

Santa Rita High School Course Guide 2021-2022



TUCSON UNIFIED
SCHOOL DISTRICT

Santa Rita High School
(520) 731-7500
<http://www.tusd1.org/santarita>

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- SRHS has a comprehensive offering of core academic classes for our Exceptional Education (exEd) students. Placement into ExEd classes is contingent upon staff review of each student's Individual Education Plan (IEP).

ALL SRHS students will make course selections for core academic and elective classes, which are then evaluated by SRHS staff to determine eligibility.

□: Actual course offerings for 2021-2022 subject to change. Course sections are determined by several variables, including but not limited to student interest; teacher availability; staff qualifications and scheduling availability. Final course guide revision has removed courses that are NOT being offered during 2021-22

SANTA RITA HIGH SCHOOL

Administration (520) 731-7500

Tamara Ray Principal
 Rosalinda Rodriguez Assistant Principal

Student Support (520) 731-7506

Kirk Perrini Counselor

Academic Class Standing and Credits

Class standing is determined by credits earned:

9 th Grade/Freshman	0-6 credits
10 th Grade/Sophomore	6.5-12 credits
11 th Grade/Junior	12.5-17.5 credits
12 th Grade/Senior	18-23+ credits

Credits are earned for successful course completion. Class credit earned is determined as follows:
 1 Credit for a full year course, and 0.5 Credit for a one semester course. NOTE: A student may graduate with more than 23 credits. Refer to "Requirements for High School Graduation" (p.4).

Drop/Add – Schedule Changes

Students will NOT be permitted to add/drop a class after the first 10 school days of a semester due to the amount of instruction missed during that time frame.

TUSD Governing Board Policy IKF

Four full years of attendance are required; however, a student may accelerate his/her educational program and graduate without four (4) complete years with the approval of the principal or designee.

*All SRHS students must take a full load of academic courses, depending on school schedules.

A full academic course load may include, but is not limited to:

- Any TUSD high school
- JTED programs
- Pima Community College or other higher education courses
- Distance Learning
- Correspondence course
- Work experience
- Internships

* This requirement may be waived based on circumstances of the individual requestor. A "*Request for a Reduced Schedule*" form must be submitted to SRHS administration for consideration.

Requirements for High School Graduation

Subject Area	TUSD Grad Requirements	Minimum Requirements for Public AZ Universities
Career & Technical Education (CTE) or Fine Arts	1	1 Fine Art
English/Language Arts	4	4
Mathematics	4	4
Science	3	3
Social Studies	3	2
Physical Education	1	--
Health	.5	--
World Language	--	2 of same language
Electives*	6.5	--
TOTAL	23	16 Core Courses

*Electives are courses not required for graduation. For example, if you take four years of social science, one year (1 credit) counts toward your 6.5 electives since only three years are required for graduation. World language classes are electives, since TUSD nor the State of AZ require them for graduation. Two years of the same world language are generally required for most four-year colleges and universities.

Middle school credits from Algebra I and World Languages will count towards high school graduation requirements. An official middle school transcript may need to be furnished to the SRHS Registrar.

Additional Arizona Graduation Requirements

Civics

Beginning with the graduating class of 2017, high school graduates are required to pass (60/100) multiple-choice civics test identical to the civics portion of the naturalization test used by the U.S. Citizenship and Immigration Services.

CPR (Cardiopulmonary Resuscitation)

Effective July 1, 2019, all public high school graduates are required to provide students with age-appropriate training in CPR using psychomotor skills. Students enrolled full time in online classes are not required to complete the hands-on portion of the training. This is in effect for the Class of 2020, moving forward.

Santa Rita High School

Four Year Plan of Study

Grade	Fall Semester	Spring Semester
9	Integrated Science 1	Integrated Science 2
	English 9A	English 9B
	Health	Physical Education
	Math (usually Algebra IA)	Math (usually Algebra IB)
	World History/Geography A	World History/Geography B
	Elective 1A: _____	Elective 1B: _____
	Elective 2A: _____	Elective 2B: _____
10	Biology A or Biotechnology 1	Biology B or Biotechnology 2
	English 10A	English 10B
	Math (usually Geometry 1)	Math (usually Geometry 2)
	Elective 1A: _____	Elective 1B: _____
	Elective 2A: _____	Elective 2B: _____
	Elective 3A: _____	Elective 3B: _____
	Elective 4A: _____	Elective 4B: _____
11	Biotechnology 3 or Chemistry 1	Biotechnology 4 or Chemistry 2
	English 11A or WRT 101A	English 11B or WRT 101B
	Math (usually Algebra IIA)	Math (usually Algebra IIB)
	American History 1	American History 2
	Elective 1A: _____	Elective 1B: _____
	Elective 2A: _____	Elective 2B: _____
	Elective 3A: _____	Elective 3B: _____
12	American Government	Economics or ECN 150
	English 12A, WRT 101A* or WRT 102A	English 12B, WRT 101B* or WRT 102B
	Math Year 4	Math Year 4
	Elective 1A: _____	Elective 1B: _____
	Elective 2A: _____	Elective 2B: _____
	Elective 3A: _____	Elective 3B: _____
	Elective 4A: _____	Elective 4B: _____

*WRT 101 is a Dual Enrollment Pima Community College course primarily for juniors. Seniors may take the course if space is available.

