



**Terra Nova High School
Course Catalog
2019-2020**

TERRA NOVA MISSION STATEMENT

The Terra Nova High School community will develop socially responsible lifelong learners who are collaborative, creative, and adaptive thinkers via a rigorous academic curriculum and a variety of extracurricular activities that celebrate diversity and promote leadership skills.

COURSE CATALOG OVERVIEW

The 2019-2020 Terra Nova Course Catalog contains a listing and description of every course and program that is scheduled to be offered for the next school year. It is a tool, designed to help students select their courses and build an individualized 4-year plan in accordance with their postsecondary goals.

Each course description contains information about the subject matter covered, appropriate grade levels of students enrolled in the course, required prerequisites, graduation requirement met by the course, and if the course is UC/CSU "A-G" approved. Please pay attention to this information as it will help you select the courses that best fit your talents, needs, and educational plan.

Counselors work with students throughout their high school tenure to develop an individual educational plan and to explore educational opportunities and options. They are available to answer questions and guide students in their course selections.

GUIDANCE DEPARTMENT POLICIES

Students are expected to remain in courses for the entire duration of the course. Terra Nova High School encourages all students to take the course selection process seriously. Due to space and budget realities, class changes at mid-semester or mid-year are difficult and often impossible to make.

Terra Nova High School adheres to a strict policy of no schedule changes based on teacher preference, time preference, or the desire for easier classes. Please note, most schedule changes can only be accommodated during the first two weeks of the fall semester and the first week of the spring semester.

The Guidance Department will make class changes based on the following reasons:

- Scheduling Error
- Summer Coursework
- Incomplete Prerequisites
- Administrative Directive

ADVANCED PLACEMENT (AP) AND HONORS COURSES

Enrollment in AP and Honors courses is based on academic achievement, teacher recommendations, and other forms of assessments including but not limited to writing samples, standardized test scores, G.P.A. analysis, and portfolio submissions.

Students who wish to enroll in AP and Honors courses can do so if they meet the respective prerequisites and complete the appropriate registration process. All students who choose to enroll in an AP class will be required to sign an AP Commitment Contract wherein the student and parent/guardian agree to remain in the class for the entire school year and understand the increased academic rigor and student expectations.

Every AP class is designed to culminate in the taking of the corresponding AP exam. All students are encouraged to prepare for and take the AP exam for the particular subject or submit a portfolio for Studio Art. In 2018, the cost of an AP exam was \$94. A fee reduction is available for students who participate in our free & reduced lunch program. In 2018, the cost of a reduced exam was \$5.

TERRA NOVA HIGH SCHOOL ACADEMIC COURSE PLANNING

GRADUATION REQUIREMENTS

To earn a Terra Nova High School diploma, a student must complete all subject requirements with a passing grade (D or higher) and earn 225 total credits. Each semester, a course is worth 5 credits. If a student passes the entire year-long course, he or she will earn 10 credits in the respective subject matter. A total of 60 credits can be earned by a student in one school year.

- English: 40 credits
- Math: 30 credits
- Social Science: 30 credits
 - (World History, U.S. History, Government, Economics)
- Science: 20 credits
 - (1 year Life Science, 1 year Physical Science)
- World Language **OR** Fine Arts: 10 credits
- Career Technical Education: 10 credits
- Physical Education: 20 credits
- Health: 5 credits
- Electives: 60 credits
 - The remaining number of credits necessary to complete the total 225 credits will be earned through additional prescribed courses

UC/CSU SUBJECT REQUIREMENTS

To be considered for freshmen admission to a CSU or UC campus, a student must complete a minimum of 15 "A-G" subject requirements, maintain the minimum GPA accepted and take a college entrance exam (SAT or ACT). For more information on each system, please visit their respective website: <https://www2.calstate.edu/apply> and www.universityofcalifornia.edu



	TNHS Graduation Requirements	CSU Subject Requirements	UC Subject Requirements
English	40 credits	4 years	4 years
Math	30 credits	3 years Math Course 3 or equivalent course required	3 years (4 years recommended) Math Course 3 or equivalent course required
Science	20 credits	2 years 1 year life science 1 year physical science	2 years (4 years recommended)
Social Studies	30 credits World History U.S. History Government/Economics	2 years World History U.S. History Government	2 years World History U.S. History Government
World Language	10 credits in either a World Language or Fine Arts	2 years in the same language	2 years in the same language (3 years recommended)
Fine Arts		1 year Visual or performing arts	1 year Visual or performing arts
Career Technical Education (CTE)	10 credits	No requirement	No requirement
Physical Education	20 credits	No requirement	No requirement
Health	5 credits	No requirement	No requirement
Electives	60 credits	1 year College preparatory elective	1 year College preparatory elective
Total Credits	225 credits		

CALIFORNIA COMMUNITY COLLEGES

California Community colleges admit all California high school graduates and adults ages 18 or over. Community Colleges offer a variety of programs ranging from two-year degrees to vocational training & certificate programs as well coursework transferable to a four-year college and applicable towards a Bachelor's degree.

To best prepare for the community college, Terra Nova students are encouraged to follow a rigorous college preparatory curriculum all four years.

NCAA ELIGIBILITY

Students interested in playing sports at an NCAA Division I or II college/university must meet the NCAA academic eligibility requirements:

- Complete a certain number of high school core courses (defined below).
- Earn a certain minimum grade point average in these core courses
- Earn a certain minimum score on the SAT or ACT
- Graduate from high school

A core course is a high school course that has met certain NCAA academic criteria. Terra Nova High School's list of NCAA approved core courses can be found on the NCAA eligibility center high school portal: <https://web1.ncaa.org/hsportal/exec/homeAction>.

Student athletes are encouraged to pursue a rigorous and successful college-preparatory high school transcript. For more information, see the NCAA's *Guide for the College-Bound Student-Athlete*, in the Publications section of the NCAA website: <http://www.ncaapublications.com/>

DUAL ENROLLMENT: SKYLINE

ASL 100: AMERICAN SIGN LANGUAGE

A beginning course designed to introduce students to the visual-gestural richness of American Sign Language as it is used within the Deaf Culture. Introduces students to ASL's basic structure and vocabulary while developing students' expressive skills and understanding of fingerspelling and basic conversational strategies. Provides an introduction to the Deaf community and culture.

Grade Level: 9th -12th

Transfer credit: UC; CSU. Equivalent to two years of high school ASL

Fulfills graduation requirement of 10 credits of World Language **OR** Fine Arts

AUTO 710: FUNDAMENTALS OF AUTO TECHNOLOGY (13.2 High School Credits; 4.0 College Credits)

An introduction to the Automotive Technology program and profession. A survey of the basic tools and fasteners and related mathematics required in automotive service. This course is recommended for those students desiring entrance into Automotive Technology day-program at Skyline.

Grade Levels: 11th – 12th (10th with permission)

Fulfills graduation requirement of 10 credits of Career Technical Education

ETHNIC STUDIES

ENGLISH

Graduation Requirement: 40 credits

Students are expected to be enrolled in an English course for each of their four years at Terra Nova High School.

