25.

NOTE: This is a two-year sequence of courses taught at Central Texas Technology Center (CTTC), for two periods a day, five days per week, transportation provided by SISD, bus departs daily at 7:30 AM.

Public Service Program

Human Growth and Development

SISD Course Number: 80511

Credit: 1.0

Grade: 9-11

Prerequisite:

Human Growth and Development is an examination of human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

Instructional Practices in Education and Training

SISD Course Number: 80521

Credit: 2.0

Grade: 11-12

Prerequisite: Human Growth and Development

Instructional Practices in Education and Training is a field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of instructional strategies and exemplary educators or trainers in direct instructional roles with elementary, middle school, and high school aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel. Transportation to education sites provided.

3. Course Descriptions

Practicum In Education and Training

SISD Course Number: 80562

Credit: 2.0

Grade: 12

Prerequisite: Instructional Practices in Education and Training

This is a field-based internship practicum that provides students with background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course will work closely with veteran educators modeling instructional best practices. The teaching roles and assignments of these exemplary educators will vary from elementary, middle school, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel. Transportation to educational sites provided.

Principles of Cosmetology Design and Color Theory

SISD Course Number: 81020

Credit: 1.0

Grade: 9-11

Prerequisite: None

Students will develop knowledge and skills regarding various cosmetology design elements such as form, lines, texture, structure and illusion or depth as they relate to the art of cosmetology. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the TDLR requirements for licensure upon passing the state examination.

Cosmetology 1

SISD Course Number: 81023

Credit: 2.0

Grade: 9-11

Prerequisite: Parent permission; parent and student attendance at the informational meeting is required; Students must pay a fee deposit of \$100 by June 1, and the remaining first year fees of \$200 by the first day of school. Fees are paid to the Cosmetology Instructor.

Academic as well as career and technical knowledge and skills are integrated in this laboratory-based course designed to provide job-specific training for employment in cosmetology careers. The course is a mix of classroom instruction and lab-based activities. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care. Analysis of career opportunities, requirements, employer and job expectations, and development of workplace skills are also addressed in the course. Cosmetology is a planned 1000-clock hour course that meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Students are required to register with the Texas Department of Licensing and Regulation, purchase a kit and lab jacket, etc.

Note: Course Fees are \$300 for the first year of the program. No refund is given after items have been ordered.

Cosmetology 2

SISD Course Number: 81031

Credit: 2.0

Grade: 11-12

Prerequisite: Cosmetology 1; Parent permission; Students must pay a fee deposit of \$100 by June 1, and the remaining second year fees of \$100 by the first day of school. Fees are paid to the Cosmetology Instructor.

In Cosmetology 2 students review extended academic knowledge and skills related to cosmetology. This course is designed to provide advanced training for employment in cosmetology careers. Instruction includes advanced training in sterilization and sanitation processes, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Students apply, combine, and justify knowledge and skills in a variety of settings and problems. This course

3. Course Descriptions

preps students for the cosmetology operators licensing exam for the state. Students are required by the state to have a high school diploma in order to receive a Cosmetology License.

Note: Course Fees are \$200 for the second year of the program. No refund is given after items have been ordered. In order to meet the requirement of 1000-clocked hours, students will attend class until 4:30 in the afternoons, Monday-Thursday. Transportation is available with written request.

Criminal Investigations

SISD Course Number: 81222

Credit: 1.0

Grade: 9-12

Prerequisite:

Criminal Investigation is a course that introduces students to the profession of criminal investigations. Students will understand basic functions of criminal investigations and procedures and will learn how to investigate or follow up during investigations. Students will learn terminology and investigative procedures related to criminal investigation, crime scene processing, evidence collection, fingerprinting, and courtroom presentation.

Law Enforcement 1

SISD Course Number: 81211

Credit: 1.0

Grade: 10-12

Prerequisite: Principles of Law, Public Safety, Corrections and Security

Law Enforcement 1 is an overview of the history, organization, and functions of local, state, and federal law enforcement agencies. The student will explore how constitutional law affects law enforcement procedure, functions, and daily patrol procedures. The student will be exposed to law enforcement terminology, the classifications of criminal behaviors, the theories of criminal behaviors, and the processing of a crime scene.

