



**Go Bobcats!**

# **SAGE CREEK HIGH SCHOOL**

2024-2025 Course Catalog

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**A warm welcome to the Sage Creek High School community!** Since opening in 2013, Sage Creek has provided innovative and engaging STEM (*Science, Technology, Engineering and Mathematics*) focused academic opportunities in complement to a comprehensive high school program. Our robust academic program and diverse course offerings were created to maximize your student's investigation of options, preparation for post-secondary education and planning for a lifetime of learning and pursuit of aspirations.

Within the core academic subjects, students have access to college preparatory, honors and Advanced Placement (AP) courses. In addition, students can select courses from *Project Lead the Way* course sequences in Engineering and Biomedical Sciences as well as in career and technical education, physical education and other non-departmental electives. Students are encouraged to investigate their interests beyond the classroom by participating in the community through Sage Creek athletics, extracurricular clubs hosted on campus, school sponsored programs such as ASB, National Honors Society, Link Crew, Theater, Dance, internships, and community service.

## Academic Planning and 4 –Year Educational Plan

Creating success in high school and preparedness for college and career opportunities requires thoughtful planning and regular monitoring of a student's progress. Students and parents should familiarize themselves with and then use the information in this academic planning guide to develop a student's four-year plan.

It is important that students thoughtfully select courses each year. Review the course descriptions, paying particular attention to course prerequisites, before finalizing course requests. When seeking additional academic challenges, students should strive for an appropriate **balance** between their academic responsibilities in **all** courses, extracurricular activities, and family and social life.

Students may only **request** courses. Students must include alternate course requests for elective choices in the event their first selections are full or are not able to be offered.

All Sage Creek High School students are enrolled in five (5) classes each trimester. Students earn five credits per course at the end of the trimester term per successfully completed course. Therefore, students can complete a traditional year-long course (e.g. English, Science, Math) in two academic terms (2 trimesters) and have the opportunity to take additional coursework in their schedules. Students can earn up to seventy-five (75) credits per academic year and potentially well exceed the CUSD graduation requirement of 230 credits during their attendance.

Due to the extensive credit opportunities associated with our trimester program students may enroll in one "Off-Roll" course (non-credit bearing) per trimester during 1<sup>st</sup> or 5<sup>th</sup> period. Senior level students who are on track to graduate may enroll in an additional Off-Roll for one term, therefore having four (4) Off Roll courses in an academic year.

The course selections of all students each spring determine the master schedule of courses for the following school year. Course changes after the master schedule is completed will be extremely limited.

## **Honors and Advanced Placement (AP) Courses**

Sage Creek High School offers a variety of AP courses approved by College Board. AP offerings are yearlong, rigorous college level courses. In May, at the conclusion of each AP course, students take a comprehensive examination. By earning a passing score (3, 4, or 5) on the exam, students may receive college units for each test passed. All grades "C" or higher in AP courses are weighted. (See College Board website for more information, [www.collegeboard.org](http://www.collegeboard.org).)

Honors courses in English, Mathematics, Science, and World Language prepare students for future AP courses. To review the Honors courses that receive weighted grades per the UC/CSU college system please see the subject area course descriptions.

Students seeking to enroll in Honors or AP courses should read the course descriptions and prerequisites, talk with their current teachers (in those subjects), school counselor, and parents before making their decision. Successful Honors and AP students possess high-level academic skills, a strong motivation to achieve, and a disciplined work ethic. Freshmen are recommended for Honors classes based on a variety of criteria. Please review the prerequisites under the course descriptions for all Honors and AP Courses. There is a waiver process for those students who do not meet the prerequisite and wish to enroll in honors courses in English and Mathematics. Students and parents may sign a Waiver Form, which is available on the Counseling tab on the school website. Please consider carefully and discuss with your current teacher.

## **Community College Coursework: Articulation and Dual Enrollment**

The Career Technical Education (CTE) Transitions program identifies high school courses comparable to local community college courses and creates articulation agreements between them. These agreements allow a student who receives a "B" or better in an articulated course at their high school to earn college credit without paying any tuition or fees. Students must complete a community college application and petition for college credit form; necessary for receiving their college credit. Credit is applied to the students' community college transcript one semester after finishing the high school course.

### **Dual Enrollment**

Sage Creek High School hosts Mira Costa Community College course(s) on campus during the academic day as a means to give students access to college coursework and staff at their home campus. Availability of courses depends on enrollment and staffing. Dual enrollment courses offered at Sage Creek High School will be listed on course request forms.