ENGLISH 9: INTRODUCTION TO LITERATURE AND COMPOSITION CP

This introductory course focuses on reading and writing at the high school level. All English 9 students read short stories, novels, mythology, and poetry, as well as write literary analysis essays, research papers, and personal narratives. In all areas, reading, writing, listening, speaking, and critical thinking skills are emphasized.

Grade Level: 9th

Course is UC/CSU-b approved

ENGLISH 9: ENRICHED CP*

This introductory course focuses on reading and writing at the high school level. All English 9E students read short stories, novels, mythology, and poetry, as well as write literary analysis essays, research papers, and personal narratives. In all areas, reading, writing, listening, speaking, and critical thinking skills are emphasized. English 9E students read more complex works, including works by Charles Dickens and Victor Hugo.

Grade Level: 9th

Course is UC/CSU-b approved

***To be eligible for English 9: Enriched CP, students must take and pass a placement test to be enrolled in the class. Failure to take the test will prohibit a student's entrance into English 9: Enriched CP class.**

ENGLISH 10: LITERATURE OF WESTERN CIVILIZATION CP

During their sophomore year, students in English 10 read novels, plays, short stories, and poetry which are aligned with the world history course in which they are enrolled. These pieces reflect the breadth and depth of Western Literature and include seminal works such as Animal Farm and Night. All students write research papers and literary response essays.

Grade Level: 10th

Course is UC/CSU-b approved

ENGLISH

Graduation Requirement: 40 credits

Students are expected to be enrolled in an English course for each of their four years at Terra Nova High School.

ENGLISH 10: ENRICHED CP*

During their sophomore year, students in 10E read novels, plays, short stories, and poetry which are aligned with the world history course in which they are enrolled. These pieces reflect the breadth and depth of Western Literature and include seminal works such as Animal Farm and Night. All students write research papers and literary response essays. Students in English 10E read at a faster pace, and their literature includes more complex works of literature. As in all Terra Nova English courses, reading, writing, listening, speaking, and critical thinking skills are emphasized.

Grade Level: 10th

Course is UC/CSU-b approved

***To be eligible for English 10: Enriched CP, students must have earned at least a “B-” or better each semester of English 9 Enriched CP, and have the recommendation of their teacher. Students wishing to move from English 9 CP to English 10: Enriched CP must have earned at least an “A-” or better each semester of English 9 CP and have the recommendation of their teacher. Any student who dropped out of English 9: Enriched CP will be placed on the waitlist for admittance into English 10: Enriched CP.**

ENGLISH 11: AMERICAN LITERATURE & STUDIES CP

During their junior year, students in English 11 read American novels, short stories, poems and plays that are aligned with situations and themes they study in their American history course. Additionally, they read historically relevant non-fiction texts that deepen their understanding of seminal fictional works such as To Kill a Mockingbird and The Great Gatsby. All students will write research and literary response essays, as well as persuasive essays or personal narratives. They also complete multimedia projects, individually or collaboratively, that develop their presentation skills.

Grade Level: 11th

Course is UC/CSU-b approved

ENGLISH

Graduation Requirement: 40 credits

Students are expected to be enrolled in an English course for each of their four years at Terra Nova High School.

ENGLISH 11 HONORS CP*

During their junior year, students in English 11H read American novels, short stories, poems and plays that are aligned with situations and themes they study in their American history course. Additionally, they read historically relevant non-fiction texts that deepen their understanding of seminal fictional works such as *To Kill a Mockingbird* and *The Great Gatsby*. All students will write research and literary response essays, as well as persuasive essays or personal narratives. They also complete multimedia projects, individually or collaboratively, that develop their presentation skills. Students in English 11H additionally read complex works such as *The Grapes of Wrath*, *Nickel and Dimed*, and *Catch 22*. While learning the intricacies of stylistics in writing, students in 11H focus on text analysis for imagery, tone, voice, and issues of audience and purpose.

Grade Level: 11th Course is UC/CSU-b approved

***To be eligible for English 11 Honors CP, students must have earned at least a “B-” or better each semester of English 10: Enriched CP, and have the recommendation of their teacher. Students wishing to move from English 10 CP to English 11 Honors CP must have earned at least an “A-” or better each semester of English 10 CP and have the recommendation of their teacher.**

AP ENGLISH LANGUAGE AND COMPOSITION

This college-level course is designed to engage students in becoming skilled readers in prose written in a variety of time periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both will make students aware of the writer’s purposes, audience expectations, subjects, and conventions to contribute to the effectiveness in writing. Students will learn how to write in narrative, exploratory, expository, and argumentative styles at a professional level. The intense concentration on language use should enhance the students’ sophistication and ability to analyze and compose mature, stylistic prose. Students can earn college credit by successfully passing this course and the AP College Board Exam. Students are required to prepare for the AP Examination in May; all students are encouraged to take the exam.

Grade Level: 11th

Course is UC/CSU-b approved

Students wishing to enroll in AP English Language and Composition must have earned at least a “B-” or better each semester of English 10: Enriched CP and have the recommendation of their teacher. Students wishing to move from English 10 CP to AP English Language and Composition must have earned at least an “A-” or better each semester of English 10 CP, and have the recommendation of their teacher.

ENGLISH

Graduation Requirement: 40 credits

Students are expected to be enrolled in an English course for each of their four years at Terra Nova High School.

ENGLISH 12: Expository, Reading and Writing Course CP (ERWC)

Rhetoric and Writing will prepare seniors for the literacy demands of higher education and other post-secondary placements. Through the reading of non-fiction and fictional texts, students will develop advanced proficiencies in expository, analytical, and argumentative reading and writing, as well as literary response, focusing on the analysis and implementation of rhetorical strategies. This year-long course contains coursework specifically designed by faculty, staff, and board members of the CSU system.

Grade Level: 12th

Course is UC/CSU-b approved

AP ENGLISH LITERATURE & COMPOSITION

This college-level course is designed to engage motivated and independent learners in the careful reading and interpretation of literary works. Through class discussions and their own writing, students will study non-fiction, poetry, drama, and the novel, working both in groups and on their own. The class is fast-paced, as are all AP courses, so students should be prepared to spend an hour each night either reading or writing. Students may earn college credit by taking this course and successfully passing the College Board Exam. Students are required to prepare for the AP Examination in May; all students are encouraged to take the exam.

Grade Level: 12th

Course is UC/CSU-b approved

Students wishing to enroll in AP Literature and Composition must have earned at least a “B-” or better each semester of AP Language and Composition or English 11 Honors CP and have the recommendation of their teacher. Students wishing to move from English 11 CP to AP Literature and Composition must have earned at least an “A-” or better each semester of English 11 CP and have the recommendation of their teacher.

FILM AS LITERATURE CP

This UC-approved English course explores the basic elements of narrative, nonfiction, and visual storytelling. We will read classic novels, short stories, articles, and poetry in combination with a variety of movies, television, online videos, and photography. We will write critical reviews, short stories, research papers, and scripts for narratives, music videos, and documentaries. As we study visual media in historical, cultural, and artistic contexts, students will gain experience investigating and telling their own stories. Additionally, students will conceive, pitch, write, storyboard, direct, perform, and edit at least two video projects in the course of the year. Student work will also be featured online and in film festivals each semester.

