

**SARGENT SENIOR HIGH SCHOOL  
COURSE DESCRIPTION BOOKLET  
2019-2020**



Mission

*Dedicated to Learning*

Vision

*To inspire every student to achieve, to explore, to grow, to care.*

**NOTE: Please understand that a course mentioned in this booklet may be eliminated from the 2019-2020 school offerings due to lack of interest or staffing issues.**

## ENGLISH

### **English 9** (core class 1.0 credit)

Prerequisite: none

Description: Students in Freshman English will become clear, coherent, and proficient writers by the end of their freshman year. Students will work toward this goal through grammatical and usage analysis of writing assessments, journaling, writing coherent paragraphs (narrative, descriptive, expository, and persuasive), five-paragraph essays, and brief research assignments. Vocabulary word study is included in the context of their literature assignments. Students will read a variety of literary genres, including drama, fiction, non-fiction, short stories, essays, and poetry. Standard literature included in the freshman year includes Hamilton's *Mythology, Night*, Shakespeare's *Romeo and Juliet, Of Mice and Men*, and a variety of short stories.

### **English 10** (core class 1.0 credit)

Prerequisite: English 9

Description: Students in Sophomore English will continue to improve their writing skills, with greater emphasis on research writing. They will continue their study of Standard English and writing through, journaling, essays, and larger research assignments. Students will continue reading classics of literature from a variety of genres, including drama, fiction, non-fiction, short stories, essays, and poetry. Standard literature included during the sophomore year includes *To Kill a Mockingbird, When the Legends Die, The Lord of the Flies*, and Shakespeare's *Julius Caesar*, and a variety of short stories.

### **English 10 Honors** (core class 1.0 credit)

Prerequisite: English 9

Students in Honors English 10 will study a variety of American and World Literature. MLA formatting will be used throughout the course of the section. Students will polish their writing and research skills. Literary criticism will be introduced with a focus on New-Historic Criticism and Feminist Criticism. Students will read *Lord of the Flies, Frankenstein, To Kill a Mockingbird*, and *The Time Machine*. Students will also read a variety of scholarly articles in order to better understand the literature and what literary criticism is.

### **English 11** (core class 1.0 credit)

Prerequisite: English 10

Description: Students in English 11 will study American literature from a historical perspective. Literary criticism, and expository writing skills will be continued to be worked on. Students will be engaged with analyzing the emerging and changing themes found throughout American Literature and reflect through writing and oral presentation their findings within each chronological event.

### **English 12** (core class 1.0 credit)

Prerequisite: English 11

Description: Students in English 12 will study British Literature from a historical perspective with special emphasis on how events in England over history have impacted the United States. APA formatting will be introduced and focused on to further develop research skills through literary studies and exposure to different writing genres.

**English AUS 101 or TSJC 121 Concurrent Enrollment Class (core class .5 Credit)**

Prerequisite: ACT or Accuplacer Scores  
Description: English 121/101 is a college level survey of American Literature with an advanced focus on composition. Students respond to the various readings through writing. Students write in a variety of genres including narrative, compare/contrast, literary analysis, persuasive/argument, and descriptive essay. Students enrolled in this class must meet enrollment standards as set by TSJC or ASU and students receiving a grade of "C" or above will be awarded college credit for English 121/101. It is a GT (Guaranteed Transfer Class within the state of Colorado).

**English ASU102 or TSJC 122Concurrent Enrollment Class (core class .5 credit)**

Prerequisite: SAT,ACT or Accuplacer Scores  
Description: Expands and refines the objectives of English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research. Students enrolled in this class must meet enrollment standards as set by TSJC or ASU, and students receiving a grade of "C" or above will be awarded college credit for English 121. It is a GT (Guaranteed Transfer Class within the state of Colorado).

**Speech (core required – 9<sup>th</sup> graders, .5 credit)**

Prerequisite: none  
Description: Each student will learn the basics of the communication process including interpersonal and intrapersonal communication and the elements of public speaking. Students will understand, write, and perform speeches with the purpose of informing, persuading, and entertaining.

**Speech/DRAMA (core required – 9<sup>th</sup> graders, .5 credit)**

Prerequisite: none  
Description: Throughout the course of Theater and Drama, students will increase their confidence in public performance while fine tuning their reading skills. In addition, students will have the ability to express their creativity and engage in a group working towards a common goal.

## MATH

### **Algebra I** (core - 9<sup>th</sup> graders, 1.0 credit)

Prerequisite: Teacher approval

Description: Integer, rational and common irrational number concepts, operations, and properties; algebraic concepts including functions, equations, inequalities, matrices; data analysis, measures of central tendency, scatter plots; Pythagorean Theorem, solving geometric problems using algebraic techniques; using ratios, proportions and percent to solve problems; and critical thinking skills.

### **Geometry** (core - 9<sup>th</sup> and 10<sup>th</sup> graders, 1.0 credit)

Prerequisite: Algebra I

Description: Real number concepts, operations and properties; solving geometry problems using algebraic concepts; points, lines, planes, and angles; deductive reasoning; parallel lines and planes, congruent triangles, quadrilaterals, and inequalities in geometry; similar polygons, right triangles, circles, construction and loci, areas of plane figures, area and volumes of solids, coordinate geometry and transformations.