Forensic Science

SISD Course Number: 81223

Credit: 1.0

Grade: 11-12

Prerequisite: Biology, Chemistry

This course uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis.

Law Enforcement 2

SISD Course Number: 81221

Credit: 1.0

Grade: 11-12

Prerequisite: Law Enforcement 1

This course offers students opportunities to further prepare for a career in law enforcement. Students will learn how to use telecommunications equipment, testify in courtroom proceedings, manage crisis situations, handle domestic violence cases, implement crowd management strategies, protect against terroristic threats, interview and interrogate individuals ensuring the protection of their constitutional rights, process various crime scenes, demonstrate the use of force with the application of various restraints, process someone in custody, and be able to explain the education and training needed for a career in law enforcement and the state mandate to continue getting more education as technologies emerge in this field.

3. Course Descriptions

Health Science Program

Medical Terminology

Credit: 1.0

Prerequisite: None

Medical Terminology is designed to develop a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots and abbreviations, and by relating terms to body systems. Students identify proper use of words in a medical environment. Knowledge of medical terminology enhances the student's ability to successfully secure employment or pursue advanced education in health care.

SISD Course Number: 80812

Grade: 9-11

Health Science Theory

Credit: 1.0

Prerequisite: Medical Terminology

Health Science Theory is designed to provide development of advanced knowledge and skills related to a wide variety of health careers. Students will apply academic skills with hands-on experience, implement the knowledge and skills of a health science professional in the clinical setting, evaluate ethical behavioral standards and legal responsibilities, assesses wellness strategies for the prevention of disease and other related topics. Entry-level skills will be developed for taking vital signs, using medical terminology, providing CPR and other skills needed to work in the health care field.

SISD Course Number: 80811

Grade: 10-12

Health Science Theory/Health Science Clinical

Credit: 2.0

Prerequisite: Medical Terminology

The Health Science Clinical course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development.

SISD Course Number: 80847

Grade: 10-12

Pharmacology

Credit: 1.0

Prerequisite: Health Science Theory

The Pharmacology course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Knowledge of the properties of therapeutic agents is vital in providing quality health care.

SISD Course Number: 80813

Grade: 11-12

Practicum in Health Science:

Certified Nursing Assistant (CNA)

Credit: 2.0

Prerequisite: Health Science; must pass a criminal background check; must complete an application for CNA; must have at least 90% attendance for the previous year.

SISD Course Number: 80842

Grade: 11-12

Other Requirements:

- Must attend a student/parent meeting prior to the beginning of school and an evening meeting in April.
- Must submit completed application for the Certified Nurse Assistant Program by May 1
- Must pass a TB skin test and provide results to SHS CTE office by August 1 of the school year
- Must have a flu shot
- Must purchase set of scrubs by October 1; color TBD by instructor
- Course Fees: Nurse Aide State Certification Exam \$83– must be paid to SHS by November 1

3. Course Descriptions

The Certified Nurse Assistant course is designed for the student interested in a nursing or health careers. The course goal is for the student to become a Certified Nurse Assistant (CNA) and to pass the state licensing exam. The program is a combination of classroom, laboratory, and clinical learning that will introduce the student to all facets of the Nurse Assistant field. Content of the course includes the role and function of the CNA, anatomy and physiology, and basic patient care skills. Course instruction prepares students to qualify for the Texas Nurse Aide Competency Evaluation Exam for certification.

Practicum in Health Science:

SISD Course Number: 80843

Pharmacy Tech

Grade: 12

Credit: 2.0

Prerequisite: Health Science; must pass a criminal background check/fingerprinting check; have at least 90% attendance for the previous year

Other Requirements:

- Must attend a parent meeting prior to the beginning of school
- Must submit application for Pharmacy Tech by May 1
- Must purchase a set of scrubs to wear in internship by Nov. 1; color TBD by the instructor
- Must have a flu shot

Course Fees:

- Registration fee with the State Board of Pharmacy as Trainee \$53 –Must be paid to SHS by June 1.
- Fingerprinting and background check \$45 – must be completed by Aug. 1; records must be brought to the CTE office and be on file by Aug. 1.
- Pharmacy Technician Certification Board Exam \$129 must be paid to SHS by Feb. 1 (If the student passes the Sterile Products Exam, the school will pay for the Pharmacy Technician Certification Board Exam)

