SARGENT MIDDLE/HIGH SCHOOL
COURSE DESCRIPTION BOOKLET
2024-2025

The Mission

Inspire students to care more, learn more, and experience more in a safe and engaging learning environment.

The Vision

Dig deeper to explore passions that lead to lifelong learning and success.

NOTE: Please understand that a course mentioned in this booklet may be eliminated from school offerings each year

ENGLISH

ENGLISH 9: 1.0 English credit. *Required.*
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 The Lord of the Flies, Night, Shakespeare's Romeo and Juliet, Of Mice and Men, and a variety of short stories.

ENGLISH 10: 1.0 English credit. *Required.*
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, and Shakespeare's Julius Caesar, and a variety of short stories.

ENGLISH 11: 1.0 English credit. *Required.*
Prerequisite: English 9, 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: 1.0 English credit
Prerequisite: English 9, 10, 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.

TSC ENG 121- English Composition I Concurrent Enrollment Class: .5 High School English Credit
Prerequisite: Administrative approval
Description: English 121 is a college level course that emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a wide variety of compositions that stress analytical, evaluative, and persuasive/ argumentative writing. This is a statewide Guaranteed Transfer course in the GT-CO1 category.

TSC ENG 122- English Composition II Concurrent Enrollment Class:.5 High School English Credit
Prerequisite: Administrative approval
Description: English 122 is a college level course that 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 argumentative compositions. This course is approved as part of the Colorado Statewide Guaranteed Transfer curriculum GT-C02.

ENGLISH PROGRAM SCOPE AND SEQUENCE:
9th Grade: English 9
10th Grade: English 10
11th Grade: English 11
12th Grade: English 12 or TSC ENG 121/122

MATHEMATICS

ALGEBRA I: 1.0 mathematics credit. *Required.*
Description: Algebra I is designed to develop students' foundational understanding of algebraic concepts and problem-solving skills. This course focuses on the fundamental principles such as numerical and algebraic expressions, equations in one variable, relations and functions, linear and nonlinear functions, creating linear equations, linear inequalities, systems of linear equations and inequalities, exponents and roots, exponential functions, polynomials, quadratic functions, and statistics.

GEOMETRY: 1.0 mathematics credit. *Required.*
Prerequisite: Algebra I
Description: This course emphasizes deductive reasoning, critical thinking and problem solving-skills through the study of the following topics: Tools in Geometry: points, lines, planes, line segments, distance, midpoints, and bisectors; Angles and Geometric figures: angles congruence and angles relationships, two dimensional figures, transformations in the plane, surface, and volume of three-dimensional figures. Logical Arguments and Line Relationships:

conjecture and counterexample, statement, conditionals, and biconditionals, deductive reasoning, writing proofs, proving segments and angle relationships, parallel lines and transversal, slopes, and equations of lines, proving lines parallel, perpendicular and distance; Transformations and Symmetry: reflections, translations, rotations, composition of transformations, tessellations, and symmetry. Triangles and Congruence: angles of triangles, congruent triangles, proving triangles congruent: ASA, AAS, proving right triangles congruent, isosceles and equilateral triangles, and triangles and coordinate proofs; Relationships in Triangles: perpendicular and angle bisectors, median and altitude, inequalities in one triangle, indirect proof, the triangle inequality, and inequalities in two triangles; Quadrilaterals: angles of polygons, parallelograms, tests for parallelograms, rectangles, rhombi and squares, trapezoids and kites; Similarity: dilations, similar polygons, similar triangles: AA , SSS and SAS, triangle proportionality, and parts of similar triangles. Right Triangles and Trigonometry: geometric mean, Pythagorean theorem and its converse, coordinate in space, special right triangles, applying trigonometry, the law of sines and cosines; Circles: circumference, angles, arcs, chords, inscribed angles; Measurement: area of quadrilateral, regular polygon, circles and sectors, cross section and solid revolution, applying similarity to solid figures, and density; and Probability: sample space, probability and counting, geometric probability, permutations and combinations, multiplication rule, addition rule, conditional probability and two-way frequency table.

ALGEBRA II: 1.0 mathematics credit. *Required*
Prerequisite: Algebra I, Geometry and/or Teacher approval
Equipment: Graphing Calculator TI-83 or higher suggested
Description: Algebra II is a step beyond Algebra I, delving deeper into advanced algebraic techniques and mathematical principles. This course focuses on exploring relations and functions; linear equations, inequalities, and systems; quadratics functions; polynomials and polynomial functions; polynomial equations; inverse and radical functions; rational functions; inferential statistics; trigonometric functions; and trigonometric identities and equations.