### **Algebra II** (core – open to 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> graders, 1.0 credit)

Prerequisite: Algebra I and Geometry and/or Teacher approval

Equipment: Graphing Calculator TI-83 or higher suggested

Description: Simplifying expressions, solving equations and inequalities, linear equations and functions, factoring polynomials, positive and negative exponents, radicals, irrational and complex numbers and all methods of solving quadratic equations; solving cubic and higher degree equations using synthetic division, exponential and logarithmic functions, and matrices and determinants.

### **Pre-Calculus** (core – open to 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> graders, 1.0 credit)

Prerequisite: Algebra II

Equipment: Graphing Calculator TI-83 or higher required

Description: Integrates statistical and algebraic concepts, and previews calculus in work with functions and intuitive notions of limits. Enough trigonometry is available to constitute a standard pre-calculus course in the areas of trigonometry and circular functions. Analysis of functions including exponential, logarithmic, logistic, trigonometric, and polynomial functions will be emphasized.

### **Calculus I** (core – open to 11<sup>th</sup> and 12<sup>th</sup> graders, 1.0 credit)

Prerequisite: Pre-Calculus and teacher approval

Description: Review of functions and applications. Study of limits leading to differential calculus and integral calculus. Applications including optimization, volumes of solids of revolution, and work will be included. Graphing calculator required.

**Calculus II****(core – open to 11<sup>th</sup> and 12<sup>th</sup> graders, 1.0 credit)**

Prerequisite:

Students who are enrolled in Calculus II are expected to work with functions represented in multiple ways: graphical, numerical, analytical, or verbal. They should understand the connections among these representations; understand the meaning of the derivative in terms of a rate of change and local linear approximation and use derivatives to solve problems; understand the meaning of the definite integral as a limit of Riemann sums and as the net accumulation of change and use integrals to solve problems; understand the relationship between the derivative and the definite integral as expressed in both parts of the Fundamental Theorem of Calculus; communicate mathematics and explain solutions to problems verbally and in writing; model a written description of a physical situation with a function, a differential equation, or an integral; use technology to solve problems, experiment, interpret results, and support conclusions; determine the reasonableness of solutions, including sign, size, relative accuracy, and units of measurement; develop an appreciation of calculus as a coherent body of knowledge and as a human accomplishment.

## SCIENCE

### **Physical Science/Lab** (Required for all 10<sup>th</sup> graders, 1.0 credit)

Required Lab Fee: \$15

Description: This class serves as an introduction to the topics of Physics and Chemistry. Generally one semester of coursework on each subject. Students will be expected to participate fully in a number of laboratory activities as well as classroom work.

### **Earth Science/Lab** (Required for all 10<sup>th</sup> graders, 1.0 credit)

Required Lab Fee: \$15

Description: This class covers four major units: surface processes, the atmosphere, resources, and space. Students will be expected to participate in a number of laboratory activities as well as classroom work.

### **Biology/Lab:** (Required for all 9<sup>th</sup> and 10<sup>th</sup> graders, 1.0 credit)

Prerequisite: Physical Science 9

Lab Fee: \$15.00

Description: Curriculum will include content, laboratory inquiry exercises, biotechnology, discussions of issues and decision making of current topics in biology, diversification (classification), unity that characterize life, cells and organisms, principles of heredity, relationships among organisms and their interactions with their physical environment.

### **Chemistry** (Elective course for 11<sup>th</sup> and 12<sup>th</sup>, or with instructor approval, 1.0 credit)

Required Lab Fee: \$15

Description: Chemistry covers 4 major units: The structure and properties of matter, chemical bonding, chemical reactions, and Energy and Matter Interactions. This course is designed to prepare the student for a general chemistry course at the college level. Students will be expected to participate in classwork as well as a number of laboratory activities.

### **AP Physics** (open to 11<sup>th</sup> and 12<sup>th</sup> graders, or with instructor approval, weighted grade, 1.0 credit)

Required Lab: \$15

Prerequisite: Calculus is strongly suggested

Description: This trigonometry based physics class covers five major units: Newtonian Mechanics, Fluid Mechanics and Thermal Physics, Electricity and Magnetism, Waves and Optics, and Atomic and Nuclear Physics. Students will be expected to participate in classwork and meet outside of class to complete a series of approximately 17 major labs. This course is designed to mimic a General Physics class in college and will be quite demanding

### **Anatomy** (Elective course for 11<sup>th</sup> and 12<sup>th</sup>, or with instructor approval, 1.0 credit)

Required Lab Fee: \$15

Description: Learn the anatomy and physiology of the human body, maladies that affect the body systems and dissect animals that provide an analog to the human body

**Research I-IV** (Elective, Independent Study for 9<sup>th</sup>, 10<sup>th</sup>, 11, and 12<sup>th</sup> graders, 1.0 Credit)

Required Lab Fee \$20  
Pre-Requisite: Teacher Approval  
Description: This course is designed to meet the needs of the student who wishes to conduct extensive science inquiry into one scientific problem of their choice. The course of study will include locating and documenting twenty-five sources for research problem, making professional contacts with prominent scientist all over the world and selecting at least one mentor for project. In addition, the student must complete an extensive research plan and paper for the scientific problem. The student will enter his or her project in the SLV Regional Science Fair with a presentation blackboard. A student in this course must be self-motivated and able to work successfully on his or her own.

**Health Care Lab** ( 1.0 credit)

Required Lab Fee \$20  
Pre-Requisite: Teacher Approval  
Description: The Health Science lab will help prepare students for the medical profession of tomorrow. You will share real experience and increase relevance to a health science career. The lab will enhance student learning by applying and analyzing health practices. Finally, the lab will address health science foundational knowledge and medical terminology. Modules include Biomedical Engineering, Dentistry, Emergency Medical Technology, Health Information Management, Medical Imaging, Nursing, Sports Medicine, Therapeutic Services and Veterinary Medicine.