2021-2022 COURSE LIST SANTA RITA HIGH SCHOOL

Career & Technical Education (CTE)

Biotechnology 1,2<
 Biotechnology 3,4**<
 Culinary Arts 1,2
 Culinary Arts 3,4**+
 Culinary Arts 5,6**+
 Culinary Arts: Pastry/Baking 3,4**
 Intro to Computer Science 1,2
 AP Computer Science Principles 1,2*
 Dental Assisting 1,2
 Dental Assisting 3,4**
 Dental Assisting 5,6**
 Diesel Engine Repair 1,2
 Diesel Engine Repair 3,4**
 Diesel Engine Repair 5,6**
 Entrepreneurship 1,2
 Entrepreneurship 3,4**

English/Language Arts

English 9 A, B
 English 9 GATE A,B
 English 10 A, B
 English 10 Honors A, B
 English 11 A, B
 WRT 101 A, B+**
 English 12 A, B Cult Rel Afr Am Viewpoint
 WRT 102 A, B+

Fine Arts

Beginning Art 1,2
 Intermediate Art 1,2**
 Advanced Art 1,2**
 AP Studio Art 2D Design 1,2
 Guitar 1,2
 Vocal Music Ensemble 1,2
 Beginning Theater 1,2
 Intermediate Theater 1,2**
 Advanced Theater 1,2**

General Electives

Advisory (.25 cr per semester)
 Credit Recovery (no credit)
 Journalism/Yearbook
 Office Aide
 Response to Intervention (RTI) ELA and/or Math
 Spanish 1,2
 Spanish 3,4**
 Student Government
 Student Success Skills STU 100+

Mathematics

Algebra I A, B
 Geometry 1,2**
 Geometry 1,2 Honors**
 Algebra II A, B**
 Mathematical Finance 1,2*
 MAT 151 A, B **+

Physical Education & Health

Health
 Coed Physical Education 1,2
 Weight Training 1,2

Science

Anatomy & Physiology 1,2#
 Biology 1,2
 Biotechnology 1,2 <
 Biotechnology 3,4**<
 BIO 105 A, B+
 Integrated Science 1,2
 Integrated Science Honors 1,2

Social Studies

American History 1,2
 American Government
 Economics
 ECN 150+
 World History/Geography
 World History/Geography Honors

KEY:

** = prerequisite course needed

^ = ExEd courses are determined for individual students during IEP evaluation

+ = PCC Dual Enrollment course

< = Biotechnology 1,2, meets Biology standards; Biotechnology 3,4 meets Chemistry standards

= 4th year Science Elective; does NOT satisfy 1 of 3 years of science needed for graduation

Career and Technical Education (CTE)

BIOTECHNOLOGY 1,2

Students will use multiple modern molecular lab techniques such as micropipetting, DNA extraction, DNA amplification and visualization of DNA on electrophoresis gels to investigate authentic research questions. Students will learn how to prepare DNA for sequencing and how to interpret DNA sequences; learn how to grow and work with bacteria and other micro-organisms using sterile technique, how to clone genes and to introduce genes into bacteria. Classes may collaborate with a research lab to do authentic research-based projects. Students will acquire skills needed to pursue higher education or to enter industry workforce in careers related to Biotechnology.

Course Code(s): 03091 / 03092
Grades: 10-12

Length of Course: Two Semesters
Prerequisite: Any Lab Science

BIOTECHNOLOGY 3,4

Students collaborate with a research lab to do authentic research-based projects. Students will further develop skills that integrate many different laboratory research techniques needed to pursue higher education or to enter industry workforce in careers related to Biotechnology. College credit may be available for this course. This course may meet AZ Standards for Chemistry.

Course Code(s): 03093 / 03094
Grades: 11-12

Length of Course: Two Semesters
Prerequisite: Biotechnology 1,2

CULINARY ARTS 1,2

Students begin completing standards in the Culinary Arts program designed to prepare students to apply technical knowledge and skills required for food production and service occupations in institutional and commercial food establishments.

Course Code(s): 09055 / 09056
Grades: 9-12

Length of Course: Two Semesters
Prerequisite: None

CULINARY ARTS 3,4

Master knife skills, explore regional cooking methods, advanced baking techniques, and front of the house operations using state-of-the-art equipment. Gain on-the-job experiences through student-run catering events. Eligible students may earn Pima Community College Credit.

Course Code(s): 09057 / 09058
Grades: 10-12

Length of Course: Two Semesters
Prerequisite: Culinary Arts 1,2

CULINARY ARTS 5,6

Students will take what they have learned in the previous years and lead teams of students in planning, quoting, preparing and serving catering meals onsite and offsite. In addition, this group of students will focus on competition for professional and culinary based state competitions like C-CAP and FCCLA. Eligible students may earn Pima Community College Credit.