Grade Level: 11th-12th

Course is UC/CSU-b approved

ENGLISH

Graduation Requirement: 40 credits

Students are expected to be enrolled in an English course for each of their four years at Terra Nova High School.

JOURNALISM 1: MEDIA COURSE CP

Journalism 1 CP is a college-prep elective class whose primary purpose is the production of the Terra Nova Times in both Print and Web edition. Our school newspaper is not only an important vehicle of communication on our own campus, but is also a critical link to the larger community, so students should expect to cover a variety of events and write about a wide range of topics. Students will be involved all parts of producing the newspaper: writing, interviewing, taking photographs, doing layout, updating the web page/social media, and selling advertising, along with looking at other print media for layout/story ideas. Students will also learn to use Adobe Photoshop and Adobe InDesign software. Course credits will be applied as Elective credits.

Grade Level: 11th-12th

Course is UC/CSU-b approved

Prerequisite: Journalism teacher's approval.

JOURNALISM 2 : MEDIA COURSE CP

Journalism 2 CP students manage every aspect of the newspaper's production including editorial content, page design, digital photography, digital production, sales and circulation. Section editors assign and copy-edit stories, optimize photographs with Photoshop, lay out their pages with InDesign, and prepare a digital copy of each issue for delivery to the off-site printer. Editors oversee Journalism 1 students to make sure circulation, advertising sales, and photography tasks are completed correctly and on deadline. Senior staff writers take on the most complex and controversial stories and share their experiences and perspectives with junior staff. Journalism 2 CP students set the tone and direction of the newspaper. Course credits will be applied as Elective credits.

Grade Level: 11th-12th

Course is UC/CSU-b approved

Prerequisite: Journalism teacher's approval.

ENGLISH

Graduation Requirement: 40 credits

Students are expected to be enrolled in an English course for each of their four years at Terra Nova High School.

ADVANCED JOURNALISM: EDITING, DESIGN & MANAGEMENT CP (YEARBOOK)

This course is a college preparatory course, combining the high-level critical thinking, reading and writing skills of print journalism with the artistic, creative and aesthetic skills of the visual and graphic arts. Students master the writing and editing of the most common forms of journalistic stories; read and analyze relevant literature through expository writing; learn and practice the basics of design and layout; analyze and evaluate images based on a set of given values; learn communication management, and evaluation skills for individuals and small teams; use of state-of-the-art word processing and design software; and demonstrate knowledge and understanding of ethical responsibilities and communications law. This course will sharpen students' thinking and expression, widen their experience with people and communication, provide an environment for self-directed learning and give them confidence in their ability to see their creative ideas to completion. Course credits will be applied as Elective credits.

Grade Level: 11th-12th

Course is UC/CSU-g approved

Prerequisites: "C" or higher in English 10; Teacher recommendation

MATHEMATICS

Graduation Requirement: 30 credits

COURSE 1 CP

Math Course 1 is an integrated curriculum modeled on the international math pathway and is the first course in the JUHSD's three year college prep math sequence. It is A-G approved and aligned to meet Common Core content standards and mathematical practices. Math Course 1 will primarily focus on five main topics: Number and Quantity, Algebra, Functions, Geometry, and Statistics with probability. In the Algebra units, instructional time will focus on (1) Seeing Structure in Expression, (2) Creating Equations, and (3) Reasoning with Equations and Inequalities. In the Functions units, this course will (1) Interpret Functions, (2) Build Functions, and (3) Compare and Contrast Linear, Quadratic, and Exponential Models. In the Geometry units, the focus will be on (1) Congruence and (2) Expressing Geometric Properties with Equations. In the Statistics and Probability units, the concentration will be on Interpreting Categorical and Quantitative Data.

Grade Level: 9th

Course is UC/CSU-c approved

COURSE 2 CP

Math Course 2 is an integrated curriculum modeled on the international math pathway and is the second course in the JUHSD's three year college prep math sequence. It is A-G approved and aligned to meet Common Core content standards and mathematical practices. Math Course 2 will primarily focus on three main topics: Quadratic functions and equations, Geometry and probability. In the quadratic units, instructional time will focus on (1) Modeling with quadratic functions and 2) solving quadratic equations. The geometry units will cover (1) coordinate geometry (2) Similarity and (3) geometric modeling. The probability unit will leave students with the ability to (1) describe events as subsets of a sample space (2) understand how two events A and B are independent, and (3) calculate conditional probabilities.

Grade Level: 9th-12th

Course is UC/CSU-c approved

COURSE 2 BRIDGE

This course is designed as a bridge between Course 1 and Course 2 to address content requirements needed to be successful in Course 2. The outcomes are similar to Course 1 with an emphasis on the underlying skills necessary access Course 1 skills and practices. This content may include working with properties of real numbers, solving and graphing linear equations, inequalities and systems of linear equations. Identifying and interpreting linear and non-linear functions. The Geometry units will focus on basic definitions and rigid motion, tools and construction, geometric relationships and properties. In the Statistics and Probability units students will represent data with plots on the real number line and understand mean, median, mode and standard deviation. Course 2 bridge is not A-G approved.

Grade Level: 10th-12th

MATHEMATICS

Graduation Requirement: 30 credits

COURSE 3 CP

Math Course 3 is an integrated curriculum modeled on the international math pathway and is the third course in the JUHSD's three year college prep math sequence. It is A-G approved and aligned to meet Common Core content standards and mathematical practices. Topics covered include exponential and trigonometric functions, probability and statistics etc. Students will continue to work with the 8 mathematical practices.

Grade Level: 10th-12th

Course is UC/CSU-c approved

COURSE 3 BRIDGE

The course is designed to address content requirements needed to be successful in Course 3.

Grade Level: 10th-12th

Course 3 Bridge is not UC/CSU A-G approved

STATISTICS CP

This course is an introduction to the study of probability and statistics with a focus in the analysis, interpretation and presentation of data. Students will study and understand the relationship of, and difference between correlation and causality. Mastery of this academic content will provide students with a solid foundation in statistical analysis and facility in processing statistical information.

Grade Level: 10th-12th

Course is UC/CSU-c approved

Prerequisites: Students must have earned a "D" or higher in Algebra II, Math Course 3 CP, or higher math course

TRIG/PRE-CALCULUS CP

Math Analysis with Trigonometry is designed to cover the trigonometric functions and their relationships by the circular approach and by the triangular approach. Students will also work with the exponential and logarithmic functions, sequences and series, vectors, parametrics and polar coordinates, and limits. This course serves as the prerequisite for AP Calculus.

Grade Level: 10th-12th

Course is UC/CSU-c approved

Prerequisites: Students must have earned a "C" or higher in Algebra II CP, or Math Course 3 CP

AP CALCULUS AB

This course is the equivalent to the first semester of a college-level calculus course. Topics include Asymptotic and unbounded behavior, continuity as a property of functions, The derivative at a point and as a function, second derivatives with applications, properties of definite integrals with applications to modeling physical, biological, or economic situations, techniques of anti-differentiation including applications and numerical approximations to definite integrals and finally the Fundamental Theorem of Calculus. Students who successfully complete the course and take the AP exam may receive credit for the first semester of college calculus.