## SOCIAL STUDIES

### **World History and Geography (core – required for 9<sup>th</sup> graders, 1.0 credit)**

Course Description: This course examines the historical development of the various geographic regions of the world. It integrates the use of geographic tools and the 5 themes of geography with the history of each region. Regions examined include: Latin America, Europe, Russia, Sub-Saharan Africa, the Middle East, South Asia, East Asia, and Southeast Asia.

### **American History (core - required for 10<sup>th</sup> graders, 1.0 credit)**

Course Description: This course examines the historical, economic and political development of the United States from 1877 to the 1990's. Historical eras studied include: the Opening of the West, Industrialization, Imperialism and Reform, WWI and the 20's, the Depression and WWII, the Cold War and Civil Rights, Vietnam to Watergate, and the 80's and 90's.

### **Economics and Personal Finance Literacy (Core- required for 11<sup>th</sup> graders, .5 credit)**

Students will examine how society manages its resources, how people make decisions, how people interact in the marketplace, and how forces and trends impact the economy. With personal financial literacy, students will learn to apply economic knowledge to manage resources and make decisions using prioritization of the costs and benefits of every choice.

### **American Government (core –required for 11<sup>th</sup> graders, .5 credit)**

Course Description: This course examines the political development of the United States government and how it continues to change as our society evolves. The areas of study include: Foundations of the US Government, the Three Branches of Government, Rights and Responsibilities of Citizens, The Political System, Colorado State Government and Foreign Relations.

### **Social Studies 12 (core- required for 12<sup>th</sup> graders 1.0 credit)**

This course examines the historical development of Colorado and San Luis Valley History, as well as state and local government and geography. Also, students will examine current issues in US society and will complete an individual historical research project. (Required for Seniors)

## AGRICULTURE

### **Introduction to Agriculture** (Electives for 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup>, 1.0 Credit)

Lab Fee: \$20.00

This course is designed to introduce students to the exciting world of agriculture. Students will be introduced to animal care, biology, nutrition, breeds and breeding, health and selection of dairy beef, swine, sheep, goats, horses and specialty animals. Students will study the basic fundamentals of plants and soil science. Students learn about the horticulture industry as it pertains to greenhouse production, nurseries, turf grass management, floriculture, landscape design and sprinkler system construction. Crop production will be explored. Sustainable agriculture, biotechnology and alternative crops topics will be incorporated. Students will be provided an introduction to the food products and processing industry including a description of natural, organic, conventional and GMO agriculture products. Students will be exposed to public speaking, parliamentary procedure, basic recordkeeping, business ethics and financial statements. Students will be introduced to the FFA (Premier Leadership, Personal Growth, Career Success) as well as starting their Supervised Agricultural Experience Program (SAEP).

### **Intermediate Agriculture** (Elective for 10<sup>th</sup>, 11, and 12<sup>th</sup> graders, 1.0 Credit)

Required Lab Fee \$20

Pre-Requisite: Introduction to Agriculture

Description: Students will have the opportunity to explore the affects and impact Agriculture has on our lives. Animal behavior and issues in animal industry will be explored along with animal selection. Plant science will include sustainable agriculture, biotechnology, alternative crops and organics crops topics, as well as, greenhouse structures, plant pests and vegetable/fruit production. This course will food quality and deterioration and identify the role of regulating agencies and their responsibilities. Chemistry, Physics and Mechanics in Agri-science will be presented in this course. Students will be introduced to agriculture marketing and recordkeeping which will include cash flow and data management systems. Increasing leadership opportunities are offered through FFA and SAEP.

### **Agriculture Research I-IV** (Elective for 9-12<sup>th</sup> grade, Independent Study, 1.0 Credit)

Required Lab Fee \$20

Pre-Requisite: Teacher Approval

Description: This course is designed to meet the needs of the student who wishes to conduct extensive science inquiry into one scientific agricultural problem of their choice. The course of study will include locating and documenting twenty-five sources for research problem, making professional contacts with prominent scientist all over the world and selecting at least one mentor for project. In addition, the student must complete an extensive research plan and paper for the scientific problem. The student will enter his or her project in the SLV Regional Science Fair with a presentation blackboard and the FFA State Convention AgriScience Division. A student in this course must be self-motivated and able to work successfully on his or her own. Student will be required to continue as active member of the FFA and will maintain an active SAEP (research project).

**Animal Science (Fall) and Feeds (Spring)**

**11-12<sup>th</sup> Grades**

**1 credit HS**

Required Lab Free

\$20

Pre-Requisite:

Teacher Approval

Description:

Studies the basic fundamentals of livestock production pertaining to principles of breeding, genetics, nutrition, health, and physiology of beef, sheep, swine, dairy, and horses. Focuses on the Animal Science Industry in general and each species industry in regard to history, current situation, and future direction.

**HS SHOP**

**9-12<sup>th</sup> Grades**

**1 credit HS**

Prerequisite:

Course Description:

This course will introduce students to the identification and safe use of tools commonly used in agriculture. Students will develop skills in carpentry, electricity power and mechanical systems, plumbing, masonry, fencing, painting, metal working and welding processes. Students will design individual projects, which include but are not limited to farm, ranch or home repairs. This is a practical course for anyone interested in repairing mechanical problems. Students will be required to continue as active members of the FFA and maintain an active SAEP.