Course Code(s): 09059 / 09060
Grades: 11-12

Length of Course: Two Semesters
Prerequisite: Culinary Arts 3,4

Career and Technical Education (CTE)

CULINARY ARTS: PASTRY & BAKING 3,4

This advanced course provides Culinary Arts students an introduction to technical knowledge and skills required for food production and service for pastry and baking. Eligible students may earn Pima Community College Credit.

Course Code(s): 09A057 / 09A058
Grades: 10-12

Length of Course: Two Semesters
Prerequisite: Culinary Arts 1,2

INTRO TO COMPUTER SCIENCE 1,2

This class is built around the University of California's CS10 course. It explores a variety of basic computational thinking and programming concepts through a project-based learning environment. Curriculum is provided through TEALS.

Course Code(s): 04515 / 04516
Grades: 9-12

Length of Course: Two Semesters
Prerequisite: None

AP COMPUTER SCIENCE PRINCIPLES 3,4

This second year of the Computer Science program is built around fundamentals of computing, including problem solving, working with data, understanding the internet, cybersecurity and programming.

Course Code(s): 04917 / 04918
Grades: 10-12

Length of Course: Two Semesters
Prerequisite: Intro to Computer Science 1,2

DENTAL ASSISTING 1,2

Fundamentals of dental assisting. If you are interested in the dental field and ready to get established in a rewarding professional career, you could have a bright future in Dental Assisting. In this first year, students will learn basic dental sciences, along with oral anatomy and health, infection control, introduction to patient care and anesthesia and sedation.

Course Code(s): 09C841 / 09C842
Grades: 10,11,12

Length of Course: Two Semesters
Prerequisite: None

DENTAL ASSISTING 3,4

This second-year course will provide more extensive instruction on the principles and techniques of dental assisting. Includes tooth morphology of human dentition, hand and rotary dental instruments, instruments used in various operative procedures and chair side procedures. In addition, principles of dental radiography as a diagnostic aid, including radiation protection and biology. Also, clinic experience in exposing, processing, mounting and interpreting radiographs on mannequins using a variety of radiographic techniques.

Course Code(s): 09C843 / 09C844
Grades: 11,12

Length of Course: Two Semesters
Prerequisite: Dental Assisting 1,2

Career and Technical Education (CTE)

DENTAL ASSISTING 5,6

Dental Assisting students in year three will continue to expand their knowledge and skills from the first two years. This course will focus on mastering chairside assisting skills and learning expanded functions as well as possible internships in dental offices.

Course Code(s): 09C845 / 09C846
Grades: 12

Length of Course: Two Semesters
Prerequisite: Dental Assisting 3,4

DIESEL ENGINE REPAIR 1,2

Students are exposed to a variety of tools, equipment, and tasks involved in introducing them to the automotive industry. Students will learn how to approach engine and vehicle systems with an informed, systematic approach on how to perform repair and preventative maintenance in a professional and safe shop setting. Students will learn fundamentals of electrical systems, proper use and care of tools, general and personal shop safety. Students will also learn and perform basic vehicle service tasks as tire maintenance, lubrication and under hood service.

Course Code(s): 09C041 / 09C042
Grades: 10-12

Length of Course: Two Semesters
Prerequisite: None

DIESEL ENGINE REPAIR 3,4

In this second-year course, students will continue to develop skills in problem solving, diagnosis, and professional skills. This course continues with a focus on diesel engine applications and fuel systems. Additionally, students in grades 11 and 12 will have the option to begin acquiring multiple industry certifications and apply for internships, while continuing to develop professional skills.

Course Code(s): 09C043 / 09C044
Grades: 10-12

Length of Course: Two Semesters
Prerequisite: Diesel Engine Repair 1,2

DIESEL ENGINE REPAIR 5,6

Third year advanced students will hone their knowledge and skills in select vehicle and engine systems with the goal of gaining mastery level on task. Industry certification in the form of Automotive Service Excellence exams and manufacturer programs is the primary learning focus, with 80% of class time performing hands on tasks in the school shop environment.

Course Code(s): 09C045 / 09C046
Grades: 10-12

Length of Course: Two Semesters
Prerequisite: Diesel Engine Repair 3,4

Career & Technical Education (CTE)

ENTREPRENEURSHIP 1,2

Students will begin to learn the process of business operation and explore the process of starting, owning and managing a business addressing the Business Management and Administrative Services standards.

Course Code(s): 02205 / 02206
Grades: 10-12

Length of Course: Two Semesters
Prerequisite: None

ENTREPRENEURSHIP 3,4

Second year students will continue learning the processes of business operation and explore the process of starting, owning and managing a business while addressing the Business Management and Administrative Services standards.

Course Code(s): 02219 / 02220
Grades: 10-12

Length of Course: Two Semesters
Prerequisite: Entrepreneurship 1,2

English/Language Arts

ENGLISH 9 A, B

Freshman English will emphasize critical reading, writing, speaking, listening, and thinking skills as outlined in the Arizona Standards to provide a solid foundation with English skills.