## Articulated Courses Offered at SCHS

SCHS Course Name	College	College Course Number	College Course Name	Receive College Credit by:
Architectural Design A & B	MiraCosta College	DESN 100	Fundamentals of Design	<ul style="list-style-type: none"> <li>- Register at MCC and have a Surf ID number (done in class with SCHS teacher)</li> <li>- complete both Architectural Design A &amp; B at SCHS</li> <li>- earn a grade of "B" or better</li> </ul>
Digital Photography 1 A & B	MiraCosta College	ART 251	Digital Photography	<ul style="list-style-type: none"> <li>- Register at MCC and have a Surf ID number (done in class with SCHS teacher)</li> <li>- complete both Photo 1A &amp; 1B at SCHS</li> <li>- earn a grade of "B" or better</li> <li><i>*students have 3 yrs to request a transcript from MCC in order to receive their earned credit for the class</i></li> </ul>
Advanced Computer Programming A & B	MiraCosta College	CS 111	Intro to Computer Science I: Java	<ul style="list-style-type: none"> <li>- Register at MCC and have a Surf ID number (done in class with SCHS teacher)</li> <li>- be enrolled in both the A &amp; B section of course at SCHS</li> <li>- receive a "B" or better grade in final exam both trimesters</li> </ul>
PLTW Computer Science Principles A & B	Mira Costa College	CS 101	Introduction to Computer Science Principles	<ul style="list-style-type: none"> <li>-Register at MCC and have a Surf ID number (done in class with SCHS teacher)</li> <li>-be enrolled in both the A &amp; B section of course at SCHS</li> <li>-earn a "B" or better grade and a "B" or better on final exam</li> </ul>
PLTW Human Body Systems A & B	Mira Costa College	NURS 151	Body Systems Survey for Health Professions	<ul style="list-style-type: none"> <li>-Register at MCC and have a Surf ID number (done in class with SCHS teacher)</li> <li>-be enrolled in both the A &amp; B section of course at SCHS</li> <li>-earn a "B" or better grade and a "B" or better on final exam</li> </ul>
PLTW Medical Interventions A & B	San Diego Miramar College	BIOL 131	Introduction to Biotechnology	<ul style="list-style-type: none"> <li>- Exam Method:</li> <li>- Completion of high school course and final exam administered by college faculty with a grade of "B" (80%) or better. <i>*Exam administered at high school by College Instructor</i></li> </ul>

## Off-Campus or Community College Courses

Students who want to complete a high school or community college course to make up for a poor grade or for additional credits outside of SCHS and have the course placed on their SCHS transcript must submit an Off Campus Course Request Form to their school counselor for pre-approval. Off Campus Course Request forms are available on the SCHS website under Counseling Resources.

Students that want to take a community college course need to:

1. Complete the off campus course request form
2. Apply for admission online directly to the community college
3. Submit a community college Concurrent Enrollment Permit signed by their SCHS counselor
4. Take the English or math placement test, if required
5. Bring proof of their course enrollment to their SCHS counselor

To have the community college course added to their SCHS transcript, students must have an official transcript sent directly to the SCHS Registrar. 1.5 to 2.0 college units is equal to 5 non-weighted CUSD credits and 3.0 to 4.0 college units equal 10 non-weighted CUSD credits.

Please note: no more than the equivalent of 40 CHS credits taken as new, first-time credit off-campus or at the community college can be transferred to meet the 230 total credits required for CUSD graduation.

## Course Changes

**Parent and student-initiated** schedule change requests will not be accepted after the first two weeks of trimesters 1 and 2. No schedule changes will not be accepted trimester 3.

Through School Registration Days and the first two weeks of school, school counselors work with students to make necessary course schedule changes for the following reasons **only**:

1. Student does not meet the course prerequisites.
2. Student completed an approved summer school course.
3. Student has an incomplete schedule.
4. A period conflict between two or more courses prevents completion of a full schedule (for example, two courses both meet only during period 2).

Based on the complexity of the Master Schedule, budget constraints, and changes in student enrollment, it may be necessary for Sage Creek High School Administration to open or close sections of the master schedule which results in changes to student schedules and course offerings. Because the majority of SCHS offerings are yearlong courses, mid trimester course and schedule changes generally are not made.

### **Schedule Change Periods for Qualifying Changes**

<b>1st Trimester Change Period:</b>	Aug 21, 2024 to Sept. 4, 2024
<b>2nd Trimester Change Period:</b>	Dec 2, 2024 to Dec 13, 2024
<b>3rd Trimester Change Period:</b>	<i>No schedule changes accepted</i>

**Teacher-initiated** course changes can be made within the **first two weeks of trimester 1 and 2**. The reasons a teacher will initiate a course change are:

1. The student does not possess the knowledge or skills required to succeed, or
2. The student lacks the necessary prerequisites for the course.

### **Withdrawal/Fail Policy**

Students who withdraw from a course after the first two weeks of a trimester must submit a completed *Withdrawal/Fail Form* to their counselor. The course and a withdrawal/fail “WF” grade, which functions like a failing “F” grade, are recorded on the student’s transcript and remain part of the student’s cumulative academic record.

This failing grade is computed in the GPA unless the student repeats the exact course at a later date and earns a higher passing grade. Then only the higher grade is included in the GPA calculation for this course.

## **GRADUATION REQUIREMENTS**

The Carlsbad Unified School District Board of Trustees authorizes the granting of a high school diploma to any pupil who has completed all graduation requirements before the date of graduation. A student must earn 230 credits in order to graduate from Sage Creek High School. Each course is worth five credits per trimester. The graduation requirements include:

- Achieving a total grade point average of 1.5 or higher on a 4.0 scale
- Completing 20 hours of community service
- Completing the Courses Required for Graduation during grades 9 through 12 as listed on page 11.

A transcript is a student’s official high school academic record containing courses taken, trimester grades, credits earned, grade point averages and other relevant information. Students can learn how to access and read their high school transcript through features on the Sage Creek Counseling web page.

### **Fulfilling the Graduation Requirements Early (Early Graduation)**

Sage Creek students who complete all following Carlsbad Unified graduation requirements by the end of their junior year (June), the first trimester of senior year (November), or the second trimester of senior year (March) may be eligible to finish their attendance at Sage Creek early to pursue full-time work experience or community college enrollment. \*Students planning to fulfill the graduation requirements early must meet with their assigned counselor at least 2 academic terms before the planned “graduation” timeline to confirm their plan.