## Business Program

**Business Principals/ QuickBooks** **9-12<sup>th</sup> Grades** **1 credit HS**

Prerequisite: None

Fee

Course Description: Introduction to the areas of Finance, Government and Public Administration, Management and Administration, Marketing and Information Technology. Class will be project-based.

**Introduction to Marketing/ Adobe Illustrator** **10-12<sup>th</sup> Grades** **1 credit HS**

Prerequisite: Intro to Business/QuickBooks

Fee

Course Description: Marketing is the activity, set of institutions, and processes for creating, communicating, delivering, and exchanging offerings that have value for customers, clients, partners, and society at large. You will learn about product, promotions, price and placement.

## STEAM

### **Consumer Skills** (Elective 9<sup>th</sup>-12<sup>th</sup> grade, 1 credit)

Prerequisite:	None
Course Description:	The Consumer Skills class will be an elective class and cover the following topics: Job Applications, resumes, time Management, budgeting, planning for future (where to live, rent or own, cost of living, major purchases), unexpected events, insurance (Health, Vehicle, Home or Renters, Life), savings, investments, balancing checkbook, retirement, credit, credit Cards, Loans, smart Shopping (Best value, coupons)

### **Computer Programming** (Elective 9<sup>th</sup>-12<sup>th</sup> grade, 2nd semester only .5 credit)

Prerequisite:	None
Course Description:	This class is for students interested in learning the basics of computer programming. Students will be able to create simple computer games, algorithms and web pages.

### **Robotics** (Elective for 10<sup>th</sup>-12<sup>th</sup> grade, .5 credit)

Prerequisite:	None
Required Lab Fee	\$30
Course Description:	Using robots we will cover the fundamentals of problem design, algorithms and programming. A robot is an embedded system of software and hardware. Programming and building robots applies to science, technology, engineering and math (STEM) concepts. This course introduced the fundamental concepts of programming and robotics.

### **Publishing (Yearbook/Journalism)** ( 11-12 grades elective 1.0 credit)

Prerequisite:	None
Description:	Yearlong technological credit focused on the creation of the monthly newspaper and yearbook publication. Course involves journalistic assessments and critiques, responsibility of two or more articles per month, and a selection of yearbook pages. Students must be self-motivated to meet individual publication deadlines each month that include, but are not limited to, research, writing, editing, and photography. Must have a good understanding of Microsoft Word and file organization. Other programs will be taught as needed.

### **AP Computer Programming** (Elective 9<sup>th</sup>-12<sup>th</sup> grade, 1 credit)

Prerequisite:	None
Required Lab Fee	\$30
Course Description:	Computer Science embraces problem solving, hardware, algorithms, and perspectives that help people utilize computers to address real-world problems in contemporary life. Students completing the AP Computer Science A course and exam are well prepared to continue their study of computer science and its integration into a wide array of computing and STEM-related fields. This course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data, approaches to processing data, analysis of potential solutions, and the ethical and social implications of computing.

## WORLD LANGUAGES

### **Spanish I:** (2 years required, 1.0 credit)

Prerequisite: None

Course Includes: This beginning Spanish language course is designed to give students an introduction to the pronunciations, conversation essentials of grammar, written composition, and reading of materials with appropriate difficulty, in addition to working towards a solid foundation in basic grammar, vocabulary, and pronunciation the student will learn how to read a simple, authentic Spanish materials, list, describe, ask, and answer questions and express opinions to defend them in variety of oral and written activities. Also the use of speech patterns, writing, and culture of the Spanish speaking world through listening, speaking, reading, and writing. This course also includes an introduction to the geography and cultures of Spain and Latin America.

### **Spanish II:** (2 years required, 1.0 credit)

Prerequisite: Spanish I; teacher approval

Course Includes: This is a continuation of Spanish I. Further development of vocabulary and especially use of verb tenses will be essential part of the course. In addition to working toward a solid foundation in basic grammar, vocabulary, and pronunciation the student will learn how to emulate authentic Spanish pronunciation; understanding simple spoke Spanish in connected sentences dealing with everyday situations. Students will learn how to ask and answer questions in the present, past and future tense dealing with basic vocabulary and common daily activities. This course includes more complex reading and writing, increased use of Spanish in classroom discussion, encouragement of self-expression, and increased study of cultural elements.

### **Spanish III:** (elective, 1.0 credit)

Prerequisite: "C" average in Spanish II; teacher approval

Course Includes: This Spanish language course will be a continuation of the grammar principles studies in the previous two years and will be accompanied by the reading of Spanish literature and various in depth writing and speaking exercises. The student will study a more advanced spoken and written Spanish emphasizing in the wide range of grammatical structures and building vocabulary on contemporary issues through some translation and essay writing. This course also provides more extensive communication in the Spanish language, including a brief study of the history, art, and literature of the Spanish speaking world.

### **Spanish IV:** (elective, 1.0 credit)

Prerequisite: "B" average in Spanish III; teacher approval

Course Includes: This Spanish language course will be a great opportunity to continue the grammar principles studied in the previous three years and will be accompanied by the reading of Spanish literature and various in depth writing and speaking exercises. The student will study a more advanced spoken and written Spanish emphasizing in the wide range of grammatical structures and building vocabulary on contemporary issues through some translation and essay writing.