Grade Level: 11th-12th

Course is UC/CSU-c approved

Prerequisites: Students must have earned a "C" or higher in Trig/Pre-Calculus CP

PHYSICAL EDUCATION

Graduation Requirement: 20 credits

PE 9

This course is a required program, which teaches the basic skills of several individual and team sports as well as aquatics. This course will emphasize cardiovascular fitness through many activities. A battery of health related physical fitness tests are given each year. The student should be able to develop a personal fitness plan.

Grade Level: 9th

PE 10

This course is a required program, which teaches the basic skills of several individual and team sports as well as aquatics. This course will emphasize cardiovascular fitness through many activities. A battery of health related physical fitness tests are given each year. The student should be able to develop a personal fitness plan.

Grade Level: 10th

PE 10: EMPHASIS DANCE

P.E. 10 Emphasis Dance is a course designed for all students with or without previous formal dance training. The course consists of a comprehensive introduction to dance as a form of fitness activity, group activity, and self-expression. Course assignments include basic concert, folk, social, and combat dance; study of dance history; group projects and presentations; written tests; performances; and physical fitness tests. Evaluation is based on participation, effort, performance, cooperation and creativity, as well as ability and projects.

Grade Level: 10th

PE 10: EMPHASIS ATHLETICS

Students may earn credit while preparing for interscholastic competition. PE-Athletics may be taken to satisfy your PE requirement. This course will include regular physical education activity days, exposing students to several individual and team sports as well as aquatics.

Grade Level: 10th

Prerequisite: Teacher recommendation

PE 11-12

This course is for students who have not yet completed their two-year PE requirement or those interested in continuing PE. They will do a variety of PE activities. Skill level will depend upon the make-up of the class.

Grade Level: 11th-12th

PHYSICAL EDUCATION

Graduation Requirement: 20 credits

ATHLETICS

Students may earn credit while preparing for interscholastic competition. PE-Athletics may be taken to satisfy the PE requirement. This course will include regular physical education activity days, exposing students to several individual and team sports as well as aquatics.

Grade Level: 10th-12th

BFS: BIGGER FASTER STRONGER CONDITIONING

BFS provides a physical conditioning format for the general PE student involving goal orientated weight training, flexibility, agility, nutrition, speed and power training. Students will have individually designed workouts that enhance and improve their general fitness.

Grade Level: 11th-12th

PE: DANCE 1 CP

In-depth course in dance, focusing on Ballet, Jazz, Modern, and Hip Hop, building upon foundation learned in P.E. 10 Emphasis Dance. Students will learn and practice techniques required to perform advanced skills in Ballet, Jazz, Modern, and Hip Hop. Course assignments will include advanced routines in the previously mentioned dance forms, group projects, and individual choreography for each dance form. Evaluation is based on participation, effort, performance, cooperation and creativity, as well as ability and projects.

Grade Level: 11th-12th

Course is UC/CSU-f approved

Prerequisite: P.E. 10 Emphasis Dance

PE: DANCE 2 CP

Rigorous course in dance, expanding on skills learned in Dance 1 and focusing on choreography and staging. Students will practice intermediate-advanced choreography and skills in concert dances, complete formal criticism, and will create a thematic body of original choreography. Course assignments will include skills tests, group projects, and individual work.

Grade Level: 12th

Course is UC/CSU-f approved

Prerequisite: Dance 1

SOCIAL SCIENCE

Graduation Requirement: 30 credits

Required Courses: World History, Culture & Geography, U.S. History, Economics, and American Government

WORLD GEOGRAPHY

One of the realities of the contemporary world is the increasing influence of other nations in the daily life of America's citizens. Geography is no longer merely a study of maps but includes history, government and economics. This course is designed to provide an understanding of the distribution and characteristics of the world's major cultures and the dynamics of human migration and cultural change. Following a unit on the basics of geography, the students will study pollution, deforestation and environmental destruction. Major regions studied may include the following: Latin America, Asia and Africa. The final 6 weeks of this course will cover the California Driver Education curriculum. Emphasis is also placed on learning and reviewing skills appropriate for any academic course. World Geography is a one semester course, paired with a semester of Health Education.

Grade Level: 9th

WORLD HISTORY, CULTURE & GEOGRAPHY CP

This course is a study of both ancient and modern world history, including the foundation of civilizations, belief systems, commerce, exploration, enlightenment, political revolutions, the industrial revolution, nationalism, imperialism through the world wars, the cold war, the quest of countries seeking independence, and changes in current global patterns. Students will learn to analyze primary sources, compare and contrast points of view, and write thematic and document based essays.

Grade Level: 10th

Course is UC/CSU- a approved

AP EUROPEAN HISTORY

This course is for students with an exceptional interest in history who desire a rigorous, college-level World History course. Major emphasis will be on the rise of democratic ideas in the western world and the evolution of modern western civilization through the 20th century. Goals for this course include the development of an understanding of the principle themes in modern world history, an ability to analyze historical documents, and extensive essay-writing. Students prepare for and are encouraged to take the AP European History Examination in May. Students who take the exam may receive college credit for the course. Please note that there is an assigned summer reading and writing assignment.

Grade Level: 10th

Course is UC/CSU-a approved

Prerequisite: Teacher recommendation

SOCIAL SCIENCE

Graduation Requirement: 30 credits

Required Courses: World History, Culture & Geography, U.S. History, Economics, and American Government

UNITED STATES HISTORY CP

The goal of this course is to provide students with a rich, balanced, and thought-provoking treatment of the American past. The first semester reviews the early settlement of America through the Civil War and covers the period of Reconstruction, Industrialization, the Progressive Era, the rise of America as a world power, and the nation's involvement in the First World War. The second semester focuses on the 1920's, the Great Depression, U.S. involvement in WWII and its consequences, including the Cold War, the Civil Rights Movement, and the 60's counterculture. The course ends with contemporary history and the challenges posed by the early 21st century.

Grade Level: 11th

Course is UC/CSU-a approved

AP UNITED STATES HISTORY

AP United States History is a chronological survey course covering the period from Colonial America to contemporary America. The AP program is designed to provide the student with the analytical skills and factual knowledge to deal critically with the problems and issues in U.S. History. The course prepares students for college courses by making demands equivalent to those made by a full year introductory college course. Students will learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarship. Students will also be prepared to take the AP U.S. History exam offered by the College Board in May. College credit may be earned depending on score and receiving college/university. Please note there is an assigned summer reading and writing assignment.

Grade Level: 11th

Course is UC/CSU-a approved

Prerequisites: World History, Culture & Geography teacher recommendation; application

AMERICAN GOVERNMENT CP

In this course, students apply knowledge gained in previous years of study to pursue a deeper understanding of the institutions of American Government. In addition, they draw on their studies of World and American History and Geography and other societies to compare differences and similarities in world governmental systems. This course is the culmination of history/social sciences classes to prepare students to solve society's 21st century problems, to understand and to participate in the governmental process, and to be responsible citizens of the United States and the world.