Course Code(s): 05001 / 05002
Grades: 9

Length of Course: Two Semesters
Prerequisite: None

ENGLISH 9 GATE A, B

The content and study required in this class is more concentrated and rigorous than that of Freshman English. The course emphasizes effective written communication. Writing skills are enhanced through a study of grammar and sentence patterns. Literary elements, vocabulary and conventions are emphasized.

Course Code(s): 05009 / 05010
Grades: 9

Length of Course: Two Semesters
Prerequisite: None

ENGLISH 10 A, B

Sophomore English continues to emphasize critical reading, writing, speaking, listening, and thinking skills as outlined in the Arizona Standards to provide a solid foundation with English skills. Students will focus on vocabulary development and reading comprehension strategies through understanding literary, functional and persuasive text and test-taking skills.

Course Code(s): 05013 / 05014
Grades: 10

Length of Course: Two Semesters
Prerequisite: English 9

ENGLISH 10 HONORS A, B

This is an enriched course surveying short stories, essays, drama and novels. Selected works by world recognized authors are included. Students review basic sentence structure to understand and practice correct usage. They refine their writing skills and add variety exploring theme and character development. Research papers and persuasive essays are also required. Students study AIMS skills within the context of their reading and writing assignments. The course requires additional in-class reading and writing as well as a heavier homework load. Students are subject to high expectations, particularly regarding the development of critical thinking skills and the ability to successfully complete complex writing tasks.

Course Code(s): 05019 / 05020
Grades: 10

Length of Course: Two Semesters
Prerequisite: English 9

English/Language Arts

ENGLISH 11 A, B

Junior English emphasizes mastery in the areas of reading, writing, listening, speaking, and critical thinking. Junior English explores the genres and eras of American literature by reading and critically analyzing personal experience narratives, essays, historical accounts, speeches, and fiction, including short stories, novels, and dramas. Students see the juxtaposition of American literature with American history and their impact on the world and individual today. Students develop and refine writing skills writing persuasive essays and speeches, literary analyses, and narratives. Special projects, oral presentations, and collaborative group work are included to further develop speaking and listening skills. Composition lessons focus on organization, work choice, sentence fluency, and the research process including MLA format and documentation.

Course Code(s): 05025 / 05026
Grades: 11

Length of Course: Two Semesters
Prerequisite: English 10

WRT 101 A, B WRITING FUNDAMENTALS I

This PCC Dual Enrollment credit course is designed for juniors who are interested in earning college credit and developing their college-level writing skills. Students who complete this course will be prepared for more advanced writing work in the university setting. *Students must meet PCC Writing Assessment eligibility score.*

Course Code(s): 05071 / 05072
Grades: 11, 12

Length of Course: Two Semesters
Prerequisite: B or better in English 10

ENGLISH 12 A, B CULTURALLY RELEVANT AFRICAN AMERICAN VIEWPOINT

This course explores the ways in which various African American and some Anglos and other authors have written about race, class and gender. Among the course's concepts are the intersection of race, class and gender, and the ways in which the writers reflect and or transcend their culture.

Course Code(s): 05167 / 05168
Grades: 12

Length of Course: Two Semesters
Prerequisite: English 11

WRT 102 A, B: WRITING FUNDAMENTALS II

This second PCC Dual Enrollment credit course in college writing includes beginning practice in reading, analyzing, and discussing various types of texts and beginning practice in writing analytical or critical papers.

Course Code(s): 05114 / 05115
Grades: 12

Length of Course: Two Semesters
Prerequisite: WRT 101 with grade of C or better

Fine Arts

BEGINNING ART 1,2

First year students' study, appreciate and produce two and three dimensional (2D/3D) works of art. Art elements and design principles will be stressed through the production of sequentially complex projects demonstrating mastery in concepts, composition, and execution. Exploration of techniques will be studied in varied mediums.

Course Code(s): 06101 / 06102
Grades: 9, 10, 11, 12

Length of Course: Two Semesters
Prerequisite: None

INTERMEDIATE ART 1,2

Second year students will continue to make improvements in their two- and three-dimensional (2D/3D) drawing, color, and composition skills using a variety of techniques and materials. Students will prepare a personal sketchbook, a portfolio of completed projects, and artwork for exhibition.

Course Code(s): 06091 / 06092
Grades: 10, 11, 12

Length of Course: Two Semesters
Prerequisite: Beginning Art 1,2

ADVANCED ART 1,2

Third year students will address a very broad interpretation of drawing issues and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and illusion of depth and drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. Abstract, observational, and inventive works may demonstrate drawing competence.

Course Code(s): 06007 / 06008
Grades: 11, 12

Length of Course: Two Semesters
Prerequisite: Intermediate Art 1,2

AP STUDIO ART 2D DESIGN 1,2

This course addresses two-dimensional (2-D) design issues. Students will make purposeful decisions using the elements and principles of art in an integrative manner. This may include, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting, and printmaking.