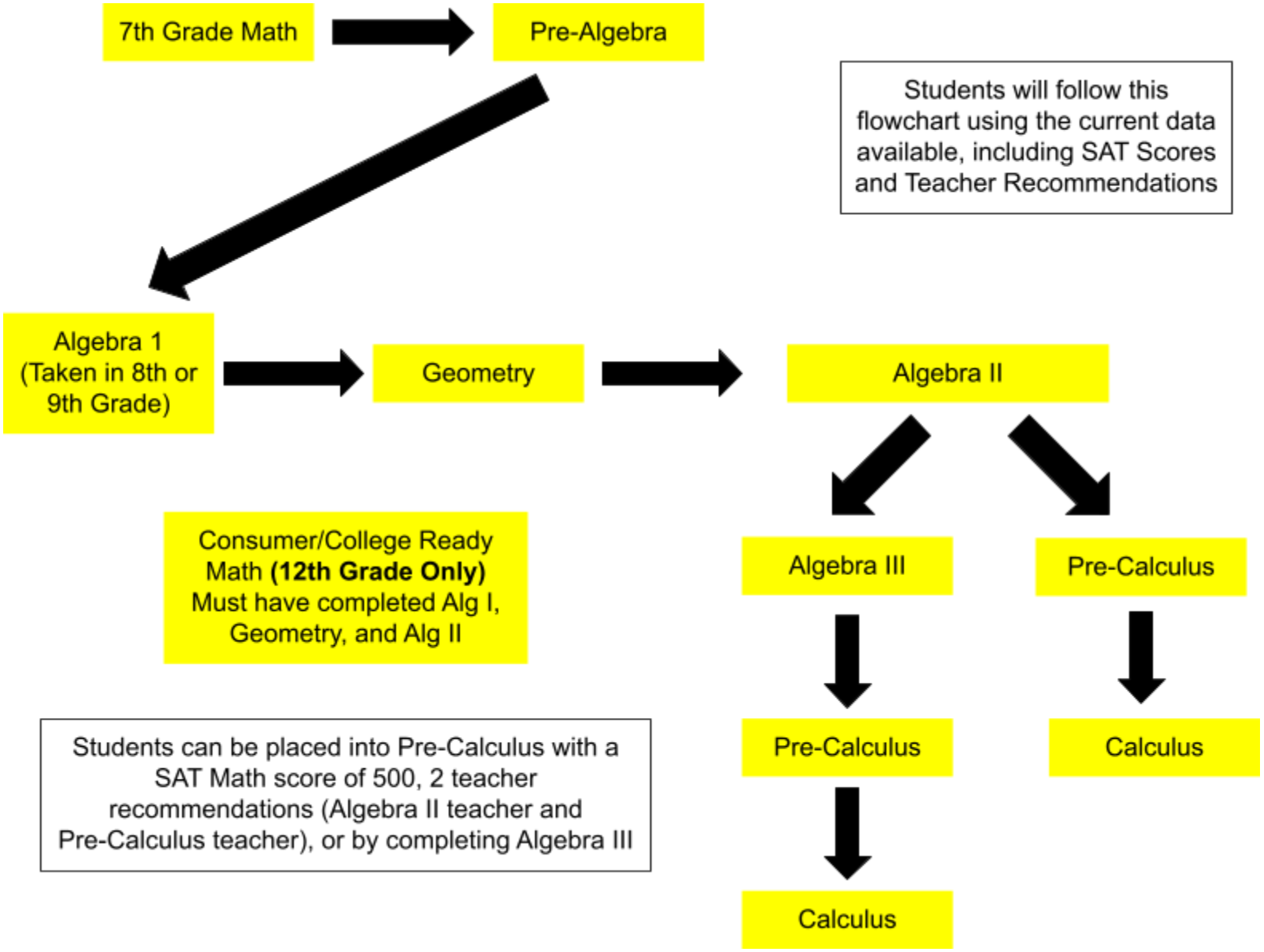
ALGEBRA III: 1.0 mathematics credit
Prerequisite: Algebra I, Geometry, Alg II
Description: Review, expand, and improve upon understanding of Algebra I, Geometry, and Algebra II and then introduce elements of Precalculus. Topics including solving equations in one variable, modeling real world situations, inequalities, absolute values, graphing equations, polynomial manipulation, systems of equations, circles, piecewise functions, complex numbers, solving quadratics, rational functions, properties of exponents and radicals, angles, arcs, triangles, trigonometric ratios and functions, logarithmic functions, and exponential functions

PRE-CALCULUS: 1.0 mathematics credit
Prerequisite: Algebra I, Geometry, Algebra II. In addition to Algebra III and/or 500 on the PSAT/SAT, or teacher approval

Equipment: Optional 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.

AP CALCULUS A/B: 1.0 mathematics credit. Weighted grade. Only offered as needed.
Prerequisite: Algebra I, Geometry, Algebra II. In addition to Pre-Calculus and/or 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.

Sargent Secondary Math Flowchart



SCIENCE

PHYSICAL SCIENCE/LAB: 1.0 Science 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.

BIOLOGY/LAB: 1.0 Science credit. *Required.*
Prerequisite: Physical Science
Lab Fee: $15
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.

EARTH SCIENCE/LAB: 1.0 Science credit
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.

CHEMISTRY: 1.0 Science credit.
Prerequisite: Algebra II or teacher approval.
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.