## Carlsbad Unified Graduation Requirements

- 1) minimum of 230 credits in required courses; refer to course-specific requirements on pages 9 & 12 (Course Catalog)
- 2) maintain a GPA of at least 1.50
- 3) complete 20 hours of community service

In addition to fulfilling the graduation requirements, students must also complete the following steps by the end of the term in which they are graduating early and to be eligible to participate in the commencement ceremony hosted in June.

- (1) Senior Checkout process with the Sage Creek Registrar
- (2) Counseling Alumni Survey (on Naviance)

Upon completing the required processes above, the Sage Creek Counselor will prepare a formal early graduation confirmation letter that will act as an official authorization of graduation (requirements) completion status to fulfill California high school compulsory attendance requirements.

Early graduates are entitled to participate in the graduation ceremony and associated senior class activities (e.g., Prom, Grad Night); however, they are responsible for following up with the Senior Class Advisor (webpage) to review event information and participation requirements. Moreover, early graduates are encouraged to continue to connect periodically with their assigned high school counselor as a means to support their post-secondary education (college) planning and application needs.

## COLLEGE ADMISSION REQUIREMENTS

Students planning to go directly to a four-year college or university must meet that institution's admission requirements. Subject admission requirements for the University of California and the California State University systems are known as the "a-g requirements" and are outlined on the University of California Office of Prospective Admissions (UCOP) website, <http://www.ucop.edu/agguide/a-g-requirements/>.

For a detailed Sage Creek High School "a-g" approved course listing please navigate to <https://hs-articulation.ucop.edu/agcourselist#/list/search/institution> and enter Sage Creek High School in the search bar.

CUSD has adopted the "a-g" requirements as part of our high school graduation requirements. Specific SCHS courses that satisfy "a-g" requirements are listed by subject area throughout the course catalog. Students interested in out-of-state public and private colleges and universities should contact those schools early in their high school career to ensure they are taking the necessary courses.

Please note that students must pass with a grade of "C" or better any courses taken in fulfillment of college admission requirements. Although "D" grades are considered passing for purposes of graduation, they are NOT considered passing by colleges and universities.

*Naviance* is a comprehensive, internet-based, college and career readiness tool. Through *Naviance*, students can build an electronic portfolio that includes career exploration and planning, college planning (including four-year and two-year colleges, as well as technical/trade schools), and high school course planning. For students interested in attending a four-year college, *Naviance* serves as an organizational and management system for the college application process, from searching for colleges to requesting letters of recommendation to tracking applications. *Naviance* also contains links about SAT and ACT test prep, scholarships, and financial aid. Parents and guardians can use *Naviance* to review and discuss their student's college and career readiness portfolio.

In addition to *Naviance*, on the SCHS website, under the Counseling tab lists more resources related to college search, financial aid, scholarships and SAT and ACT testing and preparation. Also, the websites of specific colleges and universities, community colleges, and technical/trade schools contain important information.

## COMMUNITY COLLEGE ADMISSION REQUIREMENTS

Local community colleges host myriad low-cost opportunities for students to pursue their post-secondary education at home in a smaller setting. We strongly encourage students to consider the positive experience of staying in the “community” for their first few years of college to ensure their continued success. Admission to community college requires any one of these:

- 1) a high school diploma or equivalency, e.g. CHSPE, GED, for students under the age of 17
- 2) a person 18 years of age or older
- 3) “concurrently enrolled” high school students

Applications to Mira Costa College ([www.miracosta.edu](http://www.miracosta.edu)), Palomar College ([www.palomar.edu](http://www.palomar.edu)) and other community colleges are available online. There is no application fee. SAT or ACT testing is not required for admission. While in high school, students should prepare for community college by completing the “a-g” subject requirements of the UCs and CSUs.

For students planning to transfer to a four-year college, community colleges offer a full range of lower-division general education courses and counselors who will help students develop their transfer educational plans. All community college transfer students can take advantage of having priority admission to the UCs and CSUs over other transfer students and transfer agreement guarantee (TAG) programs with the UCs. Additionally, most community colleges host honors and special programs to support students' personalization of their college experience and to ensure their success.

Community colleges also have career and technical programs that provide students with entry-level and advanced job skills that can lead to well-paying jobs. Students who successfully complete these programs earn a Certificate of Achievement and may apply their course units towards an associate degree.