Grade Level: 12th

Course is UC/CSU-a approved

SOCIAL SCIENCE

Graduation Requirement: 30 credits

Required Courses: World History, Culture & Geography, U.S. History, Economics, and American Government

ECONOMICS CP

Economics is the study of how citizens and governing entities make decisions regarding how to best supply human needs with the reality of limited human resources. There is a focus on modern day economic issues (including an in-depth study of the origins of the “Great Recession”). The importance of personal financial awareness is covered and culminates in a personal budget project. Supply and demand are covered as well as the organization of business corporations and the stock market. The course also covers the difference between the U.S. and other economic systems around the world.

Grade Level: 12th

Course is UC/CSU-g approved

AP GOVERNMENT & POLITICS: UNITED STATES

This course involves general concepts of the U.S. Constitution. Emphasis is given to the relationship of the citizen to the structure and function of the American constitutional system. It also involves familiarity with the various institutions, groups, and beliefs that constitute U.S. politics. Students are encouraged to prepare for and take the AP Government Examination in May.

Grade Level: 12th

Course is UC/CSU-a approved

Prerequisites: U.S. History teacher recommendation; application

AP PSYCHOLOGY

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. The course is recommended to students who are willing to accept the challenge of a rigorous academic curriculum in Psychology. Passing the AP Psychology exam may result in college credit. Please note there is an assigned summer reading assignment.

Grade Level: 11th-12th

Course is UC/CSU-g approved

Prerequisites: Teacher recommendation; application

SOCIAL SCIENCE

Graduation Requirement: 30 credits

Required Courses: World History, Culture & Geography, U.S. History, Economics, and American Government

PSYCHOLOGY CP/SOCIOLOGY CP

Psychology is the study of human behavior and mental processes. Some of the topics covered in this course include: personality development, perception, intelligence, dreams, mental disorders, classical psychological experiments and various theories and therapeutic methods. This course utilizes a college Introduction to Psychology textbook and is a college preparatory elective. Psychology is a one semester course, paired with Sociology.

Sociology is the study of human behavior in group situations. Students explore the major themes in sociology: population, crime, Education, the importance of communities, social movements, social change and prospects for the future. Through the use of discussion, research, readings, and audio-visual presentations, students become more attentive observers of people, their needs, and the dynamics of group interaction. Sociology is a one semester course, paired with Psychology.

Grade Level: 11th-12th

Course is UC/CSU-g approved

SCIENCE

Graduation Requirement: 20 credits

Required Courses: One semester of Health; one year of Life Science; one year of Physical Science

HEALTH

The course is designed to develop concepts, attitudes, and skills that lead to effective decision-making regarding one's physical, mental, and social health. Students must earn a passing mark in this course to meet the district graduation requirement in health. Health Education is a one semester course, paired with World Geography.

Grade Level: 9th

BIOLOGY CP

Biology is a one-year course that offers students a comprehensive background in the following areas: cell biology, genetics, ecology, evolution, and physiology. Students will explore biological concepts through a variety of strategies which include laboratory work and other hands-on activities, discussion, projects, cooperative learning, note-taking, presentations and use of multimedia. There is also an opportunity to perform some biotechnology labs from the Gene Connection curriculum through a partnership with BABEC. Freshmen must take a placement test to be enrolled in Biology. Placement test is offered in Spring. Biology fulfills the one year Life Science requirement.

Grade Level: 9th-12th

Course is UC/CSU-d approved

CHEMISTRY CP

Chemistry is a one-year laboratory course that investigates the following themes: Atomic and Molecular Structure, Chemical bonds, Conservation of Matter and Stoichiometry, Gases, Acids and Bases, Solutions, Chemical Thermodynamics, Reaction Rates, Chemical Equilibrium, Organic Biochemistry, and Nuclear Processes. The course stresses mathematical relationships in the study of the above themes. Chemistry is especially recommended for those students interested in careers in science-related fields, engineering, health-related fields, law and the military academies.

Grade Level: 10th-12th

Course is UC/CSU-d approved

SCIENCE

Graduation Requirement: 20 credits

Required Courses: One semester of Health; one year of Life Science; one year of Physical Science

AP CHEMISTRY

This course is designed to be the equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, as freshmen, second-year work in the chemistry sequence at their institution or to register for courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and allows for other courses. This course provides a laboratory experience equivalent to that of a typical college course. Students who successfully complete AP Chemistry attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course contributes to the development of the students' abilities to think clearly and to express their ideas, orally and in groups.

Grade Level: 10th-12th

Course is UC/CSU-d approved

Prerequisites: Teacher recommendation; "C" or higher in Chemistry CP

PHYSICS CP

Physics is the study of the interaction between matter and energy. In this one-year course, students will explore the world around them by looking at how things work, why they do what they do and how physical ideas can be used to improve the quality of life. Laboratory experiments and other hands-on activities will be performed throughout each unit. The course requires students to use algebra, some geometry and some trigonometry to solve mathematical problems. However, it is also important that students be able to express physics concepts and their understanding of events using clear, concise and correct written and spoken language and then support these statements mathematically. Physics is a must course for students who are planning careers in such fields as engineering, architecture, radiography, astronomy or other physical science, or mathematics. It is also needed by the student who is contemplating entering the medical profession.

Grade Level: 10th-12th

Course is UC/CSU-d approved

Prerequisites: "C" or higher in Biology CP; "C" or higher in Algebra 2, Math Course 3 CP, or concurrent enrollment in Algebra 2 CP

SCIENCE

Graduation Requirement: 20 credits

Required Courses: One semester of Health; one year of Life Science; one year of Physical Science

PHYSIOLOGY CP

Physiology deals with how living things work and the interaction among cells, organs, and muscles. The focus of this one year course is human physiology, understanding the structure and function of different body systems. This course employs a variety of strategies including lecture, laboratory work, demonstrations, projects, group work, presentations and use of multimedia. Dissections are included (i.e. brain, eye, and heart) but are not mandatory. Physiology is highly recommended for students considering a career in medicine or any health-related field.

Grade Level: 11th-12th

Course is UC/CSU-d approved

Prerequisites: "C" or higher in Biology CP; "C" or higher in Chemistry

AP ENVIRONMENTAL SCIENCE

The goal of this one-year course is to provide students with the scientific principles, concepts, and methodologies to understand the interrelationships of the natural world. Students will also be able to identify and analyze environmental problems and to examine alternative solutions for resolving and/or preventing them. Environmental Science is a laboratory course that embraces a wide variety of topics from different areas of study. The following themes provide a foundation for the structure of the AP Environmental Science course.