HUMAN ANATOMY AND PHYSIOLOGY: 1.0 Science credit.
Prerequisite: Algebra II or teacher approval.
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

INTRO TO FORENSIC SCIENCE: 1.0 Science credit.
Prerequisites: Biology and Algebra II or teacher approval.
Lab Fee: $15

Description: Forensic Science is a hands-on laboratory and project-based learning course that will lead the student through a foundation of law and criminal justice, history of forensics, and modern scientific advances in the field. Hair, fibers, DNA, ballistics, serology, poisons, drugs, arson, explosions, fingerprinting, forgery, and entomology are studied in detail. The scientific method, data analysis, and powers of observation and critical thinking to solve a problem are addressed in all aspects of the course.
This course recognizes the growing interest in jobs within the sciences, medical field, engineering, and law enforcement. These fields all overlap within the study of forensic science. In addition, the foundational aspect of this course will prepare students to then take college-level courses in physical sciences.

Course disclaimer

Before taking forensic science, it is important that both you and your parent/guardian are aware of the topics covered as part of this course. In this course, you will study several controversial topics, which include the following:

Crime scene situations and evidence
Fingerprint analysis
Hair and fiber analysis
Blood spatter evidence
Handgun and bullet analysis
The effects of a fired bullet on objects and people
Detection of alcohol and drugs (legal and illegal) associated with a criminal/crime scene
Detection of poisons in blood
Impressions from weapons, footprints, and bitemarks
Handwriting analysis as it relates to the forgery of documents
Arson, explosives, and hazardous materials
Decomposition of a body and forensic entomology
Cyber crime and the use of mobile devices by criminals and detectives
Case studies on infamous crimes and serial killers

It is important that you are comfortable with these topics and understand that at several points during our study of these topics you may encounter graphic images, videos, and illustrations in order to further your understanding of certain topics. It is important to note that to convict criminals, one must first understand the circumstances of criminals, the crimes they commit, and the tools they use to commit them. This course is not a criminal's "how-to" guide, but the science behind how criminals are caught; and they are almost always caught!

AP PHYSICS: 1.0 Science credit. Weighted grade. Offered every other year.
Lab Fee: $15
Prerequisite: Algebra II or teacher approval.

Description: This trigonometry based physics class covers Newtonian Mechanics, kinematics, rotational motion, forces, energy, and waves. Students will be expected to participate in classwork and meet outside of class to complete a series of approximately several major labs. This course is designed to mimic a General Physics class in college and will be quite demanding

Research I-IV: 1.0 Elective Credit
Lab Fee: $15
Prerequisite: 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 problems, making professional contacts with prominent scientists all over the world and selecting at least one mentor for a 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.

SCIENCE PROGRAM SCOPE AND SEQUENCE:
9th Grade: Physical Science
10th Grade: Biology and Earth Science (optional)
11th Grade: Earth Science/Chemistry/Human Anatomy and Physiology, Intro to Forensic Science, AP Physics (when offered).
12th Grade: Earth Science/Chemistry/Human Anatomy and Physiology, Intro to Forensic Science, AP Physics (when offered).

SOCIAL STUDIES

WORLD GEOGRAPHY/ECONOMICS: 1.0 social studies credit. *Required.*
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. 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.

WORLD HISTORY: 1.0 social studies credit. *Required.*

Description: This course examines the historical, economic and political development of the various regions of the world. Historical eras studied include: the Renaissance and Reformation, Exploration and Colonialism, Scientific and Industrial Revolution, Imperialism, WWI and WWII. Students will also interpret primary sources and have an understanding of multiple perspectives in secondary sources. Students will also learn to write critical essays, gain an understanding of cause and effect over time, and be able to compare developments from one period to another.

US HISTORY: 1.0 social studies credit. *Required.*
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.

AMERICAN GOVERNMENT: 1.0 social studies credit. *Required.*
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.

HISTORY PROGRAM SCOPE AND SEQUENCE:
9th Grade: World Geography/Economics
10th Grade: World History
11th Grade: US History
12th Grade: American Government

WORLD LANGUAGES

SPANISH 1: 1.0 World Language Credit. *Required.*
Description: 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 2: 1.0 World Language Credit.
Prerequisite: Spanish I or teacher approval
Description: 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 3: 1.0 World Language Credit.
Prerequisite: "C" average in Spanish II; teacher approval
Description: 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 4: 1.0 World Language Credit.
Prerequisite: "B" average in Spanish III; teacher approval
Description: 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.

AGRICULTURE

INTRODUCTION TO AGRICULTURE: 1.0 Elective Credit
Ag Fee: $20
Description: An introductory course for first year agriculture education students. This course introduces students to the foundational principles of agriculture, food and natural resources. Students will gain knowledge in career development, leadership, personal development, communications, animal science, plant science, natural resources, food science, power/structure and agribusiness.