Pharmacy Tech is an occupationally specific course designed to prepare students to enter the pharmacy field and take the state Pharmacy Technician Certification Board's PTCB exam. Technicians work in hospitals, community pharmacies and other health care settings under the supervision of a registered pharmacist. Course content includes medical terminology specific to pharmacy, reading and interpreting prescriptions and defining drugs by generic and brand names. Students will learn dosage, calculations, IV flow rates, drug compounding, dose conversions, medication, preparation for dispensing, preparing unit dose medications, inventory control and billing.

Practicum in Health Science:

SISD Course Number: 80846

Emergency Medical Technician (EMT)

Grade: 12

Credit: 2.0

Prerequisite: *Health Science; must have at least 90% attendance for prior year, Anatomy and Physiology and/or Pathophysiology recommended*

Other requirements:

- Must have flu shot
- Must pass a TB skin test and provide results to SHS by Sept. 1
- Application Fee (\$64) to the Texas Department of State Health Services for ECertificate
- Fingerprint/Background Check (\$41.45) fee to L1enrollment.com at the time of application for EMT Certificate
- Testing Fee (\$70) due to SHS by March 31

The Emergency Medical Technician course is designed for students interested in careers as first responders or in other health careers. The course offers a combination of classroom, laboratory, and clinical learning that will

3. Course Descriptions

introduce the student to all aspects of the EMS field. Content of the course prepares students to meet all requirements of the EMT-Basic licensure. The course is a prerequisite for anyone wishing to pursue a career as an EMT/Paramedic. The course also covers the training most cities require of firefighters. The EMS field offers a range of career paths ranging from oil-field medic to emergency room technician.

Note: Co-enrollment in Practicum in Health Science: Certified Nurse Assistant (CNA) is discouraged. Practicum in Health Science: Clinical Rotations OR Practicum in Health Science: Pharmacy Tech are appropriate for co-enrollment.

3. Course Descriptions

CAREER AND TECHNICAL EDUCATION (CTE) COURSES

SISD Course Code	Course Title	Grade	Credit	Prerequisite	PEIMS #
81568	Principles Of Applied Engineering	9-11	1.0		13036200
7603	Computer Science I	9-12	1.0		03580200
80101	Principles of Agriculture, Food & Natural Resources	9-12	1.0		13000200
80424	Business Information Management 1	9-12	1.0		13011400
81176	Computer Programming 1	9-12	1.0		13027600
81180	Principles of Media - Journalism	9-12	1.0		13008200
81201	Prin Of Law, Public Safety, Corrections & Security	9-11	1.0		13029200
80801	Principles Health Science	9-12	1.0		13020200
81569	Robotics 1	9-11	1.0	X	13037000
TBD	Robotics 2	10-11	1.0	X	13037050
TBD	Practicum in STEM	12	2.0	X	13037400
2152	Computer Science II	10-12	1.0	X	03580300
2153	Computer Science III	10-12	1.0	X	03580350
81572	Game Programming and Design	10-12	1.0	X	03580380
2123	AP Computer Science Principles	9-11	1.0		A3580300
2122	Computer Science A Advanced Placement	10-12	1.0	X	A3580100
TBD	Mobile Application Development	11-12	1.0	X	03580390
80116	Agricultural Mechanics & Metal Technologies	10-12	1.0	X	13002200
80127	Ag. Structures Design & Fabrication	12	1.0	X	13002300
80130	Ag. Structures Design & Fabrication w/Lab	12	2.0	X	13002310
80112	Equine Science	9-12	0.5	X	13000500
80114	Small Animal Management	9-12	0.5	X	13000400
80111	Livestock Production	10-12	1.0	X	13000300
80115	Wildlife, Fisheries & Ecology Management	10-12	1.0	X	13001500
80132	Advanced Animal Science	10-12	1.0	X	13000700
80122	Veterinary Medical Applications	11-12	1.0	X	13000600
80141	Practicum In Agriculture, Food & Natural Resources	12	2.0	X	13002500
80214	Construction Technology 1	9-12	2.0		13005100
80224	Construction Technology 2	10-12	2.0	X	13005200
TBD	Practicum in Construction Technology	11-12	2.0	X	13005250
80426	Global Business	9-12	0.5		13011800
80427	Virtual Business	9-12	0.5		13012000
TBD	Business Management	10-12	1.0	X	13012100
80433	Business Information Management 2	10-12	1.0	X	13011500
80615	Accounting I	10-12	1.0	X	13016600
80621	Accounting II	11-12	1.0	x	13016700
81416	Entrepreneurship	10-12	1.0		13034400
80413	Business Law	10-12	1.0		13011700