- Science is a process
- Energy conversions underlie all ecological processes
- The Earth itself is one interconnected system
- Humans alter natural systems
- Environmental problems have a cultural and social context

Grade Level: 11th-12th

Course is UC/CSU-d approved

Prerequisites: Teacher recommendation; "C" or higher in both semesters of Biology CP, Chemistry CP, and Math Course 1 CP

WORLD LANGUAGES

Graduation Requirement: 10 credits of World Language **OR** Fine Arts

SPANISH 1 CP

This is an introductory course offered for enrichment and to satisfy language requirements for high school graduation. Students learn to express themselves on a wide range of topics dealing with everyday situations. The four skills of speaking, listening, reading and writing are stressed throughout the instruction as well as cultural understanding. Active participation is required. Most language production at this level is in the present tense and near future.

Grade Level: 9th-12th

Course is UC/CSU-e approved

Prerequisite: "C" in English

SPANISH 2 CP

This course is a complement to the first year course. Use of new vocabulary is combined with the ability of the students to express themselves in the present, past and near future. Students continue to actively participate on a daily basis. Culture is also emphasized, as well as writing and more complex sentence structure.

Grade Level: 9th-12th

Course is UC/CSU-e approved

Prerequisites: "C" or better in Spanish 1 CP; placement test

SPANISH 3 CP

This intermediate course is recommended for students applying to CSU and UC Colleges. The first two years of language study is consolidated and expanded with new vocabulary and grammatical structures. The concept of the subjunctive is introduced, with an emphasis on cultural understanding and comparison. Literature appropriate for the level is introduced. There is an emphasis on both oral and written skills.

Grade Level: 10th-12th

Course is UC/CSU-e approved

Prerequisite: "C" or higher in Spanish 2 CP

SPANISH 4 CP

This advanced level course is recommended for those who are applying to CSU and UC Colleges. Learning of the first three years of language study is consolidated and expanded with more abstract vocabulary and grammatical structures with an emphasis on cultural understanding and comparison. Literature study, as well as emphasis on both oral and written skills will be continued.

Grade Level: 11th-12th

Course is UC/CSU-e approved

Prerequisite: "C" or higher in Spanish 3 CP

FINE ARTS

Graduation Requirement: 10 credits of World Language **OR** Fine Arts

ART 1 CP

This course will provide an overview and exploration in visual arts, art history, and culture for beginning students. Students will produce works based on the elements and principles of design using a variety of techniques and practices including life drawing, color theory, 2D and 3D design, painting, and multimedia. Materials such as: pencil, colored pencil, pastels, watercolor, charcoal, ink, acrylic, marker, collage and clay sculpture will be introduced. Culture, art history, and art appreciation are infused in this curriculum. This course is designed for students with little or no art experience.

Grade Level: 9th-12th

Course is UC/CSU-f approved

Art 2 CP

Art 2 is a Visual Arts class where students refine their skills and knowledge of materials and concepts from Art 1 to explore painting, drawing, sculpture, printmaking, and mixed media in a deeper way. Media may include acrylic, silkscreen, graphic design, technology, textiles, pen & ink and pastels as well as more traditional materials such as graphite, technical pen, and acrylic paint. Students are expected to work with concepts of self, community, history, and social issues in self-expression in and outside of the classroom. This course is designed for students to be self-directed, visit museums, write papers and study famous artists and art trends.

Grade Level: 10th-12th

Course is UC/CSU-f approved

Prerequisite: "C" or higher in Art 1 CP

AP STUDIO ART: DRAWING

AP Studio Art is designed for students seriously interested in pursuing a career in art and design. Students submit portfolios at the end of the year for evaluation by the College Board to receive college credit. College level instruction and expectations for this course will include life drawing, portraiture, landscape in 2D or 3D design or drawing and clay sculpture. A body of work will be created and a concentration will be developed according to each student's strengths and interests. Critiques will occur on a weekly basis. Students prepare to take the AP Examination in May.

Grade Level: 10th-12th

Course is UC/CSU-f approved

Prerequisites: "B" or higher in Art 1 CP or Art 2 CP; Portfolio submission

FINE ARTS

Graduation Requirement: 10 credits of World Language **OR** Fine Arts

AP STUDIO ART: 2-D Design

AP Studio Art is designed for students seriously interested in pursuing a career in art and design. Students submit portfolios at the end of the year for evaluation by the College Board to receive college credit. Students will submit a portfolio each grading period consisting of 5-6 pieces addressing their breadth or concentration requirements for the AP Portfolio. Students will complete two museum reports, one each semester; and a written proposal for their concentration due at the end of the Fall Semester. Critiques will occur on a weekly basis. Students are expected to work on their portfolio pieces both in class and at home – as in a college course, one to two hours outside of class for every hour inside class. Students are encouraged to prepare for and take the AP Examination in May.

Grade Level: 10th-12th

Course is UC/CSU-f approved

Prerequisites: “B” or higher in Art 1 CP or Art 2 CP; Portfolio submission

CERAMICS 1 CP

This course will provide an overview in ceramic arts, art history and culture for beginning students. Students will produce works of art based on the elements and principles of design using the construction methods of pinching, coiling, slabs, and throwing on the potter’s wheel. Glaze methods and applications, and various decoration methods will also be explored. Culture, art history and art appreciation are infused into the curriculum. This is a course designed for students with no ceramic experience.

Grade Level: 9th-12th

Course is UC/CSU-f approved

CERAMICS 2 CP

This class is an in-depth exploration of ceramics and self- expression. Art movements, culture and history will be touched upon throughout the course. Students are expected to be intrinsically motivated and self-directed, willing to focus on developing their artistic direction.

Grade Level: 10th-12th

Course is UC/CSU-f approved

Prerequisite: “C” or better in Ceramics 1 CP

DRAMA CP

This performing arts course is intended for first year drama students and based on improvisational exercises, intended to teach students the basic elements of theater performance (a theory created by Viola Spolin). Students will use improvisation to gain confidence for performance-based assessments. Performances include monologue work from scripts and writing your own for performance, scene study, the one person show and elements of public speaking. Sound, lighting, set design, and play production are also included in the course.

Grade Level: 9th-12th

Course is UC/CSU-f approved

FINE ARTS

Graduation Requirement: 10 credits of World Language **OR** Fine Arts

THEATER PRODUCTION ARTS CP

Theater Production Arts is an introductory hands-on course covering all aspects of stagecraft and production for running a theater. The class represents a working crew that will design set, costumes, scenery, lights, sound, make-up, and props for Terra Nova productions. Students will practice safety as they work in teams, acquire basic skills, solve problems, and complete projects in a variety of disciplines. Students will work with Theater professionals, Photoshop, and power tools as we build, paint, advertise, draw, rehearse, manage, support, and strike set on all shows. Whatever the project, techies will get it done. Student can earn CTE credits once their Fine Arts credits have been satisfied.

Grade Level: 9th-12th

Course is UC/CSU-f approved

CONCERT BAND CP

This course involves a number of experiences with playing in an ensemble. Activities include marching and pep bands, concert bands, solo/ensemble, field show performances, and parade/band reviews. This course complies with the National Standards for Music Education. Please note that public performances are a requirement of this course.