Course Code(s): 06910 / 06915
Grades: 9, 10, 11, 12

Length of Course: Two Semesters
Prerequisite: None

Fine Arts

GUITAR 1,2

This course is for the student with little or no musical experience. It is designed to develop specific skills of tone production, reading standard notation, chord symbols, rhythm, tuning, right and left-hand motor skills, and basic chord patterns in many keys. Students will explore blues, folk songs, and popular music. This class enables students to play as a soloist and accompanist to other instruments. Basic music theory will be emphasized.

Course Code(s): 06087 / 06088
Grades: 9, 10, 11, 12

Length of Course: Two Semesters
Prerequisite: None

INSTRUMENTAL MUSIC 1,2

This course is for students who have no experience with music. This course will teach students the foundations of music. Students will learn to read, write and perform music, general music history, the physics of sound, and keyboard technique. Students will reinforce the lessons by playing a variety of musical styles on a variety of instruments. This is a non-performing class.

Course Code(s): 06025 / 06026
Grades: 9, 10, 11, 12

Length of Course: Two Semesters
Prerequisite: None

VOCAL MUSIC ENSEMBLE 1,2

This course instructs students in the most advanced vocal music standards towards artistry. Students will perform a wide range of choral literature including sacred, secular, contemporary with strong emphasis on sight-reading, vocal techniques applied to ensembles, and solo work both accompanied and unaccompanied. Multiple performances are a required component of this class.

Course Code(s): 06031 / 06032
Grades: 9, 10, 11, 12

Length of Course: Two Semesters
Prerequisite: None

THEATER ARTS, BEGINNING 1,2

This course is designed to introduce students to all aspects of theatre. This will include theatre history, acting, scene study, improvisation, lighting, sound costumes, props, makeup, set design, playwriting, play production, and individual as well as group performance.

Course Code(s): 06067 / 06068
Grades: 9, 10, 11, 12

Length of Course: Two Semesters
Prerequisite: None

THEATER ARTS, INTERMEDIATE 1,2

Students in this course will study and practice advanced level acting, technical theatre and theatre history. They will also produce one full length play as well as shorter productions as determined by the teacher. This class intends to foster a deeper appreciation of the dramatic arts and the universality of theatre. This course may be repeated for credit.

Course Code(s): 06069 / 06070
Grades: 10, 11, 12

Length of Course: Two Semesters
Prerequisite: Theater Arts, Beginning 1,2

Fine Arts

THEATER ARTS, ADVANCED 1,2

Students in this course will produce several full-length performances while continuing to enhance their acting, script analysis and technical theatre skills. They will analyze the educational and aesthetic values of theatre and their own potential through the dramatic process. There is a significant amount of community events; state and local theatre festivals. Students will produce several full-length productions while continuing to enhance their acting skills, set design and production knowledge. They will analyze the educational and aesthetic values of drama and their own potential through the dramatic process. Emphasis is placed on the application of literary analysis to acting skills, production, and the performance of plays to the paying public. Portfolio work is also required for all students. Frequent mandatory after school rehearsals **is** during the year, twice a week (usually 4:30-7:00pm). Some weekend rehearsals/ workshops may be required. Accommodations will be attempted for employed/ other extracurricular involved students. **\$50 Performance Fee.**

Course Code(s): 06069 / 06070

Grades: 11, 12

Length of Course: Two Semesters

Prerequisite: Theater Arts, Intermediate 1,2

General Electives

ADVISORY 1,2

The Advisory program is offered to ALL SRHS students, earning .25 credits per semester (.5 Elective credit per year). Advisory period promotes healthy student development and college, career and life readiness by helping students adjust to school and by building community among students. Advisory also promotes academic success via academic advising and coaching from advisors. Finally, Advisory ensures that all students have at least one adult on campus who knows them well.

Course Code(s): 15075 / 15076
Grades: 9, 10, 11, 12

Length of Course: Two Semesters
Prerequisite: None

GENERAL CREDIT RECOVERY (GCR) 1,2

This non-credit elective is for 10th, 11th and 12th graders who have failed one or more classes to work on graduation requirements, using APEX online curriculum during the school day in a supervised classroom. Students may also work on these credits outside of the GCR classroom as well.

Course Code(s): 20002 / 20003
Grades: 10, 11, 12

Length of Course: Two Semesters
Prerequisite: None

JOURNALISM ADVANCED / YEARBOOK 1,2

This course helps produce The Eyrie, the Santa Rita High School yearbook. In this course, students will gain skills in the following areas: page design, publishing techniques, copy writing, editing, photography, record keeping, time management, teamwork, marketing, and leadership skills. Students are tasked with producing a timeless, creative, and innovative publication which will record our school's community, memories, and events. This class in charge of creating and marketing the yearbook of the year(s) they are in this course. This course may be repeated for credit.

Course Code(s): 15042 / 15043
Grades: 9, 10, 11, 12

Length of Course: Two Semesters
Prerequisite: None

OFFICE AIDE 1,2

This Pass/Fail elective offers students the opportunity to provide administrative support to Santa Rita HS staff. Professional expectations are present, and students will complete assigned tasks each class period. This class may be repeated.