**Heritage Spanish:** **(elective, 1.0 credit)**

Prerequisite: Teacher approval

Course Includes: Student must be a native or heritage speaker and have appropriate placement score or permission of the instructor. This course is designed for students for whom Spanish is a native or heritage language. It provides those students with the opportunity to expand their existing proficiency and to develop their reading and writing skills. Orthography, diacritics and vocabulary development are stressed. Emphasis will be placed on usage appropriate to academic and professional settings.

## ELECTIVES

### **Art I (grades 9, 10, 11 and 12 1 credit)**

Prerequisite: None  
Lab Fee: \$25.00  
Course Description: Students will learn the basics art techniques in drawing, painting, collage, clay, scratchboard, printmaking, pastels, etc. Students will have a set curriculum to follow. Students will be able to be unique and creative within the boundaries of the assignments.

### **Advanced Art (grades 9, 10, 11 and 12 1 credit)**

Prerequisite: Art I  
Lab Fee: \$25.00  
Course Description: Students will build on the skills learned in Art I by creating more difficult projects with various

### **WORK-STUDY (12<sup>th</sup> grade Elective, .5 credit)**

Prerequisite: Administrative approval, and seniors only, must have at least a 2.0 GPA, signed work-study contract required.  
Course Description: By Sargent Board Policy, work-study is an elective senior course which provides "hands-on" training and educational experience in the field of a student's chosen vocation. This may be either a paid or volunteer position. All work-study programs must be pre-approved by the guidance counselor, principal, superintendent and the Board of Education. Work-study may not exceed half the school day including transportation time. A designated, on-the-job coordinator who reports directly to the Guidance Office must supervise all work-study students.

### **EARLY CHILD DEVELOPMENT (Elective, 0.5 credits)**

Prerequisite: Approval by School and Daycare Administration, juniors and seniors only, must have at least a 2.0 GPA, be at least 16 years of age  
Course Description: The Sargent Day Care and Preschool Program provides juniors and seniors with the opportunity to work directly with preschool-aged children on campus. Students get to interact with children during the class period, they help teachers with day to day operations of running a classroom. Participation and attendance are a majority of their grade. High school students are responsible for one assignment a month on topics related to early childhood education.

### **TEACHER/OFFICE AIDE (12<sup>th</sup> Grade ONLY) (Elective, 0 .5 credits)**

Prerequisite: Administrative/teacher approval, seniors only, 2.5 GPA  
Course Description: This is an excellent opportunity for students to volunteer their talents and abilities in the service of the school. By so doing, they will learn the dynamics of an educational system and explore first-hand the rewards of working with a variety of staff and students in an elementary, junior high, or high school setting.

### **CONCURRENT ENROLLMENT – open to 11<sup>th</sup> or 12<sup>th</sup> graders)**

Prerequisite: Met or exceed appropriate benchmarks on SAT,ACT or Accuplacer test, Completion of COF application, congruency with students' individual career and academic plan (ICAP). Please see counselor for more information



## PHYSICAL EDUCATION

### **Health Class** (core; required – 9<sup>th</sup> graders, .5 credit)

Prerequisite: None

Course Description:

Students will explore topics related to basic Health, strengthening Relationships with Family and Friends, living with feelings and handling stress, protecting oneself and others: Tobacco, Alcohol and Drugs, bullying and Harassment Awareness and how to deal with it, Understanding Sexuality/Preventing AIDS, \*Violence prevention will be integrated into the above modules.

### **PE/Athletic Training** **Girls and Boys** (elective – 9<sup>th</sup>-12<sup>th</sup> graders, 1 credit)

Prerequisite: None

Course Description:

This class will deal with both the physical and mental aspects of physical fitness in relationship to the cardiovascular system and its effects on the body. The major focus of the class will be on life skills including: weight training with emphasis on cardiovascular endurance, proper technique of working with weights as opposed to body building, class work will center on the muscle and bone structures of the body. A class designed to help the student athlete develop. Individualized programs designed to make you stronger, faster, and more flexible, put weight on or take it off. Plyometric, parachutes, and other devices are available for the student. Computer aided lifting programs are also available for the student. **Do not take this course if you do not want to dress out and work out!**

### **Weights & Cardio** **Girls and Boys** (elective) – 9<sup>th</sup>-12<sup>th</sup> 1 credit

Select students will engage in coordinated weight and cardiovascular training programs that focus on good health and appropriate activities for high school students. This course is open to high school students only.

### **Bootcamp** **Girls and Boys** (elective – 9<sup>th</sup>-12<sup>th</sup>) 1 credit

Bootcamp is a High Intensity workout that works your whole body! We will do card workouts, dice workouts, wheel of fun, gym workouts, weight room workouts, HIIT and Tabata!

## Scope and Sequence

### Social studies:

- 9<sup>th</sup> World Geography/World History
- 10<sup>th</sup> American History
- 11<sup>th</sup> Economics / Government
- 12<sup>th</sup> Grade History

### Mathematics:

- Algebra 1
- Geometry
- Algebra II
- Algebra III
- Pre-Cal
- Calculus
- Calculus II

### Science

- 9<sup>th</sup> Physical Science
- 10<sup>th</sup> Biology & Earth
- 11<sup>th</sup> and 12<sup>th</sup> Chemistry, Anatomy, AP Physics, Health Care Lab

### English

- 9<sup>th</sup> Grade English
- 10<sup>th</sup> Grade English
- 11<sup>th</sup> Grade English
- 12<sup>th</sup> Grade English

**SARGENT HIGH SCHOOL**  
**PRE-REGISTRATION for School Year 2019-2020**

Student Name: \_\_\_\_\_

Grade 9

Please look at the Course Description Booklet to determine the courses to be taken for the 2019-2020 school year. Place the course name in the space provided. **NOTE: Make sure you are aware of the pre-requisites and that you have or will meet the requirements before signing up for the courses.**

Subject Area	Credits	Course Selections
English	1.0	English 9
Math	1.0	Algebra 1, Geometry, Algebra 2
Science	1.0	Physical Science
Social Studies	1.0	World History
Health	0.5	Health
Speech	0.5	Speech or DRAMA (CIRCLE ONE)
Elective	1.0	
Elective	1.0	
Alternate	1.0	
Alternate	1.0	

**\*\*RECOMMEND Spanish I\*\*\*\*\***

Note: Total Credits should equal 8.0 credits.