## Courses Required for CUSD Graduation and University Admission

Subjects	CUSD / Sage Creek H.S.	University of California	California State University
<b>a. History/Social Science</b>	<b>3 years</b> , including one year of World History, one year of US History and one year of Government/Economics. <b>30 credits</b> (6 trimesters).	2 years of History/Social Science, including one year of U.S. History or one-half year of U.S. History and one-half year of US Government; and one year of World History, Cultures, and Geography.	2 years, including one year of U.S. History or U.S. History and US Government and one year of other approved Social Science course.
<b>b. English</b>	<b>4 years</b> of English. <b>40 credits</b> (8 trimesters).	4 years of approved courses.	4 years of approved courses.
<b>c. Mathematics</b>	<b>3 years</b> , including Algebra 1, Geometry and Algebra 2. <b>30 credits</b> (6 trimesters).	3 years, including Algebra I, Geometry, and Algebra II. Four years recommended.	3 years, including Algebra I, Geometry, and Algebra II. Four years recommended.
<b>d. Laboratory Science</b>	<b>2 years</b> of a science, including one year of life and one year of physical science. <b>20 credits</b> (4 trimesters).	2 years of approved Lab Science courses required, chosen from Biology, Chemistry, and Physics. Three years recommended.	2 years required, including one year of life and one year of physical science with lab.
<b>e. Language other than English</b>	<b>2 years</b> in same World Language required. <b>20 credits</b> (4 trimesters).	2 years in same language required. Three years recommended.	2 years in same language required.
<b>f. Visual and Performing Arts</b>	<b>1 year</b> of approved Visual and Performing Arts courses chosen from the following: Dance, Drama, Music, or Visual Art. <b>10 credits</b> (2 trimesters).	1 year of approved Visual and Performing Arts courses chosen from the following: Dance, Drama, Music, or Visual Art.	1 year of approved Visual and Performing Arts courses chosen from the following: Dance, Drama, Band, or Visual Art.
<b>g. College Preparatory Elective **</b>	<b>1 year</b> of approved Elective courses from the above a. – f. categories plus others from any area of study. <b>60-80 credits</b> (12-16 trimesters).	1 year of approved Elective courses from any of the following areas: a. History/SS b. English c. Advanced Math d. Lab Science e. Foreign Language f. Fine Arts (VAPA).	1 year of approved Elective courses from any of the following areas: a. History/SS b. English c. Advanced Math d. Lab Science e. Foreign Language f. Fine Arts (VAPA).
<b>Physical Education</b>	<b>2 years (20 credits) of PE required.</b>	-----	-----
<b>TOTAL</b>	230 credits. 20 Hours of Community Service.	15 units (At least 7 must be taken in 11th & 12th grade). 1 unit = a 2 trimester SCHS course.	15 units. 1 unit = a 2 trimester SCHS course.

**\*\*Any course which exceeds specific subject area requirements counts as elective credit**

# INTRODUCTION TO COURSE DESCRIPTIONS

Please use the information on this page to guide your reading of the course descriptions on the following pages.

- All courses are trimester long.
- The “A,” “B” and “C” in a course title stand for the first, second and third trimesters of a course. One-trimester courses do not include these letters.
- Two-trimester courses (“A” and “B”) are equivalent to a one year course.
- Students earn 5 credits by passing a trimester course with a “D” grade or better.

## Grading Scale

Grade points for college prep or other classes

A=4, B=3, C=2, D=1, F=0

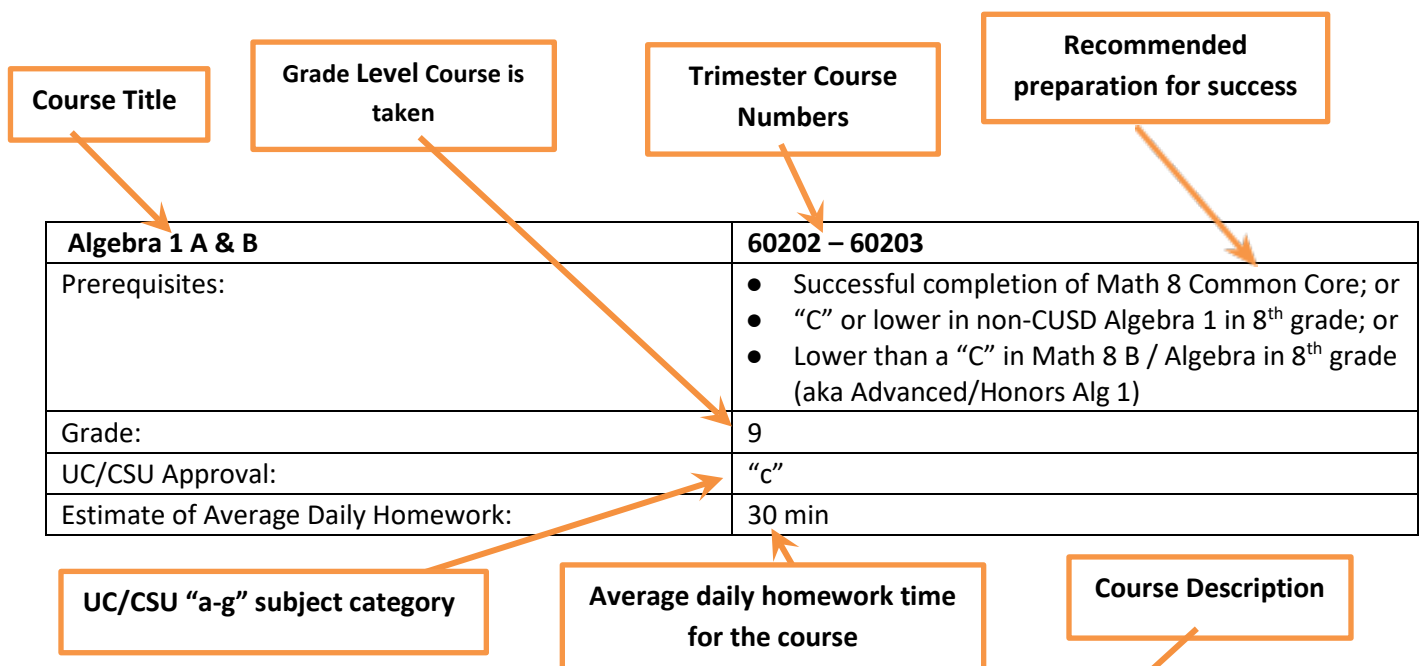
Grade points for weighted classes (All AP and a few Honors courses)

A=5, B=4, C=3, D=1, F=0

The A and B portion of AP classes are weighted; the required Seminar portion is not weighted.