Course Code(s): 15303 / 15304
Grades: 11, 12

Length of Course: One or Two Semesters
Prerequisite: SRHS Office Staff Signature

RESPONSE TO INTERVENTION – ENGLISH LANGUAGE ARTS

Response to Intervention offers struggling students supplements to primary and secondary intervention in English/Language Arts. Programs are developed formatively using systematic progress monitoring. Progress data is used to determine return to primary English instruction.

Course Code(s): 15181 / 15182
Grades: 9, 10, 11, 12

Length of Course: One or Two Semesters
Prerequisite: SRHS Staff Recommendation

General Electives

RESPONSE TO INTERVENTION - MATH

Response to Intervention offers struggling students supplements to primary and secondary intervention in Mathematics. Programs are developed formatively using systematic progress monitoring. Progress data is used to determine return to primary Math instruction.

Course Code(s): 15117 / 15118
Grades: 9, 10, 11, 12

Length of Course: One or Two Semesters
Prerequisite: SRHS Staff Recommendation

SPANISH 1,2

This course, designed for non-native Spanish speakers, will introduce basic pronunciation including the Spanish alphabet. Basic vocabulary such as numbers, color, days of week, etc. will be introduced. Grammar will be used as a basis for developing writing skills and an understanding of Spanish sentence structure and composition. Basic conversation skills will be developed as an extension of pronunciation and grammar knowledge. The cultural aspects of the language will also be explored through study of customs, traditions, and history of Spanish speaking regions around the world.

Course Code(s): 12111 / 12112
Grades: 9, 10, 11, 12

Length of Course: Two Semesters
Prerequisite: None

SPANISH 3,4

The second-year Spanish course continues to prepare students to communicate in Spanish, both in production and comprehension. Topics for listening, speaking, reading and writing include a review of first year topics and an emphasis on discussing events that happened in the past. Other topics include giving commands and making comparisons. Lessons have a greater focus on grammar. Cultural lessons expand upon students' knowledge of cultural topics presented in first year Spanish.

Course Code(s): 12311 / 12312
Grades: 9, 10, 11, 12

Length of Course: Two Semesters
Prerequisite: Spanish 1,2

STU 100: COLLEGE STUDY SKILLS

This PCC Dual Enrollment elective is an introduction to the skills for being a successful, confident college student, including study strategies, college resources, time management and life choices.

Course Code(s): 02013
Grades: 10, 11, 12

Length of Course: One Semester
Prerequisite: None

STUDENT GOVERNMENT 1,2

The student council is comprised of students elected as representatives of the student body, plans, and implements programs and activities that contribute to the school spirit and school involvement. This course may be repeated for credit.

Course Code(s): 15008 / 15011
Grades: 9, 10, 11, 12

Length of Course: Two Semesters
Prerequisite: ONLINE APPLICATION

<https://forms.office.com/Pages/ResponsePage.aspx?id=4FBwvMxLCUiSReqLZQhIZQ4DtIGNkttKn0oj239pAP5UQ0ZFQ042OUtYTIVOUVpTWIhFSE5ZREU0WS4u>

Mathematics

ALGEBRA I A, B

This first-year course is an introduction to basic algebra. It includes translating written statements into algebraic expressions, linear equations, linear inequalities, graphing, integer exponents, and polynomials. Also includes factoring, literal equations, square roots, quadratic equations, systems of equations, and optional topics.

Course Code(s): 13001 / 13002
Grades: 9, 10, 11,12

Length of Course: Two Semesters
Prerequisite: None

ALGEBRA II A, B

This third-year course extends and applies the concepts of algebra and geometry and prepares students for enrollment in Precalculus. This serves as one of the math requirements for entrance at the college/university level. The curriculum includes lines in the plane, systems of linear equations, inequalities, polynomial, rational expressions and equations, and radical expressions and equations. Students will use analytical, numerical, graphical, and verbal approaches to solving problems. Also included are quadratic equations, literal equations, exponential, and logarithmic functions, sequences and series and optional topics.

Course Code(s): 13021 / 13022
Grades: 9, 10, 11,12

Length of Course: Two Semesters
Prerequisite: Geometry

GEOMETRY 1,2

Geometry is a second-year course designed for students who successfully completed a high school algebra course and are prepared to learn the concepts and content of what is taught in a "traditional" high school geometry course, such as Euclid's Elements. Concept units include foundations and tools for geometry, constructions, introduction to transformational geometry, proving geometric theorems, triangle congruence, quadrilaterals, similarity, trigonometry, two- and three-dimensional figures, and circle, as well as a more robust trigonometry section including six trigonometric functions, Law of Sines, and Law of Cosines. NOTE: Students who earn a D or lower in Algebra are strongly encouraged to retake Algebra during the summer before taking this class, since much of the content explored is through an Algebraic lens.