**Graduation Requirements**

English                      4 credit  
 Mathematics                4 credit  
 Science                        4 credit  
 Social Studies                4 credit  
 Second Language            1 credit  
 Speech/Health                1 credit  
 Electives                      9 credit

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**Total    =27/28 credits**

**Do you plan on playing sports next school year? Please check all that apply:**

Volleyball      Basketball  
 Football         Golf  
 Track  
 Baseball  
 Wrestling  
 Cheerleading  
 Cross Country

If this registration form is not returned by April 18<sup>th</sup>, 2019, you will be placed in classes. This will be your schedule with no changes.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**SARGENT HIGH SCHOOL**  
**PRE-REGISTRATION for School Year 2019-2020**

Student Name: \_\_\_\_\_

Grade 10

GPA: \_\_\_\_\_  
 Class Rank: \_\_\_\_\_

Please look at the Course Description Booklet to determine the courses to be taken for the 2019-2020 school year. Place the course name in the space provided. **NOTE: Make sure you are aware of the pre-requisites and that you have or will meet the requirements before signing up for the courses.**

Subject Area	Credit	Course Selections
English	1.0	English 10
Math	1.0	Geometry, Algebra 2, Pre-Calc,
Science	1.0	Physical Science
Science	1.0	Earth Science
Social Studies	1.0	Eco/Gov
Elective	1.0	
Elective	1.0	
Alternate	1.0	
Alternate	1.0	

Note: Total Credits should equal 8.0 credits.

**Graduation Requirements**

English	4 credit
Mathematics	4 credit
Science	4 credit
Social Studies	4 credit
Second Language	1 credit
Speech/Health	1 credit
Electives	9 credit

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**Total =27/28 credits**

***Do you plan on playing sports next school year? Please check all that apply:***

- Volleyball      Golf
- Football        Basketball
- Track
- Baseball
- Wrestling
- Cheerleading
- Cross Country

If this registration form is not returned by April 18<sup>th</sup>, 2019, you will be placed in classes. This will be your schedule with no changes.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**SARGENT HIGH SCHOOL  
PRE-REGISTRATION for  
School Year 2019-2020**

Student Name: \_\_\_\_\_

Grade 11

GPA: _____ Class Rank: _____
------------------------------

Please look at the Course Description Booklet to determine the courses to be taken for the 2019/2020 school year. Place the course name in the space provided. **NOTE: Make sure you are aware of the pre-requisites and that you have or will meet the requirements before signing up for the courses.**

Subject Area	Credit	Course Selection
English	1.0	English 11
Math	1.0	Algebra 2, Pre-Cal, Calculus
Science	1.0	Chemistry, Anatomy
Social Studies	1.0	US History
Elective	1.0	
Elective	1.0	
Elective	1.0	
Alternate	1.0	
Alternate	1.0	

Note: Total Credits should equal 7.0 credits.

**Graduation Requirements for class of 2019**

English	4 credit
Mathematics	4 credit
Science	4 credit
Social Studies	4 credit
Second Language	1 credit
Speech/Health	1 credit
Electives	9 credit

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**Total =27/28 credits**

**Do you plan on playing sports next school year? Please check all that apply:**

- Volleyball      Basketball
- Football        Golf
- Track
- Baseball
- Wrestling
- Cheerleading
- Cross Country

If this registration form is not returned by April 18th, 2019, you will be placed in classes. This will be your schedule with no changes.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**SARGENT HIGH SCHOOL  
PRE-REGISTRATION for  
School Year 2019-2020**

Student Name: \_\_\_\_\_

Grade 12

GPA: _____ Class Rank: _____
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Please look at the Course Description Booklet to determine the courses to be taken for the 2019/2020 school year. Place the course name in the space provided. **NOTE: Make sure you are aware of the pre-requisites and that you have or will meet the requirements before signing up for the courses.**

Subject Area	Credit	Course Selection
English	1.0	English 12/ Eng 101/102 AP
Math	1.0	Algebra 2, Pre-Cal, Calculus
Science	1.0	Chemistry, Anatomy
Social Studies	1.0	Sr History
Elective	1.0	
Elective	1.0	
Elective	1.0	
Alternate		

Note: Total Credits should equal 7.0 credits.

**Graduation Requirements for class of 2018:**

English	4 credit
Mathematics	4 credit
Science	4 credit
Social Studies	4 credit
Second Language	1 credit
Speech/Health	1 credit
Electives	9 credit

---

**Total =27/28 credits**

**Do you plan on playing sports next school year? Please check all that apply:**

- |               |            |
|---------------|------------|
| Volleyball    | Basketball |
| Football      | Golf       |
| Track         |            |
| Baseball      |            |
| Wrestling     |            |
| Cheerleading  |            |
| Cross Country |            |

If this registration form is not returned by April 18<sup>th</sup>, 2020, you will be placed in classes. This will be your schedule with no changes.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Sargent Graduation Plan (Incoming Freshman Class of 2023)

Each student is responsible for obtaining the required credits for graduation. The following chart is provided to help you chart your progress towards graduation.