## Course Codes on the Transcript

- \* Non-academic course (not in academic GPA)
- p College prep course
- + Weighted (Honors or AP) course
- # Course may be repeated for elective credits
- H Honors course
- AP Advanced Placement course



In this important foundational course of the **college preparatory**, three-course sequence, students develop an understanding of how the symbolic language of mathematics can be used as a tool to understand numeric relationships. The course content includes the creation and solving of equations and inequalities; building and interpreting linear, polynomial, rational, and exponential functions; reasoning with systems of equations; and analyzing graphs.

## Career/Technical Education (CTE)

<b>Business Environment</b>	<b>61033 - 61034 - 61035</b>
Prerequisites:	Working minimum of 10 hours per week
Grade:	11 - 12
UC/CSU Approval:	"g"
Estimate of Average Daily Homework:	none

Business Environment is open to students 16 years of age or older who are working at least ten hours per week and are being supervised on the job. Students may qualify for general or vocational work experience. Business Environment provides an opportunity for students to sample systematically and observe a variety of conditions of work that will contribute to their career guidance and development. Emphasis is placed on the recognition of the relevancy of the school curriculum in meeting career requirements, self-development, self-evaluation, and human relations. Related instruction is required for general work experience.

No more than a total of 20 credits of Library Aide, Student Services, Teacher Aide, Academic Tutor or Business Environment can be taken for elective credit.

Pass/Fail grade only, excluded from GPA.

<b>Digital Photography 1 A &amp; B</b>	<b>60512 - 60513</b>
Prerequisites:	None
Grade:	9 - 12
UC/CSU Approval:	"f"
Estimate of Average Daily Homework:	30 min

Digital Photography 1 A & B is articulated with MiraCosta College's Art 251 Digital Photography. Students can earn 3 units from MiraCosta College if they earn a B or higher on both their final exam/project and in the course. In addition, students must submit a MiraCosta College application and in-class support is provided for this step.

Learn how to capture more visually compelling images and make the most of digital photographic technology. Beginning photographers will develop a solid foundation in photography, learning to use their camera as a tool to manipulate depth of field, motion and apply basic design and composition rules. Students will receive an introduction to Adobe Lightroom, learning how to improve exposure, correct color balance, and image sizing in post-processing. In addition, students will learn skills in Adobe Photoshop such as using layer masks, blending modes, etc., leading up to more intermediate editing techniques. Instruction, which is based on the California State Standards for the Visual Arts and CTE Arts, Media, and Entertainment, includes weekly shooting assignments, demonstrations, discussions, reflections and critiques. This course may be used for UC fine arts credit or as an elective.

<b>Digital Photography 2 A &amp; B</b>	<b>60514 - 60515</b>
Prerequisites:	Digital Photography 1 or portfolio audition
Grade:	10 - 12
UC/CSU Approval:	"f"
Estimate of Average Daily Homework:	30 min

Building on the skills learned in Digital Photo 1, students will strengthen technical abilities and further develop individual photographic style. It offers a continued study of photographic theory, composition, content development, digital camera/hardware handling, studio lighting, and industry standards for color management and printing techniques. Students explore photography as a visual language and expressive medium, and they observe industry practices through onsite visits to local business, galleries, and service bureaus. The course culminates with the creation and production of a professional portfolio of photographs. Instruction is based on the California State Standards for the Visual Arts and CTE Arts, Media and Entertainment, includes weekly shooting assignments, demonstrations, discussions and class critiques.

<b>Advanced Computer Programming A &amp; B</b>	<b>61153 - 61154</b>
Prerequisites:	Successful completion of year long Algebra 2 course <b>AND</b> year long Introduction to Computer Science course with a "B" or better in both courses, or Teacher Recommendation.
Grade:	11-12
UC/CSU Approval:	"g"
Estimate of Average Daily Homework:	30 min

Advanced Computer Programming is articulated with MiraCosta College's CS 111. Students can earn 3 units from MiraCosta College if they earn a B or higher on both their final exam/project and in the course. In addition, students must submit a MiraCosta College application and in-class support is provided for this step.

This course teaches students to code fluently in an object-oriented paradigm using the programming language Java. Students learn to select appropriate algorithms and data structures to solve problems. The goals of Introduction to Computer Programming course is to be comparable to those in the introductory course for computer science majors offered in many college and university CS departments. Students learn language basics, including control structures, data types, input/output, operators, classes, methods and parameters, basic inheritance, and documentation.

<b>Intro to Computer Science A &amp; B</b>	<b>61148 - 61149</b>
Prerequisites:	none
Grade:	9 -12
UC/CSU Approval:	"c"
Estimate of Average Daily Homework:	30 minutes

This course is designed to offer an introduction to computer science. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems. This course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science, including Computer Science Principles and Introduction to Computer Programming. The course was designed to be used in a blended classroom. The primary language for the course is Python. Students also learn how to use Python programming language to control small artificially intelligent palm sized robots called Cozmo, as well as small programmable drones. This course also teaches students about Arduino programmable circuit boards and coding them. Finally, students explore building the components of a robot, both the software and the hardware, and how they go together.