Course Code(s): 13321 / 13322
Grades: 9, 10, 11,12

Length of Course: Two Semesters
Prerequisite: Algebra I

GEOMETRY HONORS 1,2

This course is designed to provide students with the mathematical background necessary for careers in science, mathematics or engineering. Concept units are like those in Geometry 1-2 and focus on tasks that are inquiry based, more in depth and more abstract and more formal than the non-Honors class. Problem solving and logical reasoning skills are emphasized in Honors Geometry through an extensive use of formal geometric proof and multi-step exercises. This course is designed for students who plan to take PreCalculus, Calculus or College Algebra in high school. This course is an integration of technology, inquiry-based learning, critical thinking, with a capstone project.

Course Code(s): 13371 / 13372
Grades: 9, 10, 11,12

Length of Course: Two Semesters
Prerequisite: Algebra I

Mathematics

MAT 151 A, B: COLLEGE ALGEBRA

This PCC Dual Enrollment course introduces college-level algebra. Includes functions, polynomial and rational functions, exponential and logarithmic functions, linear 2x2 and higher systems, graphing, sequences and series, and calculator use. This course meets the bachelor's degree requirements for many college and university non-math/science majors.

Requires a minimum score on Pima Community College's mathematics assessment.

Course Code(s): 13108 / 13109

Grades: 11,12

Length of Course: Two Semesters

Prerequisite: Algebra II teacher recommendation
PCC Math Placement Assessment

MATHEMATICAL FINANCE 1,2

This course will enable students to implement the decision-making skills they must apply and use to become knowledgeable consumers, savers, investors, users of credit, money managers, citizens, and members of a 21st century global workforce and society. Students will incorporate concepts, skills, and critical thinking from mathematics, language arts, social studies, and applied technology. Using techniques such as problem solving, reasoning, simulation, and direct application of these concepts, students will be empowered to become informed citizens of the 21st century. Students will explore the real number system, linear equations and inequalities, quadratics, polynomials, exponential equations, logarithmic equations, data, spreadsheets, scatter plots, regressions, modeling, and much more and apply these to real-world financial situations.

Course Code(s): 13108 / 13109

Grades: 11,12

Length of Course: Two Semesters

Prerequisite: Algebra II

Physical Education & Health

HEALTH

Students demonstrate the ability to advocate for personal, family and community health, to use goal setting and decision-making skills to enhance health, to use interpersonal skills to enhance health, to analyze the influence of culture, media, technology and other factors on health, to practice health-enhancing behaviors and reduce health risks, to access accurate health information and to comprehend concepts related to health promotion and disease prevention.

Course Code(s): 16307
Grades: 9, 10, 11,12

Length of Course: One Semester
Prerequisite: None

COED PHYSICAL EDUCATION 1,2

Physical Education has a strong emphasis on developing fitness and skills mainly in a collaborative team atmosphere. Activities include track and field, fitness exercises, volleyball, basketball, rugby, pickleball, soccer, and badminton. Classroom instruction provides an opportunity to learn skills, drills and strategies. All Physical Education classes include a reading and writing component.

Course Code(s): 16101 / 16102
Grades: 9, 10, 11,12

Length of Course: Two Semesters
Prerequisite: None

WEIGHT TRAINING 1,2

Instruction is provided in the fundamental techniques of weightlifting, spotting and aerobic conditioning along with safety and etiquette in the weight room. Information on training techniques, basic anatomy and diet as they relate to weightlifting and aerobic conditioning are presented.

Course Code(s): 16100 / 16111
Grades: 9, 10, 11,12

Length of Course: Two Semesters
Prerequisite: None

Science

ANATOMY & PHYSIOLOGY 1,2*

In this fourth year Science elective, students will study human anatomy and physiology to develop a fascinating understanding into the complexity of one's body. This subject is a gateway to a rewarding career and will help to prepare students pursuing careers in health science fields such as medicine, research, pharmacology, criminology, nursing, dentistry and psychology. ****STARTING WITH THE CLASS OF 2024, THIS ELECTIVE SCIENCE CREDIT DOES NOT MEET ONE OF THE THREE SCIENCE CREDITS REQUIRED FOR GRADUATION.***

Course Code(s): 03181 / 03182
Grades: 12

Length of Course: Two Semesters
Prerequisite: Biology 1,2 or Biotechnology 1,2

BIOLOGY 1,2

Students will study components of the living world. Emphasis is placed on the role of the cell and cellular processes, genetics, evolution and ecology. Lab work will include microscopy in cell biology, classification, modeling of hereditary principles and population dynamics. In addition to learning biological concepts, students will use scientific practices to investigate life science topics. This class must be taken by the sophomore year and the AIMS Science Assessment is administered to students enrolled during the spring semester.

Course Code(s): 03121 / 03122
Grades: 10

Length of Course: Two Semesters
Prerequisite: Integrated Science

BIOTECHNOLOGY 1,2 (Also listed in Career & Technical Education)

Students will use multiple modern molecular lab techniques such as micropipetting, DNA extraction, DNA amplification and visualization of DNA on electrophoresis gels to investigate authentic research questions. Students will learn how to prepare DNA for sequencing and how to interpret DNA sequences; learn how to grow and work with bacteria and other micro-organisms using sterile technique, how to clone genes and to introduce genes into bacteria. Classes may collaborate with a research lab to do authentic research-based projects. Students will acquire skills needed to pursue higher education or to enter industry workforce in careers related to Biotechnology.