Grade Level: 9th-12th

Course is UC/CSU-f approved

Prerequisite: Possession of musical instrument; one year of previous band experience is highly recommended

SYMPHONIC BAND CP

This course further develops many experiences explored in Concert Band. Advanced activities include marching and pep bands, concert bands, solo/ensemble, field show performances, parade/band reviews, as well as composing and advanced music theory. This course complies with the Advanced National Standards for Music Education. Please note that public performances are a requirement of this course. This course is offered Zero period (7:00a.m).

Grade Level: 9th-12th

Course is UC/CSU-f approved

Prerequisites: "C" or higher in a high school level band class; instrument requirements (please see teacher for more information)

FINE ARTS

Graduation Requirement: 10 credits of World Language **OR** Fine Arts

AP MUSIC THEORY

This course is designed for students who have had prior instruction in music and already have an understanding of how to read standard music notation. Music theory is a set of systems for analyzing, classifying, and composing music and the elements of music. Broadly, theory may be considered any statement, belief, or conception of music. We will concentrate on the theory of western music (Europe and America). Students will cover many topics, including those related to melody, harmony, texture, form, rhythm, and timbre. Students will also begin to compose their own music following the rules and norms studied during the course.

Grade Level: 10th-12th

Course is UC/CSU-f approved

Prerequisite: Teacher recommendation

VOCAL MUSIC 1 CP

This course is open to all students who are interested in singing in a group; students do not need any previous formal musical training or experience. Choir members will benefit from a variety of musical experiences and will explore different musical style including jazz, popular music, show tunes, the classics and many others.

Grade Level: 9th-12th

Course is UC/CSU-f approved

VOCAL MUSIC 2

This course is a continuation of Vocal Music for students interested in continuing to further develop their vocal music skills.

Grade Level: 10th-12th

Prerequisite: "C" or higher in Vocal Music 1 CP

CAREER TECHNICAL EDUCATION

Graduation Requirement: 10 credits of Career Technical Education

COMPUTER SCIENCE

EXPLORING COMPUTER SCIENCE CP

Exploring Computer Science is a yearlong course consisting of 6 units, approximately 6 weeks each. The course was developed around a framework of both computer science content and computational practice. Assignments and instruction are contextualized to be socially relevant and meaningful for diverse students. Units utilize a variety of tools/platforms, and culminate with final projects around the following topics:

- Human Computer Interaction
- Problem Solving
- Web Design
- Programming
- Computing and Data Analysis
- Robotics

Ethical and social issues in computing, and careers in computing, are woven throughout the six units. Throughout the course, is placed on how computing enables innovation in a variety of fields and the impacts that those innovations have on society. Computing is situated within economic, social and cultural contexts and, therefore, influences and is influenced by each of these. The proliferation of computers and networks raises a number of ethical issues. Technology has had both positive and negative impacts on human culture. Students will be able to identify ethical behavior and articulate both sides of ethical topics. Students study the responsibilities of software users and software developers with respect to intellectual property rights, software failures, and the piracy of software and other digital media. They are introduced to the concept of open-source software development and explore its implications. Students identify and describe careers in computing and careers that employ computing.

Grade Level: 9th-12th

Course is UC/CSU-g approved

CAREER TECHNICAL EDUCATION

Graduation Requirement: 10 credits of Career Technical Education

INDUSTRIAL ARTS

WOOD TECHNOLOGY 1

The names, uses and care of portable electric tools, hand woodworking tools, stationary power tools, (such as the table saw, planer, jointer, wood lathe and others) provide the foundation for this course. Career pathways will be explored in the construction trades.

Grade Levels: 9th-12th

WOOD TECHNOLOGY 2

The fundamentals of cabinet making, joinery and mass- production techniques will be studied and applied. Furniture making is fine-tuned. Safety, tools and equipment and joinery will be studied and practiced. Individual project design and building make up a portion of class activities. Further career planning will be done by individual students to include schools beyond graduation. The forming of a small business, mass-production, career planning and marketing concepts is a significant part of the Wood Technology curriculum.

Grade Level: 10th-12th

Prerequisite: "C" or higher in Wood Technology 1

ARTS, MEDIA & ENTERTAINMENT

JOURNALISM 1: MEDIA COURSE CP

Journalism 1 CP is a college-prep elective class whose primary purpose is the production of the Terra Nova Times in both Print and Web edition. Our school newspaper is not only an important vehicle of communication on our own campus, but is also a critical link to the larger community, so students should expect to cover a variety of events and write about a wide range of topics. Students will be involved all parts of producing the newspaper: writing, interviewing, taking photographs, doing layout, updating the web page/social media, and selling advertising, along with looking at other print media for layout/story ideas. Students will also learn to use Adobe Photoshop and Adobe InDesign software. Course credits will be applied as CTE or elective credits. Course does not satisfy English requirements.

Grade Level: 11th-12th

Course is UC/CSU-b approved

Prerequisite: Written assignment; Teacher recommendation

CAREER TECHNICAL EDUCATION

Graduation Requirement: 10 credits of Career Technical Education

JOURNALISM 2 : MEDIA COURSE CP

Journalism 2 CP students manage every aspect of the newspaper's production including editorial content, page design, digital photography, digital production, sales and circulation. Section editors assign and copy-edit stories, optimize photographs with Photoshop, lay out their pages with InDesign, and prepare a digital copy of each issue for delivery to the off-site printer. Editors oversee Journalism 1 students to make sure circulation, advertising sales, and photography tasks are completed correctly and on deadline. Senior staff writers take on the most complex and controversial stories and share their experiences and perspectives with junior staff. Journalism 2 CP students set the tone and direction of the newspaper. Course credits will be applied as CTE or elective credits. Course does not satisfy English credits.

Grade Level: 11th-12th

Course is UC/CSU-b approved

Prerequisite: Teacher recommendation

DRAMA CP

This performing arts course is intended for first year drama students and based on improvisational exercises, intended to teach students the basic elements of theater performance (a theory created by Viola Spolin). Students will use improvisation to gain confidence for performance-based assessments. Performances include monologue work from scripts and writing your own for performance, scene study, the one person show and elements of public speaking. Sound, lighting, set design, and play production are also included in the course. Course credits will be applied as CTE or Fine Arts credits.

Grade Level: 9th-12th

Course is UC/CSU-f approved

THEATER PRODUCTION ARTS CP

Theater Production Arts is an introductory hands-on course covering all aspects of stagecraft and production for running a theater. The class represents a working crew that will design set, costumes, scenery, lights, sound, make-up, and props for Terra Nova productions. Students will practice safety as they work in teams, acquire basic skills, solve problems, and complete projects in a variety of disciplines. Students will work with Theater professionals, Photoshop, and power tools as we build, paint, advertise, draw, rehearse, manage, support, and strike set on all shows. Whatever the project, techies will get it done. Course credits will be applied as CTE or Fine Arts credits.

Grade Level: 9th-12th

Course is UC/CSU-f approved

SPECIAL EDUCATION

The Special Education department serves individuals with exceptional needs, as identified through comprehensive assessment. The program and academic classes are designed to meet the unique needs of each student. Educational Specialists teach a variety of classes while helping students progress toward academic goals as outlined in Individualized Education Plans (IEPs). Small class size, direct instruction, and one-to-one learning are hallmarks of the program.