PRINCIPLES OF ANIMAL AND VETERINARY SCIENCE: 1.0 Elective Credit
Ag Fee: $20
Prerequisite: Intro to Agriculture
Description: Students will develop knowledge, skills and understanding in the biological processes and physiological systems found in livestock and companion animal species including anatomy and physiology, growth and development, muscular and skeletal systems, integumentary system, respiratory and circulatory systems, nervous system, lymphatic and endocrine systems and excretory system. The scientific processes of observation, hypothesizing, data gathering, interpretation, analysis and application will be included. Career opportunities and educational preparation will be examined. Learning activities are varied with classroom, laboratory and field experiences will be included.

ANIMAL PRODUCTION: 1.0 Elective Credit
Ag Fee: $20
Prerequisite: Intro to Agriculture, Principles of Animal and Vet Science, and/or Ag Leadership/Ag Business
Description: Students will gain knowledge, skill and understanding in a variety of systems of production as well as the care, management and handling of livestock and companion animal species. Nutrients and nutrition, types of feeds, balancing rations, herd health management, common diseases, parasites, disease treatment and prevention, reproductive management, routine administration techniques and basic animal handling will be the topics covered in this course. Current animal agricultural issues will be researched and addressed. The scientific processes of observation, hypothesizing, data gathering, interpretation, analysis and application will be included. Career opportunities and educational preparation will be examined. Learning activities are varied with classroom, laboratory and field experiences will be included.

PRINCIPLES OF AGRIBUSINESS (AG BUSINESS): 1.0 Elective Credit
Ag Fee: $20
Prerequisite: Intro to Agriculture, Principles of Animal and Vet Science
In this course students will be comparing and contrasting business models and identifying the advantages and disadvantages to owners and customers within the agribusiness chains. Students will show an understanding of basic record keeping skills and applications in an agribusiness. Components include the general journal, balance sheet, cash flow statements, and financial statements, reconciliation of accounts, net worth, income statements, and profit and loss statements. Students will understand how these records can allow for business decisions within an agribusinesses or Supervised Agriculture Experience (SAE) program.
Instruction includes the use of economic principles such as supply and demand, budgeting, depreciation, ag. finance, risk management, business law, and careers in agribusiness. Students

will understand how these records can allow for business decisions within an agribusinesses or Supervised Agriculture Experience(SAE) program.

PRINCIPLES OF AG POWER, STRUCTURE, AND TECHNICAL SYSTEM: 1.0 Elective Credit
Ag Fee: $20
Prerequisite: Intro to Agriculture, Principles of Animal and Vet Science, and/or Ag Leadership/Ag Business/Animal Production
Description: Principles of Ag Power, Structure, and Technical System-A is an introductory course educating students to the basic skills and knowledge in construction and land management. This course covers topics including safety, project management, land site management, irrigation and drainage and agriculture structures and components. Upon completion of this course, proficient students will be prepared for more advanced coursework in agricultural mechanics.

WORK-BASED LEARNING IN AGRICULTURE: 1.0 Elective Credit
Ag Fee: $20
Prerequisite: Teacher approval
Description: This course is designed to prepare students to enter the workforce through on-the-job training in the form of a work-based learning experience and may be combined with class instruction. Students will build on prior knowledge and skills in the program of study aligned to their career and academic plan to further develop and
apply employability and technical skills that prepare them for success in future career and postsecondary education. Students will have the opportunity to develop skills in supervised practical experience on the job or in a classroom-based job environment. A personalized learning plan is a requirement of this course.

AGRICULTURE PROGRAM SCOPE AND SEQUENCE:
9th Grade: Intro to Agriculture
10th Grade: Principles of Animal and Veterinary Science
11th Grade: Ag Business/Ag Leadership/Animal Production
12th Grade: Ag Business/Ag leadership/Animal Production/Principles of Ag Power, Structure, and Technical System

BUSINESS

INTRODUCTION TO BUSINESS 1.0 Elective Credit

Description: Introduces the application of fundamental business principles to local, national, and international forums. This course examines the relationship of economic systems, governance, regulations, and law upon business operations. It surveys the concepts of career development, business ownership, finance and accounting, economics, marketing, management, operations, human resources, regulations, and business ethics.

STRATEGIC MARKETING/GRAPHIC DESIGN 1.0 Elective Credit
Prerequisite: Teacher approval
Description:

INTRO TO ENTREPRENEURSHIP/ENTREPRENEURSHIP 1.0 Elective Credit
Prerequisite: Teacher approval
Description:

PERSONAL FINANCE/FUNDAMENTALS OF ACCOUNTING 1.0 Elective Credit
Prerequisite: Teacher approval
Description:

AVIATION

INTRO TO AVIATION/AEROSPACE: 1.0 Elective Credit
Description: This course will provide an introduction to the aviation and aerospace industry and provide an entry level examination of Aviation career opportunities. Students will explore the concepts and principles of Aviation and delve into general practices of the aerospace field. Areas of study are aviation history, pilot training, airplane structure, engines, basic aerodynamics, flight environment, airports, aviation weather, and navigation. In addition, the course exposes the student to the history of manned space flight.