3. Course Descriptions

81011	Dollars And Sense	9-12	0.5		13024300
81018	Banking and Finance	9-12	0.5		13016300
80444	Health Informatics	11-12	1.0	X	13020960
80443	Practicum In Business Management	12	2.0	X	13012200
80441	Practicum In Business Management: Health Information	11-12	2.0	X	13012200
81312	Welding I	9-12	2.0	X	13032300
81322	Welding II	10-12	2.0	X	13032400
76040	Practicum In Manufacturing	12	2.0	X	13033000
81361A/B	ATMA, Year 1	11-12	3.0	X	13032500/ 13032900
81362A/B	ATMA, Tear 2	11-12	3.0	X	13032600/ 13032950
81177	Computer Programming 2	10-12	1.0	X	13027700
81113	Digital Media	9-12	1.0	X	13027800
TBD	Video Game Design	10-12	1.0	X	13009970
81123	Web Technologies	10-12	1.0	X	13027900
80324	Animation 1	10-12	1.0	X	13008300
80326	Animation 1 / Animation 1 Lab	10-12	2.0	X	13008310
TBD	Animation 2/Animation 2 Lab	10-12	2.0	X	13008410
81193	Graphic Design and Illustration I	10-12	1.0	X	13008800
TBD	Graphic Design and Illustration 2 w/Lab	10-12	2.0	X	13008910
TBD	Practicum in Information Technology	12	2.0	X	13028000
81194	Audio/Video Production I	10-12	1.0	X	13008500
TBD	Audio/Video Production 2 w/Lab	10-12	2.0	X	13008610
1123	Advanced Journalism: Newspaper 1	9-12	1.0	X	03230140
1128	Advanced Journalism: Newspaper 2	10-12	1.0	X	03230150
1129	Advanced Journalism: Newspaper 3	12	1.0	X	03230160
81184	Graphic Design: Yearbook 1	9-12	1.0	X	13008800
81185	Graphic Design: Yearbook 2	11-12	1.0	X	13008900
81186	Graphic Design: Yearbook 3	12	2.0	X	13009000
81187	Audio Video Production: Matcast 1	9-12	1.0	X	13008500
81188	Audio Video Production: Matcast 2	11-12	1.0	X	13008600
81189	Audio Video Production: Matcast 3	12	2.0	X	13008700
81166A/B	ITSA, Year 1	11-12	3.0	X	13027500/ 13027400
81167A/B	ITSA, Year 2	11-12	3.0	X	13027700/ N1302810/ 13027900
80511	Human Growth & Development	9-11	1.0	X	13014300
80521	Instructional Practices	11-12	2.0	X	13014400
80562	Practicum In Education & Training	12	2.0	X	13014500
81020	Principles Of Cosmetology Design And Color Theory	9-11	1.0		13025050
81023	Cosmetology I	9-11	2.0	X	13025200
81031	Cosmetology II	11-12	2.0	X	13025300
81211	Law Enforcement I	10-12	1.0	X	13029300

3. Course Descriptions

81221	Law Enforcement II	11-12	1.0	X	13029400
81223	Forensic Science	11-12	1.0	X	13029500
81222	Criminal Investigation	9-12	1.0	X	13029550
80812	Medical Terminology	9-11	1.0		13020300
80811	Health Science Theory	10-12	1.0	X	13020400
80847	Health Science Theory / Health Science Clinical	10-12	2.0	X	13020410
80813	Pharmacology	11-12	1.0	X	13020950
80842	Practicum In Health Science: CNA	12	2.0	X	13020500
80843	Practicum In Health Science: Pharm Tech	12	2.0	X	13020500
80846	Practicum In Health Science: EMT	12	2.0	X	13020500

4. 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 2017-2018 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	Entered grade 9 in the 2014–15 school year or after
AP	1.10
Dual Credit	1.10
Pre-AP/ Accelerated	1.05
Regular	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 in the graduating class of 2016 or 2017, 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.