Course Code(s): 03901 / 03902
Grades: 10, 11, 12

Length of Course: Two Semesters
Prerequisite: Any Lab Science

BIOTECHNOLOGY 3,4 (Also listed in Career & Technical Education)

Students collaborate with a research lab to do authentic research-based projects. Students will further develop skills that integrate many different laboratory research techniques needed to pursue higher education or to enter industry workforce in careers related to Biotechnology. College credit may be available for this course.

Course Code(s): 03903 / 03904
Grades: 11, 12

Length of Course: Two Semesters
Prerequisite: Biotechnology 1,2

Science

BIO 105: ENVIRONMENTAL BIOLOGY 1,2

This PCC Dual Enrollment course highlights the fundamentals of ecology and their relevance to human impact on natural ecosystems. Includes ecosystem structure and function, population dynamics, and human impacts on air, water, land, and biodiversity.

Course Code(s): 03472 / 03473
Grades: 11, 12

Length of Course: Two Semesters
Prerequisite: Biotechnology 1,2,3,4

CHEMISTRY 1,2

This course introduces the student to the structure of matter, the changes that occur in this structure, and the energy involved in these changes. Chemical reactions are observed and examined in the laboratory.

Course Code(s): 03461 / 03462
Grades: 10, 11, 12

Length of Course: Two Semesters
Prerequisite: Biotech 1,2 or Biology; Algebra I

INTEGRATED SCIENCE 1, 2

This Freshman course introduces students to make coherent connections between concepts within areas of Physics, Earth and Space Science. Learning and understanding of conceptual components will be gained through readings, writing, discussions, investigations and scientific inquiry.

Course Code(s): 03281 / 03282
Grades: 9, 10, 11, 12

Length of Course: Two Semesters
Prerequisite: None

INTEGRATED SCIENCE HONORS 1, 2

This Freshman Honors course introduces students to make coherent connections between concepts within areas of Physics, Earth and Space Science. Learning and understanding of conceptual components will be gained through readings, writing, discussions, investigations and scientific inquiry.

Course Code(s): 03843 / 03844
Grades: 9, 10, 11, 12

Length of Course: Two Semesters
Prerequisite: None

Social Studies

AMERICAN GOVERNMENT

Local, state, and federal government functions of the American political system and the importance of a constitutional form of government, including the essentials, sources and history of the constitutions of the United States and Arizona are stressed.

Course Code(s): 19713
Grades: 11, 12

Length of Course: One Semester
Prerequisite: American History

AMERICAN HISTORY 1,2

This course emphasizes cause and effect relationships, enhances the perspective of human events and of change to foster a rational understanding of the past, present, and future. In-depth studies of important social, economic, technical, and political developments in the nation and Arizona's history which emphasize the contributions of people from all racial, ethnic, and religious groups. Important concepts, skills and values, which are closely tied to American institutions and ideas, are studied.

Course Code(s): 19511 / 19512
Grades: 10, 11

Length of Course: Two Semesters
Prerequisite: World History/Geography

ECONOMICS

The course will highlight the foundation of economic understanding and vocabulary and prepare students for economic proficiency. The following concepts will be covered in this course: cost and benefit analysis, how the circular flow of goods and services in the economy works, how supply and demand in an economy work, how to control costs of starting and maintaining a business, how the government and the Federal Reserve try to keep employment, prices and economic growth stable, how international trade affects currency markets, how to buy a home, how to fill out tax forms, where to save for retirement, and how credit and credit calculation works.

Course Code(s): 19005
Grades: 12

Length of Course: One Semester
Prerequisite: None

ECN 150: AN ECONOMICS PERSPECTIVE

This PCC Dual Enrollment course is the study of the interactions of individuals and societies from the viewpoint of economics. Includes introduction to economics, conventional economic theory, economic policies and diverse populations, contemporary microeconomic and macroeconomic issues, and practical applications in relation to civic engagement.

Course Code(s): 19773
Grades: 12

Length of Course: One Semester
Prerequisite: None

Social Studies

WORLD HISTORY/GEOGRAPHY 1,2

This course explores the geographical, technological, and historical factors influencing the development of the world's civilizations from the enlightenment to nation states of the modern era. The focus is on selected political, economic, social, geographical, and cultural factors impacting western society and other regions of the world.

Course Code(s): 19511 / 19512
Grades: 9, 10

Length of Course: Two Semesters
Prerequisite: None

WORLD HISTORY/GEOGRAPHY HONORS 1,2

This course focuses on the study of world cultures through an examination of different peoples, their history and environment. Students will analyze how political, cultural, religious, and social beliefs interact to shape patterns of human populations, inter-dependence, cooperation, and conflict.

Course Code(s): 19881 / 19882
Grades: 9, 10

Length of Course: Two Semesters
Prerequisite: None