## Project Lead The Way (PLTW) Pathways

	Year 1	Year 2	Year 3	Year 4
<b>Biomedical Science Pathway</b>	Principles of Biomedical Science	Human Body Systems	Medical Interventions	Biomedical Innovation
<b>Engineering Pathway</b>	Introduction to Engineering Design	Principles of Engineering	Computer Science Principles	Engineering Design and Development

<b>Principles of Biomedical Science A &amp; B</b>	<b>61120 - 61121</b>
Prerequisites:	For incoming 9th graders, "B" or better in 8th grade science or teacher recommendation. For current students, "C" or better in a lab science.
Grade:	9 - 12
UC/CSU Approval:	"d"
Estimate of Average Daily Homework:	15-30 min

In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems.

<b>Human Body Systems A &amp; B</b>	<b>61122 - 61123</b>
Prerequisites:	“B” or better in Principles of Biomedical Sciences or teacher recommendation
Grade:	10 – 12
UC/CSU Approval:	“d”
Estimate of Average Daily Homework:	15-30 min

Human Body Systems A & B is articulated with MiraCosta College’s NURS 151: Body Systems Survey for Health Professions. Students can earn 3 units from MiraCosta College if they earn a B or higher on both their final exam/project and in the course. In addition, students must submit a MiraCosta College application and in-class support is provided for this step.

Students experience real-world scenarios and cases to see medicine in action – as they diagnose and provide treatment and rehabilitation to patients at an outpatient center, keep clients safe and healthy on adventure medicine trips in remote locations, and work in a research center to design laboratory investigations to explore development and aging.

<b>Medical Interventions A &amp; B</b>	<b>61124 - 61125</b>
Prerequisites:	“B” or better in Human Body Systems or teacher recommendation
Grade:	11-12
UC/CSU Approval:	“d”
Estimate of Average Daily Homework:	15-30 min

PLTW Medical Interventions A & B is articulated with Miramar College's BIOL 131 Introduction to Biotechnology. Students can earn 4 units from Miramar College if they earn a B or higher in the course as well as a B or higher on an exam provided by Miramar College. In addition, students must submit a Miramar College application and register for the course online via CATEMA; in-class support is provided for these steps.

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

<b>Biomedical Innovation A &amp; B</b>	<b>61126 - 61127</b>
Prerequisites:	“B” or better in Medical Interventions or teacher recommendation
Grade:	12
UC/CSU Approval:	“d”
Estimate of Average Daily Homework:	15-30 min

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. Students have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.

<b>Introduction to Engineering Design A &amp; B</b>	<b>61130 - 61131</b>
Prerequisites:	For incoming 9th graders, “B” or better in 8th grade mathematics or teacher recommendation. For current students, “C” or better in Algebra 1. Familiarity with Windows Operating System.
Grade:	9 - 12
UC/CSU Approval:	“d”
Estimate of Average Daily Homework:	15-30 min

A course designed for 9th or 10th grade students who are interested in a college major or career path in the various fields of engineering. The major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer’s notebook, and communicate solutions to peers and members of the professional community.

<b>Principles of Engineering A &amp; B</b>	<b>61132 - 61133</b>
Prerequisites:	“B” or better in Introduction to Engineering Design or teacher recommendation and “A” in Algebra.
Grade:	10 - 12
UC/CSU Approval:	“d”
Estimate of Average Daily Homework:	15-30 min

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

<b>Computer Science Principles A &amp; B</b>	<b>61136 - 61137</b>
Prerequisites:	“B” or better in Principles of Engineering or teacher recommendation
Grade:	11-12
UC/CSU Approval:	“d”
Estimate of Average Daily Homework:	15-30 min

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cyber security, and simulation.

<b>Engineering Design and Development A &amp; B</b>	<b>61144 - 61145</b>
Prerequisites:	"B "or better in all three PLTW pathway courses (Introduction to Engineering and Design, Principles of Engineering and *Computer Science Principles) or teacher recommendation. *Computer Science Principles may be replaced with another Computer Science course.
Grade:	12
UC/CSU Approval:	"d"
Estimate of Average Daily Homework:	15-30 min

The knowledge and skills students acquire throughout PLTW Engineering come together in Engineering Design and Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career.

## ENGLISH

<b>English 1 A &amp; B</b>	<b>60102 - 60103</b>
Prerequisites:	Successful completion of English 8 Common Core
Grade:	9
UC/CSU Approval:	"b"
Estimate of Average Daily Homework:	30 min

English 1, the first course in a required, college preparatory four-year sequence, is for 9<sup>th</sup> grade students who are prepared to build on their knowledge and skills mastered in middle school. This course provides the student with experience in a wide range of language arts. Emphasis is on composition skills, oral communication and literature. Attention is also given to grammar, sentence structure, vocabulary development, comprehension, research skills, and form and terminology. Students will develop more sophisticated responses to literature, learning to create and support inferences about characters, moods, themes, etc. They will read literary works of greater complexity and scope, and thereby prepare themselves for future English courses.

<b>English 1 Honors A &amp; B</b>	<b>60104 - 60105</b>
Prerequisites:	"B" or higher in both semesters of English 8 Common Core Advanced or "A's" in both semesters of English 8 Common Core
Grade:	9
UC/CSU Approval:	"b"
Estimate of Average Daily Homework:	45 min

This course is for 9<sup>th</sup> grade students who already possess strong reading and writing skills and are highly interested and motivated learners. English 1 Honors provides an enriched program with more extended, sophisticated writing projects and a more difficult level of literature. English 1 Honors covers all of the curriculum of English 1 but moves at an accelerated pace, requiring more reading, higher quality of writing and a deeper critical analysis of what is read than English 1 CP.