AERODYNAMICS: 1.0 Elective Credit
Description: This course studies the basic principles of aerodynamics, including airfoil shapes and aerodynamic forces,airplane performance, stability and control, strength limitations, and the application of these to specific flight situations. Included in this course are flight performance with airflow in the sub-, trans-, and supersonic envelope.Federal Aviation Administration: https://www.faa.gov/regulations_policies

PRINCIPLES OF FLIGHT: 1.0 Elective Credit
Description: Principles of Flight builds on the fundamental knowledge and skills learned in Introduction to Aerospace while teaching students the essential competencies needed for flight

under normal conditions. Upon completion of this course, proficient students will be able to apply knowledge, skills, and procedures in a variety of simulated flight environments. Moreover, students who complete this course will have the opportunity to move on to advanced study in Advanced Flight, where they will continue to prepare for the FAA Private Pilot written exam.

ADVANCED FLIGHT: 1.0 Elective Credit
Description: Advanced Flight is the capstone course in the Aviation Flight program of study intended to prepare students for careers in aviation. While continuing to build upon the knowledge, skills, and competencies acquired in Introduction to Aerospace and Principles of Flight, students in Advanced Flight will receive rigorous instruction in preparation to take the Federal Aviation Administration (FAA) Private Pilot written exam. This course goes beyond the mastery of procedures under normal conditions learned in Principles of Flight and introduces students to the troubleshooting and diagnostic techniques used by pilots and other aircraft personnel to assess and correct for malfunctions, make adjustments in hazardous weather conditions, and perform other crucial emergency procedures. Continued emphasis is placed on maintaining the safety of flight and developing sound judgment ("judgment training") throughout these conditions. In addition, students will develop a keen understanding of advanced aerodynamics and the physics of flight to aid in decision-making and technical adjustments while working under simulated abnormal procedures

AVIATION PROGRAM SCOPE AND SEQUENCE:
9th Grade: Intro to Aviation/Aerospace
10th Grade: Aerodynamics
11th Grade: Principles of Flight
12th Grade: Advanced Flight

PHYSICAL EDUCATION

PE: 1.0 Physical Education Credit
Prerequisite: None
Description: This class will focus on both the physical and mental aspects of physical fitness in relation to the cardiovascular system and its effects on the body. A class designed to help the student athlete develop. Plyometric, parachutes, and other devices are available for the student.

BOYS/GIRLS WEIGHTS: 1.0 Physical Education Credit
Prerequisite: None, open to grades 10-12

Description: Students will engage in coordinated weight and cardiovascular training programs that focus on good health and appropriate activities for high school students. Individualized programs designed to make students stronger, faster, and more flexible, put weight on or take it off.

ELECTIVES

AP COMPUTER PROGRAMMING: 1.0 Elective Credit. Weighted grade. Offered every other year.
Prerequisite: None
Lab Fee: $15
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 Principles 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.

ART: 1.0 Elective Credit
Prerequisite: None,
Art Fee: $30
Course Description: This course is designed to give students a basic understanding and appreciation for art by exploring various materials and studio techniques. Equal time will be given to drawing, painting, ceramics, sculpture, and printmaking at a high school level, which will emphasize both skill development and creative thought process. Grading will be based on timely completion of work, as well as craftsmanship, design, problem solving, meeting project criteria and work ethic. This course will meet the needs of ability levels.

ADVANCED ART: 1.0 Elective Credit
Prerequisite: Art, open to grades 11 and 12
Art Fee: $30
Course Description: This class is intended for the highly motivated student who is willing to make a serious commitment to broaden their skills and experiences, engage in both research and discussions, as well as to reflect on their strengths and weaknesses, to develop works. Students must be able to work in a studio atmosphere and produce work that emphasizes personal expression and growth while being aware of artists and styles of the past.

11TH AND 12TH GRADE EARLY CHILD DEVELOPMENT: 0.5 Elective Credit
Prerequisite: Approval by School and Daycare Administration. 11 and 12th grade students only. 2.0 GPA. 16 years of age
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.

12TH GRADE WORK-STUDY: 0.5 Elective Credit
Prerequisite: 12th grade students only. Administrative approval. Must have at least a 2.0 GPA. Signed work-study contract required.
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 school 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 counselor must supervise all work-study students.

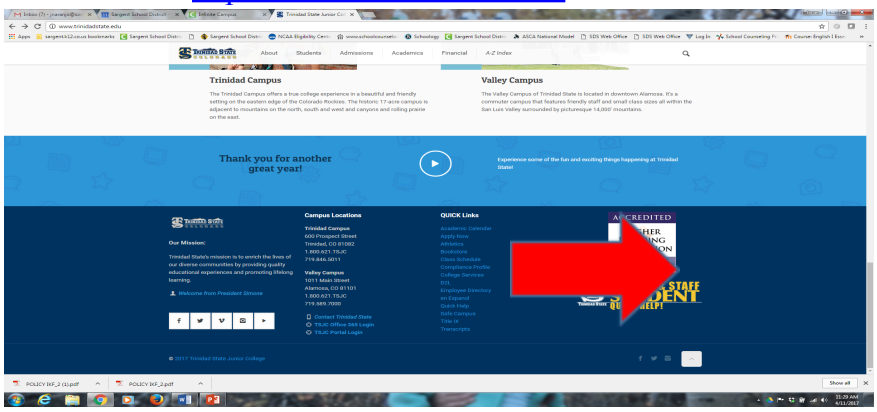
12TH GRADE STUDENT AIDE: 0.5 Elective Credit
Prerequisite: Administrative/teacher approval. 12th grade students only. 2.5 GPA
Description: This is an excellent opportunity for students to volunteer their talents and abilities in the service of the school. By doing so, they will learn the dynamics of 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. ‘