Breaking Grade Average Ties

Beginning with the graduating class of 2018, in case of a tie in weighted numerical grade averages after calculation to the thousandths place, the District shall calculate a weighted numerical grade average using only

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eligible grades in weighted courses taken by each student involved in the tie. If the tie is not broken after applying this method, the District shall recognize all students involved in the tie as sharing the honor and title.

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

4. Other Information

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 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/default.aspx?name=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/default.aspx?name=ci.accelerationexams>.

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.

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:

- attend an early college high school
- 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

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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 Special Education website at

<http://www.seguin.k12.tx.us/default.aspx?name=specialeducation.home>.

Testing Information

NOTE: All fees listed below are subject to change according to testing agency. For the most current testing fees, please refer to testing agency websites listed above, if applicable.

Advanced Placement (AP) Exams

- College Board AP Exams are given once in May for specific AP courses.
- AP Exam scores range from 1-5, with most colleges awarding credit hours for scores of 3 or better.
- Students should check with individual colleges and universities for their requirements.
- Students register during the spring semester in their AP classes.

American College Test (ACT)

- The ACT is typically taken by Juniors and Seniors.
- The ACT assesses general educational development and covers four skill areas: English, Mathematics, Reading, and Science. The Writing Test is optional, but many colleges and universities now require it for students submitting ACT scores.
- Scores range from 1-36 on each section; an overall composite score of 1-36 is given.
- The ACT is administered six times per year in the United States.
- The ACT is the most widely accepted college entrance exam in the United States.
- Students can register by mail or on-line at www.actstudent.org. Registration is required about four weeks in advance of each test date. Information is available in the counseling office.

Armed Services Vocational Aptitude Battery (ASVAB)

- Grades 10-12
- The ASVAB is the most widely used multiple-aptitude test battery in the world.
- All students are eligible to take this test, which is usually offered during the fall semester.
- Students planning a career in the military should take the ASVAB, but the test assesses academic ability and predicts success in a wide variety of occupations for all students.
- This exam is offered free of charge, each semester.
- Students should sign up with their counselors.

4. Other Information

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.
- The PSAT/NMSQT covers Mathematics, Reading, and Writing and is great practice for the SAT.
- There is no charge to student, all costs incurred by Seguin ISD.
- Students should sign up with their counselors in September.

Scholastic Aptitude Test (SAT)

- The SAT is one of two entrance exams required by most four-year colleges and universities.
- The SAT is typically taken by Juniors and Seniors.
- The SAT measures critical thinking skills and includes three sections: Evidenced-Based Reading and Writing, and Mathematics. Each section is scored on a scale of 200-800.
- The SAT is administered seven times per year in the United States.
- Students can register by mail or on-line at www.sat.collegeboard.org. Registration is required about four weeks in advance of each test date.

SAT Subject Tests

- The SAT Subject Tests are designed to measure knowledge and skills in a particular content area.
- Many colleges use the Subject Tests for admission to a particular degree program and for course placement.
- Subject Tests are offered in five general areas: English, History and Social Studies, Languages, Mathematics, and Science. Each section is scored on a scale of 200-800.
- The SAT subject tests are administered seven times per year in the U.S.
- Students can register by mail or on-line at www.sat.collegeboard.org. Registration is required about six weeks in advance of each test date.

Texas Success Initiative Assessment (TSI)

- The Texas Success Initiative assessment is designed to help determine if you are ready for college-level course work in the general areas of reading, writing and mathematics.
- The results of the assessment, in conjunction with your academic background, goals and interests, are used by academic advisers and counselors to place you in the appropriate courses that match your skill level.
- This assessment is required for some dual credit courses. Refer to the Dual Credit course listing on page 16 for specific score requirements.
- There is no charge to students, all costs incurred by Seguin ISD
- Students should sign up with their counselors in November