Subject Area	Credit	Course Selections
English	1.0	English 9
Math	1.0	Algebra 1, Geometry, Algebra 2
Science	1.0	Physical Science
Social Studies	1.0	World History/Geography
Health	0.5	Health
Speech	0.5	Speech or DRAMA (Circle One)
Electives	1.0	
Electives	1.0	
ALTERNATE	1.0	
ALTERNATE	1.0	

\*\*\*\*\*RECOMMEND Spanish I\*\*\*\*\*

Subject Area	Credit	Course Selections
English	1.0	English 10
Math	1.0	Geometry, Algebra 2, Pre-Calc,
Science	1.0	Earth Science/Biology
Social Studies	1.0	Eco/Geography
Electives	1.0	
Electives	1.0	

Subject Area	Credit	Course Selection
English	1.0	English 11
Math	1.0	Algebra 2, Pre-Cal, Calculus
Science	1.0	Chemistry, Anatomy, AP Physics, Health Care Lab
Social Studies	1.0	US History
Elective	1.0	
Elective	1.0	
Elective	1.0	

English	1.0	English 12
Math	1.0	Pre-Calc, Calculus, Stats/Applied Math
Science	1.0	Chemistry, Anatomy, AP Physics, Health Science Lab
Social Studies	1.0	Government
Elective	1.0	
Elective	1.0	
Elective	1.0	

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### Graduation Requirements:

English	4 credit
Mathematics	4 credit
Science	4 credit
Social Studies	4 credit
World Language	1 credit
Speech/Health	1 credit
Electives:	9 credits

Did you make sure you have met your graduation requirements?

## 2019-2020 Electives by Year

<p>9<sup>th</sup> Grade</p> <ul style="list-style-type: none"> <li>• Intro to Agriculture</li> <li>• Art I</li> <li>• Spanish</li> <li>• Weights (Girls and Boys)</li> <li>• Bootcamp</li> <li>• Research I (Science Fair)</li> <li>• Health Care Lab</li> <li>• Intro to Business/QuickBooks</li> <li>• Yearbook/Journalism</li> <li>• Shop/AG Shop</li> <li>• AP Computer Science</li> <li>• Consumer Math</li> </ul>	<p>10<sup>th</sup> Grade</p> <ul style="list-style-type: none"> <li>• Intro to Agriculture</li> <li>• Intermediate to Agriculture</li> <li>• Spanish I &amp; II</li> <li>• Art I</li> <li>• Advanced Art</li> <li>• Weights (Girls and Boys)</li> <li>• PE (Girls and Boys)</li> <li>• Research I or II (Science Fair)</li> <li>• Health Care LAB</li> <li>• Yearbook/Journalism</li> <li>• Shop/AG Shop</li> <li>• Intro to Business/QuickBooks</li> <li>• Marketing Principles/ Adobe Illustrator</li> <li>• AP Computer Science</li> <li>• Consumer Math</li> </ul>
<p>11<sup>th</sup> Grade</p> <ul style="list-style-type: none"> <li>• Journalism/Yearbook</li> <li>• Intro to Agriculture</li> <li>• Intermediate to Agriculture</li> <li>• Animal Science/Feeds</li> <li>• Shop/Ag Shop</li> <li>• Intro to Business/QuickBooks</li> <li>• Marketing Principles/ Adobe Illustrator</li> <li>• AP Computer Science</li> <li>• Spanish I-III</li> <li>• Art I</li> <li>• Advanced Art</li> <li>• Weights (Girls and Boys)</li> <li>• PE (Girls and Boys)</li> <li>• Chemistry</li> <li>• Anatomy</li> <li>• AP Physics</li> <li>• Early Childhood</li> <li>• Concurrent enrollment*</li> <li>• Research I-III (Science Fair)</li> <li>• Health Care Lab</li> <li>• Consumer Math</li> </ul>	<p>12<sup>th</sup> Grade</p> <ul style="list-style-type: none"> <li>• Journalism/Yearbook</li> <li>• Intermediate to Agriculture</li> <li>• Animal Science/Feeds</li> <li>• Shop/Ag Shop</li> <li>• Art I</li> <li>• Advanced Art</li> <li>• Weights (Girls and Boys)</li> <li>• PE (Girls and Boys)</li> <li>• Chemistry</li> <li>• Anatomy</li> <li>• AP Physics</li> <li>• Early Childhood</li> <li>• Concurrent Enrollment</li> <li>• Research I-IV (Science Fair)</li> <li>• Student Aide</li> <li>• Intro to Business/QuickBooks</li> <li>• Marketing Principles/ Adobe Illustrator</li> <li>• AP Computer Science</li> <li>• Health Care Lab</li> <li>• Consumer Math</li> </ul>

\*Denotes one semester only

## Junior High Electives

### Robotics

Are you interested in robotics! LEGO® robotics uses LEGO®s as a fun tool to explore robotics, mechanical systems, electronics, and programming. This class is primarily a lab experience which provides students with resources to design, build, and program functional robots constructed from LEGO®s and a few other parts such as motors and sensors. Learn robotics using Lego Mindstorms to design, develop and test robotics projects using data-collecting technology.