INDEPENDENT STUDY: 0.5 Elective Credit
Prerequisite: Administration and board approval required. Please see the school counselor for more information.
Description; Independent study programs are designed to offer students an opportunity to further their knowledge in a topic that is not offered within the school’s curriculum

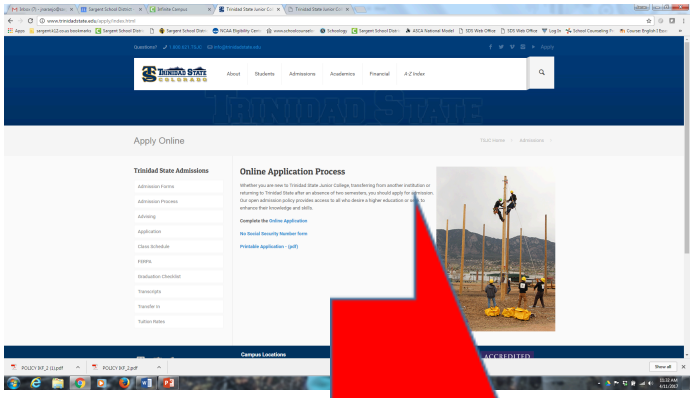
CONCURRENT ENROLLMENT:
Prerequisite: Completion of COF and concurrent application, Administration approval required. must be in congruence with students’ individual career and academic plan (ICAP). Please see the school counselor for more information.

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 the school counselor**

HIGH SCHOOL SCOPE AND SEQUENCE

Social Studies:

- 9th World Geography/Economic
- 10th World History
- 11th US History
- 12th- Government

Mathematics:

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

Science

- 9th Physical Science
- 10th Biology
- 11th and 12th Earth Science, Chemistry, Anatomy, AP Physics, Intro to Forensic Science

English

- 9th Grade English
- 10th Grade English
- 11th Grade English
- 12th Grade English

HIGH SCHOOL GRADUATION REQUIREMENTS

Units of Credit Needed Class of 2025 and Beyond

- 4 English Credits
- 4 Mathematics Credits (must include Alg 1. Geometry, Algebra II)
- 4 Science Credits (two need to be lab based)
- 4 Social Studies Credits
- 1 World Language Credits
- 9 Electives

Total Credits: 26

Graduation Requirement Guideline Requirements
Students must demonstrate readiness for college and career based on at least one measure in Reading, Writing and Communicating, and one measure in Mathematics 1

English

Measure	**Cut Score/Criteria**
Classic: Accuplacer assessment	Score of at least 62 on Reading Comprehension OR 70 on Sentence Skills.
Next Generation: Accuplacer assessment	Score of at least 241 on Reading OR 236 on Sentence Writing
ACT assessment	Score of at least 18 on English.
Advanced Placement (AP) exam that demonstrates English readiness, as identified on the accompanying exhibit.*	Score of at least 2
Armed Services Vocational Aptitude Battery (ASVAB)	Score in at least 31 on the AFQT
SAT assessment	Score of at least 470 on English.
Concurrent enrollment course that demonstrates English readiness, as approved by the district and included in the student's academic plan of study or Individualized Career and Academic Plan (ICAP).	Students must maintain a passing grade of "C" or higher, per policy IHCDA-E
Industry certificate that demonstrates academic and intellectual learning in the subject area of English.	Receipt of the industry certificate and approval by the district-designated team. *[NOTE: The district should create an accompanying regulation to define its process for qualifying industry certifications.]*
District capstone project that demonstrates academic and intellectual learning in the subject area of English.	Completion of the district capstone project and approval by the district-designated team.

Math

Measure	**Cut Score/Criteria**
Classic: Accuplacer assessment	Score of at least 61 on Elementary Algebra.
Next Generation: Accuplacer assessment	255 on Arithmetic (AR) OR 230 on Quantitative Reasoning, Algebra, and Statistics (QAS)
ACT assessment	Score of at least 19 on Math.
Advanced Placement (AP) exam that demonstrates Math readiness, as identified on the accompanying exhibit.*	Score of at least 2.
Armed Services Vocational Aptitude Battery (ASVAB)	Score in at least 31 on the AFQT
SAT assessment	Score of at least 500 on Math.
Concurrent enrollment course that demonstrates Math readiness, as approved by the district and included in the student's academic plan of study or Individualized Career and Academic Plan (ICAP).	Students must maintain a passing grade of "C" or higher, per policy IHCDA-E
Industry certificate that demonstrates academic and intellectual learning in the subject area of Math.	Receipt of the industry certificate and approval by the district-designated team. *[NOTE: The district should create an accompanying regulation to define its process for qualifying industry certifications.]*
District capstone project that demonstrates academic and intellectual learning in the subject area of Math.	Completion of the district capstone project and approval by a district-designated reviewer.