This course is a non-weighted Honors course.

<b>English 2 A &amp; B</b>	<b>60110 - 60111</b>
Prerequisites:	Successful completion of English 1
Grade:	10
UC/CSU Approval:	"b"
Estimate of Average Daily Homework:	30 min

English 2, the second course in a required, college preparatory four-year sequence, combines the influence of historical events within the context of the novels and themes taught in sophomore English. This course is meant to strengthen and expand the skills taught in English 1 with more emphasis on composition, speech, and historical and cultural influences. Emphasis is placed on developing the essay. Attention is also given to advanced forms and terminology of literature. Students will read literary works of greater complexity and scope, and thereby prepare themselves for more advanced English courses.

<b>English 2 Honors A &amp; B</b>	<b>60112 - 60113</b>
Prerequisites:	"B" or better in English 1 Honors or Teacher Recommendation on CRF
Grade:	10
UC/CSU Approval:	"b"
Estimate of Average Daily Homework:	30 min

This course is for 10<sup>th</sup> grade students who already possess strong reading and writing skills and are highly interested and motivated learners. English 2 Honors covers all of the curriculum of English 2 but moves at an accelerated pace, requiring more reading, higher quality of writing and a deeper critical analysis of what is read than English 2.

This course is a non-weighted Honors course.

<b>English 3 A &amp; B</b>	<b>60120 - 60121</b>
Prerequisites:	Successful completion of English 2
Grade:	11
UC/CSU Approval:	"b"
Estimate of Average Daily Homework:	30 min

The English 3 course is the third course in the four-year college preparatory sequence. The course incorporates a study of American literature through themes reflecting important components of the American character. It includes instruction in oral communication, grammar, and composition skills, emphasizing narration, exposition, and persuasion. Students begin their Genius Project in the "A" section of this class.

<b>AP English Language A &amp; B and Seminar</b>	<b>60132 - 60133 - 60134</b>
Prerequisites:	"B" or better in English 2 Honors or Teacher Recommendation on CRF
Grade:	11
UC/CSU Approval:	"b"
Estimate of Average Daily Homework:	30 min

AP English Language and Composition is an intensive, college-level, year-long course that addresses writing as a process and emphasizes all elements of the rhetorical framework, including the writer-audience relationship and the intervening elements of style, context, code, and message. This is primarily a nonfiction course where we will examine speeches, essays, arguments, and more. Students enrolled in this course are expected to work at the college level, applying close reading strategies to an array of challenging texts from various time periods and cultures. Additionally, students begin their Genius Project in the first trimester of this course. Students who complete this course are prepared to take the College Board AP Language & Composition exam. **There is a required summer assignment to complete this course.**

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

<b>CSU Expository Reading and Writing-English 4 A &amp; B</b>	<b>60147 - 60148</b>
Prerequisites:	Successful completion of English 3 or AP English Language
Grade:	12
UC/CSU Approval:	"b"
Estimate of Average Daily Homework:	30 min

The final course in the four-year college preparatory sequence, ERWC (formerly English 4) is designed to prepare college-bound seniors for the literacy demands of higher education through the Expository Reading and Writing Course. Through a sequence of rigorous instructional modules, students in this

rhetoric-based course develop advanced proficiencies in expository, analytical, and argumentative reading and writing. The cornerstone of the course presents a process for helping students read, comprehend, and respond to nonfiction and literary texts. Modules also provide students in research methods and documentation conventions. Students will be expected to increase their awareness of the rhetorical strategies employed by authors, and to apply those strategies in their own writing. Additionally, students will complete their Genius Project in this course.

<b>AP English Literature A &amp; B and Seminar</b>	<b>60144 - 60145 - 60146</b>
Prerequisites:	“B” or better in AP English Language or Teacher Recommendation on CRF
Grade:	12
UC/CSU Approval:	“b”
Estimate of Average Daily Homework:	45 min

AP English Literature and Composition is an intensive, college-level, year-long course that focuses on western literary development from the Greeks through the twentieth century, acquainting students with various genres and themes. Emphasis will be placed on a close reading of individual literary work. Additionally, students will complete their Genius Project in this course. This course is designed to furnish the serious student with an introduction to college-level literature and writing experiences. Students are expected to take the Advanced Placement English Literature exam. **There will be a required summer assignment to complete this course.**