LANGUAGE ARTS SEMINAR 1

In this course we are using the district mandated Edge Curriculum. EDGE is a core reading intervention program designed for students reading below grade level. It prepares students for success on exit exams and moves them to graduation. The emphasis is on enabling oral and academic English Language Development. It focuses on vocabulary and reading strategies. Students are placed in different levels based on initial scores for the placement test. Fundamental Level is based on reading scores for Grade 1-3.

LANGUAGE ARTS SEMINAR 2

In this course we are using the district mandated Edge Curriculum. EDGE is a core reading intervention program designed for students reading below grade level. It prepares students for success on exit exams and moves them to graduation. Level A is the next level after the basic Fundamentals Levels. Students are placed in different levels based on initial scores for the placement test. Level A is based on reading scores for Grades 3-5.

LANGUAGE ARTS SEMINAR 3

In this course we are using the district mandated Edge Curriculum. EDGE is a core reading intervention program designed for students reading below grade level. It prepares students for success on exit exams and moves them to graduation. The emphasis is on enabling oral and academic English Language Development. It focuses on vocabulary and reading strategies. Students are placed in different levels based on initial scores for the placement test. Fundamental Level B is based on reading scores for Grade 6-8.

LANGUAGE ARTS SEMINAR 4

In this course we are using the district mandated Edge Curriculum. EDGE is a core reading intervention program designed for students reading below grade level. It prepares students for success on exit exams and moves them to graduation. Level A is the next level after the basic Fundamentals Levels. Students are placed in different levels based on initial scores for the placement test. Level C is based on reading scores for Grades 9.

SPECIAL EDUCATION

PRE-ALGEBRA 2

This course reviews the California Content Standards for Mathematics-Pre Algebra. The students work towards mastery of the fundamental of the four arithmetic operations using whole numbers, positive and negative decimals and integers, percentages and fractions. Students understand the concepts of statistics and probability, mean, median, and mode and how to calculate range. Students are exposed to the basics of Geometry, Measurement, and solving simple linear equations, and how to graph their results. Students will receive support in math vocabulary and concepts using a variety of methods and will prepare for the California High School Exit Examination. This course is provided for Special Education students who have Grade Equivalent scores of Grades 5-7.

MATH COURSE 1

Supported Math Course 1 is designated for special education students with an IEP, who require explicit instruction and support in math. Students are exposed to concepts that are aligned with the common core math standards, and each lesson emphasizes one or more of the 8 mathematical practices; make sense of problems and persevere in solving them, reason abstractly and quantitatively, construct viable arguments and critique the reasoning of others, model with mathematics, use appropriate tools strategically, attend to precision, look for and make use of structure, and look for and express regularity in repeated reasoning.

MATH COURSE 1 BRIDGE

A preparation class to help the student develop understanding of mathematical concepts through manipulative-based lessons, language development, and problem solving. This course and text in unison provides the tools and helps underprepared students to build information and develop strategies that they can use in solving problems in Number Sense; Statistics; Geometry, Algebra and more.

LIFE SCIENCE

This is a life science class covering general science principles focusing on the area of biology, human anatomy, and physiology.

PHYSICAL SCIENCE

This is a physical science class covering general science principals of earth science, chemistry, and physics.

HEALTH

This course is designed to inform students to make healthy choices and develop skills for healthy living. The topics which will be covered include: Skeletal, Muscular, Nervous, Endocrine, Circulatory, Immune, and Respiratory Systems; Disease and Disorders; Safety and Injury Prevention; Nutrition and Fitness; Mental and Emotional Health; Drug and Medicines;. Growth, Development, and Sex Ed; Healthy Relationships; and Personal Hygiene.

SPECIAL EDUCATION

SOCIAL SKILLS

Students will be focusing on curriculum that focuses on predicting the intentions and actions of others, understanding nonverbal cues/body language and hidden social rules, learning perspective taking, and being able to clearly share feelings and intentions with others.

STUDY SKILLS

The purpose of this course is to assist the RSP student with class assignments from core classes. Students develop organizational skills such as note taking, planning, research, and essay writing, as well as practice skills. No homework is assigned in this class. Students are expected to bring work from their classes to gain help from the instructor.

TUTORIAL

The content of this elective course is designed to support students with their general education course work. Students are provided with direct, individualized support in a variety of content areas. Support emphasizes planning, time management, and use of resources, while providing the students with a sheltered setting in which to complete daily, weekly, and semester-long tasks.

WORLD HISTORY CULTURE & GEOGRAPHY

This course covers the California Content Standards for High School World History. This course focuses on a fundamental understanding of World History. Students are presented with a chronological approach to the major themes of world history from prehistory to modern times. This course utilizes the PACEMAKER World History text which is written at a fourth grade reading level.

UNITED STATES HISTORY

This course covers the California Content Standards for Eleventh Grade United States History and Geography. This course covers the fundamental principles of the rise of industrialization, immigration, urban migration, the rise of the US as a world power in the 20th century, the Roaring 20's, Great Depression, participation in WWI, and WWII, post-WWII foreign policy, and the development of federal civil rights and voting rights.

SPECIAL EDUCATION

AMERICAN GOVERNMENT

This course covers the California Content Standards for Twelfth Grade Government. This course will cover the fundamental principles and moral values of American Democracy, the rights and obligations of democratic citizens, the roles and responsibilities of the three branches of the United States Government, landmark U.S. Supreme Court interpretations of the Constitution and its amendments, the varying levels of responsibilities in the varying levels of government, and the different political systems across time. This course will provide a basic knowledge of American Government and Democracy.

ECONOMICS

This course covers the California Content Standards for Twelfth Grade Economics. This course will cover common economic terms, concepts, and economic reasoning, the elements of America's market economy in a global setting, and the influence of the federal government on the American economy. This course will provide a basic knowledge of the principles of economics.

ADDITIONAL OFFERINGS

LEADERSHIP

This course is required for all ASB Officers, Class Presidents, and Vice Presidents in addition to students who are interested and have actively participated in school activities. Students will develop and use leadership and communication skills to be used toward weekly Officer's Meeting and Class Meetings. Each student will be required to complete 25 hours of community service, complete a group project, learn and be tested on Robert's Rules of Order and participate in all Leadership and ASB events (some on weekends). All students will be required to keep a binder with a daily log of current and completed work and be graded on attendance, participation, quality of work, community service presentation, and job completion. Officers will be held to the Terra Nova ASB Constitution which clearly outlines all duties. **This course is offered during zero period (7:00am)**

Grade Level: 9th-12th

Prerequisites: 2.0 GPA and Teacher recommendation

PEER ASSISTANCE

The Peer Helper curriculum is designed to teach students the skills necessary to help other students who are struggling with challenging issues in their lives. Students will become proficient in conflict mediation, peer listening, peer education and mentoring. There will also be education on issues such as anger management, drug/alcohol issues, grief/loss and child abuse. Upon completion of learned skills, the students will demonstrate their competencies by working with students within our school community.

Grade Level: 11th-12th

Prerequisite: Teacher recommendation; Interview