Grading Scale

% of Grade	Letter Grade	Standard	Weighted
90-100	A	4.0	5.0
80-89	B	3.0	4.0
70-79	C	2.0	3.0
60-69	D	1.0	2.0
59 and below	F	0.0	0.0

Honors
Academic Letter: GPA 3.5 or higher (1st, 2nd, 3rd quarters)
Gold Honors Cord at Graduation: 3.76 and higher cumulative GPA
Silver Honors Cord at Graduation: 3.5-3.75 cumulative GPA

MIDDLE SCHOOL

ENGLISH 6: Core Course. *Required*
Prerequisite: None
Description:

ENGLISH 7: Core Course. *Required*
Prerequisite: English 6
Description: Students will create slideshow autobiographies to get to know each other's ground and learn to use proper grammar, punctuation, capitalization and sentence structure. Students will then gather information by searching the internet and other technology to create a better research of an individual's background. Students will also conduct personal interviews with outside sources, to gather information about family history. Lastly, students will discuss and share orally with the class the information that was gathered and researched in an educational setting. Students will engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 8 topics, texts, and issues, building on others' ideas and expressing their own clearly. Students will read and cite informational texts to understand and state what the text states. Students will analyze and draw inferences of various texts both informational and persuasive texts. Students will use a variety of sources to research to construct and edit while composing written works, using language, style, tone, and text structure to compose or adapt writing for different audiences and purposes Lastly, students will effectively use content-specific language, style, tone, and text structure to compose or adapt writing for different audiences and purposes.

ENGLISH 8: Core Course. *Required*
Prerequisite: English 7
Description: Students will form a presentation by researching various topics of choice, to formally present the finding, facts and details to a range of audiences. Students will deliver organized and effective oral presentations for diverse audiences and varied purposes. Students will cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.while understanding and expressing the main idea, theme and central idea of the informational text. Students will draw on several sources to investigate various topics and to be able to write, convey the main points, characters, theme, setting and tone. This will allow students to effectively use content-specific language, style, tone, and text structure to compose or adapt writing for different audiences and purposes.

6TH GRADE MATH: Core Course.
Prerequisite: None
Description:

6TH GRADE ADVANCED MATH: Core Course.
Prerequisite: NWEA scores and teacher recommendation
Description:

7TH GRADE MATH: Core Course.
Prerequisite: 6th Grade Math
Description: Student develops an increase in knowledge in fractions, integers, decimals, rational numbers, and the use of using operations with them. Learn the difference between expressions and equations and solving for a variable. Start learning more about Geometry with shapes, area, etc.. Start to learn the basics of Algebra in solving for the missing variable. Literacy strategies are integrated throughout the curriculum.

7TH GRADE ADVANCED MATH: Pre-Algebra. Core Course.
Prerequisite: NWEA scores and teacher recommendations
Description: Student develops an increase in knowledge in fractions, integers, decimals, rational numbers, and the use of using operations with them. Learn the difference between expressions and equations and solving for a variable. Start learning more about Geometry with shapes, area, etc.. Start to learn the basics of Algebra in solving for the missing variable. Literacy strategies are integrated throughout the curriculum.

8TH GRADE MATH: Pre-Algebra. Core Course.
Prerequisite: 7th Grade Math
Description: Student develops an increase in knowledge in fractions, integers, decimals, rational, irrational numbers, and the use of using operations with them. Introduction to more algebra related aspects such as exponents, square roots, scientific notation, graphing, functions, and solving systems of equations. Learn the difference between expressions and equations and solving for a variable. Start learning more about Geometry with shapes, area, volume, congruency, similarity. Literacy strategies are integrated throughout the curriculum.

8TH GRADE ADVANCED MATH: Algebra. Core Course.
Prerequisite: NWEA scores and teacher recommendations
Description: Student develops an increase in knowledge in fractions, integers, decimals, rational, irrational numbers, and the use of using operations with them. Introduction to more algebra related aspects such as exponents, square roots, scientific notation, graphing, functions, and solving systems of equations. Learn the difference between expressions and equations and solving for a variable. Start learning more about Geometry with shapes, area, volume, congruency, similarity. Literacy strategies are integrated throughout the curriculum.