Shop:

Music:

Career Exploration:

### Art

Lab Fee: \$10.00

Students will learn the basics art techniques in drawing, painting, collage, clay, scratchboard, printmaking, pastels, etc. Students will have a set curriculum to follow. Students will be able to be unique and creative within the boundaries of the assignments.

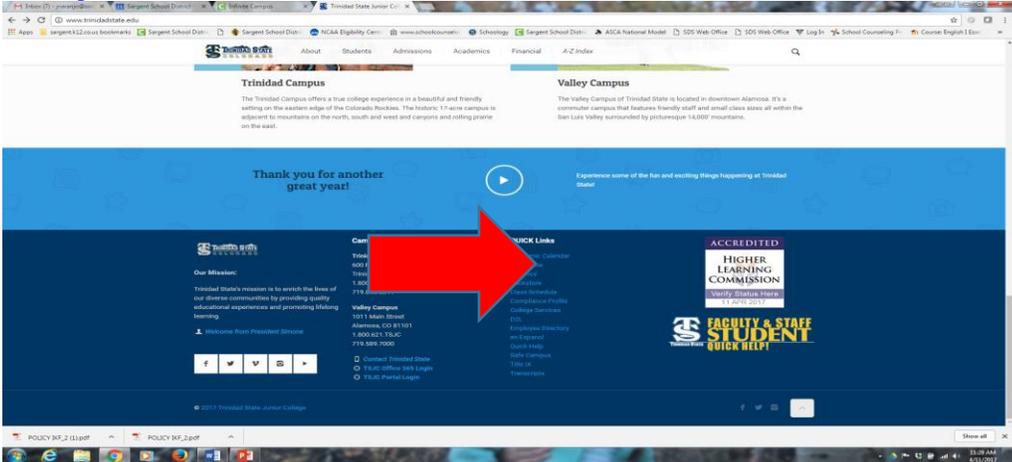
### Physical Education (PE)

- Develop and Maintain overall fitness
- Learn skills related to games and Activities
- Increase knowledge in the value of physical
- Fitness, the effects of exercise on the human body
- And rules and strategies of games and activities.

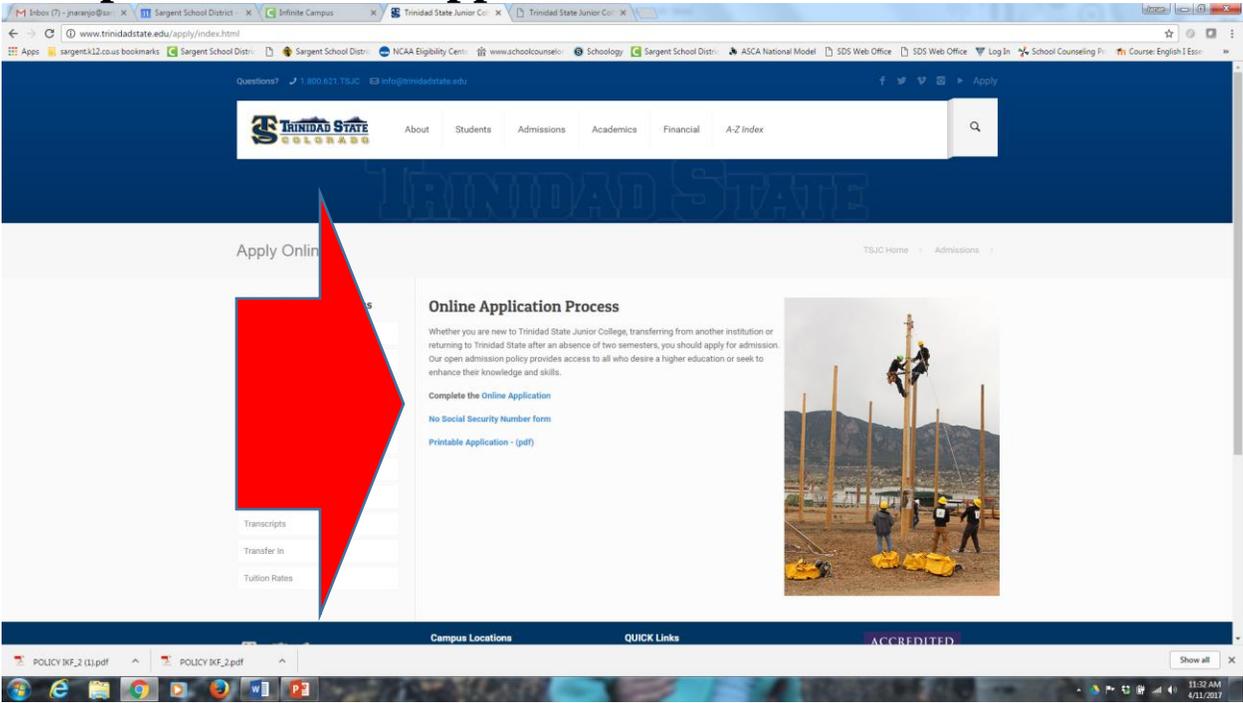
# STEPS TO ENROLL IN CONCURRENT ENROLLMENT

## 1. Complete an online application to TSJC.

a. <http://www.trinidadstate.edu/>



## 2. Complete the online application ONLY



- 3. When you complete your application you will get an S# ---- You have this number to place on the forms you turn in to me!**
- 4. If you don't get the S# - you need to log out and log back in 24 hours later.**
- 5. Choose your class and put the CRN number and course name in the box on page 3.**
- 6. Get your parent signature**
- 7. Turn in forms to Mrs. Naranjo**