SCIENCE. Core Course. *Required.*

The Sargent Junior High School Science program is designed to provide students with the opportunity for hands-on, investigative, problem-solving experiences with a variety of science topics. In addition to developing laboratory skills, students will be given a foundation in basic science concepts, terminology, graphing, data analysis, measurement, and math application. Students will be given the opportunity to practice science process skills throughout the year. The content of the courses incorporates important concepts from Life Sciences, Earth Sciences, and Physical Sciences. The science program is aligned with the Colorado Common Core Curriculum. Process skills and relationships among science, technology, and society are integrated within the content areas. Participation in Science Fair is one of the many highlights of the year that allows for cross curriculum studies and academic competition.
Units of discovery include Genetics, Force and Motion, Waves, Space and Technology, Weather

SCIENCE 6:
SCIENCE 7: Focuses include units on Scientific Safety and Methods, Cells and Cellular Processes and Energy, The Human Body, Natural Disasters, A Trip Through Geological Times, Animal Reproduction and Behavior and Chemistry Basics.
SCIENCE 8: Curriculum units include Genetics and DNA, Forces, Energy, Chemical Reactions, Waves, Resources and Living Things, Climate and Climate Change, and Astronomy, including the studies of Space, Solar Systems, and aspects of the Universe.

HISTORY 6:
Prerequisite: None
Description:

HISTORY 7: Eastern World History. Core Course. *Required.*
Prerequisite: History 6
Description: This course covers a wide range of topics in the Eastern hemisphere from the Five Themes of Geography, Prehistory, Ancient River Valley Civilizations, Bronze age (Greece & Rome), Globalization, Industrialism, Eastern World Government, and Eastern Religion. Students will learn important mapping/geography skills, how early civilizations formed, rose to power, and collapsed at the end of the Bronze Age. Students will also learn how modern Eastern governments operate and about the religions popular in the region.

HISTORY 8: U.S. History (Survey, Settlement - Reconstruction). *Required*
Prerequisite: History 7
Description: Students will study United States history through Reconstruction. Units include Exploration & Native Americans, The Colonies, Revolution, A New Nation, Constitution, A

Young Nation (1810-1850), A Nation Divided (1804-1865), A Nation Reconstructs. Early units include close work with primary sources as students work toward understanding American principals. The Constitution unit is particularly in depth as students work with case law to work toward an understanding of the rights within this country. The class also covers everything leading up to the Revolutionary War, War of 1812, Civil war, and the reconstruction after each respective war.

Middle School Electives

GUITAR
Description: This is an introductory beginning guitar class that will focus on reading chord grids and playing chords. Students will also learn to play TAB which is more of a visual way to learn finger placement. School guitars are provided, but if you have your own, you may bring it.

DRAMA 8
Description: The goals of the Drama Program are to emphasize actor training, script analysis, and the creative design and use of production elements. It is our focus to maintain a system of multiple production opportunities grounded in production and performance. Students participate in a vast array of activities including impromptu speaking, lip-syncs, and participation in a full-length drama production.

LIFESKILLS
Description: The goals of the junior high school Life Skills Program is to develop daily living skills which are essential for promoting independence, self-care, and the overall quality of life. Skills taught encompass a wide range of areas, including personal hygiene, meal preparation, money management, time management, transportation, and community navigation.

SPEECH
Description: In this course, students learn about different genres of speeches as well as different communication strategies. For their assessments, students will give 4 short speeches in total:1) a persuasive speech about the ethics of self-driving cars, 2) a mini marketing pitch about their own original design for a new robot, 3) a detailed explanation of a smartphone app so that the elderly could use it, and 4) a captivating story about a hobby they participate in. The speeches/presentations are embedded in real-world content and interesting topics, such as robotics, app development, and extracurricular activities. Watching and analyzing educational TedTalks both improves students' listening comprehension skills as well as enriches students' understanding of presentation techniques.

JH Art
Lab Fee: $10.00
Description: This course is an introduction to an art studio experience. Students will develop their skills while learning basic concepts and techniques. Students will be given the opportunity to explore materials and methods that promote personal expression and inventive thinking. In addition, students will be given the opportunity to work on collaborative projects. Emphasis will be placed on work ethics versus talent in hopes of increasing personal growth and encouraging life-long appreciation of the visual arts and its history.

Physical Education (PE)/Health

For Junior High PE, we will play a variety of games that use many different skills for the students. They will learn to develop and maintain overall fitness and use teamwork to help develop cohesion as a class. They will also be changing out and learning to have proper personal healthcare. They will learn to have fun through fitness and create a positive, competitive, environment through their class.

For 7th grade health, students will learn a variety of topics that cover many basic ideas within the class, such as nutrition to personal health. Students will receive a small introduction of how to take care of their body and become a healthy individual. We do many different things in the class, such as notes, presentations, projects, and surveys.

JH STEAM
Description:

LEADERSHIP:
Description:

MATH ESSENTIALS:
Description:

8TH GRADE SPANISH
Description:

8TH GRADE BUSINESS CAREER EXPLORATION
Description:

MIDDLE SCHOOL ELECTIVES SCOPE AND SEQUENCE

6th Grade

- Art/Guitar
- PE/Health
- STEAM/Lifeskills

7th Grade

- Art/Speech
- PE/Health
- Math Essentials

8th Grade

- Drama/Leadership
- PE/Health
- Spanish/Business Career Exploration