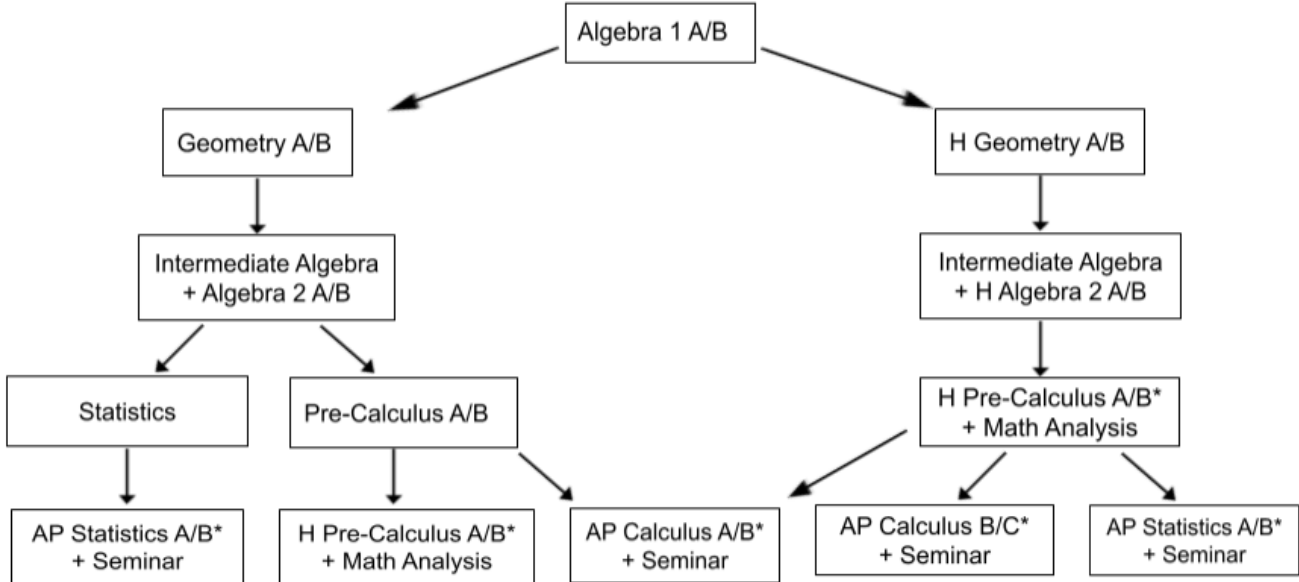
The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

<b>ELD* 1 A, B &amp; C</b> <b>ELD* 2 A, B &amp; C</b> <b>ELD* 3 A, B &amp; C</b> <b>*English Language Development (ELD)</b>	60108 - 60109 - 60114 60115 - 60116 - 60117 60122 - 60123 - 60124
Prerequisites:	District Assessment of Language Proficiency for newly enrolled students or an ELPAC score below a 4
Grade:	9-12
UC/CSU Approval:	no
Estimate of Average Daily Homework:	20 Minutes

ELD (English Language Development) is a course designed to help students learn foundational English skills. This class is for non-native speakers of English. The curriculum used is Inside Curriculum. ELD levels include ELD 1, 2, and 3 depending on the student's ELPAC score and teacher recommendations. Each level is a three trimester class that may be paired with an CP English class.

# MATHEMATICS

## Sage Creek Math Pathways



- \*Weighted for UC/CSU GPA
- Must have a full year course at SCHS of H Algebra 2 as a prerequisite for H Pre-Calculus (no waivers)
  - Math Analysis = AP Calculus A
  - Students wishing to accelerate their pathway may take Geometry summer school through CEF (or other approved and accredited course)

<b>Algebra 1 A &amp; B</b>	<b>60202 - 60203</b>
Prerequisites:	<ul style="list-style-type: none"> <li>• Successful completion of Math 8 Common Core; or</li> <li>• Lower than a “C” in Math 8 B / Algebra in 8<sup>th</sup> grade (aka Advanced/Honors Alg 1) or non-CUSD Algebra 1</li> </ul>
Grade:	9
UC/CSU Approval:	“c”
Estimate of Average Daily Homework:	30 min

In this important foundational course of the **college preparatory**, three-course sequence, students develop an understanding of how the symbolic language of mathematics can be used as a tool to understand numeric relationships. The course content includes the creation and solving of equations and inequalities; building and interpreting linear, polynomial, rational, and exponential functions; reasoning with systems of equations; and analyzing graphs.

<b>Intro to Geometry</b>	<b>60220</b>
Prerequisites:	Teacher, student, parent and counseling approval
Grade:	10-11
UC/CSU Approval:	no
Estimate of Average Daily Homework:	30 min

This course develops basic geometry skills and algebraic concepts useful to students who struggled in Algebra 1. Students will gain experience with geometric notation and figures; corresponding parts, congruence and similarity; the Pythagorean Theorem; basic constructions; proofs; properties of angles; special right triangles, and area of some common geometric figures. Also, students will heavily review algebraic concepts throughout each unit to aid in conceptual understanding of new geometry concepts. This course does not meet a-g requirements and is designed for motivated students who are not ready for the rigor of Geometry.

<b>Geometry A &amp; B</b>	<b>60221 - 60222</b>
Prerequisites:	<ul style="list-style-type: none"> <li>● Successful completion of Algebra 1 in 9th grade; or</li> <li>● "C" in Math 8 B / Algebra in 8th grade (aka Advanced/Honors Alg 1); or</li> <li>● "B" or "C" in non-CUSD Algebra 1 in 8th grade; or</li> <li>● Lower than a "C" in Geometry in 8th grade</li> </ul>
Grade:	9 - 10
UC/CSU Approval:	"c"
Estimate of Average Daily Homework:	30 min

As the second course in the college preparatory, three-course sequence, this course teaches geometry concepts and skills as they apply to the world around us. Course content includes proofs, surface area and volume; coordinate geometry; congruence and similarity; right triangles and trigonometry; circles, and an introduction to statistics and probability.

<b>Geometry Honors A &amp; B</b>	<b>60223 - 60224</b>
Prerequisites:	<ul style="list-style-type: none"> <li>● "B" or higher in Math 8 B / Algebra in 8th grade (aka Advanced/Honors Alg 1); or</li> <li>● "A" in non-CUSD Algebra 1 in 8th grade; or</li> <li>● "A" in both semesters of Algebra 1 in 9th grade</li> </ul>
Grade:	9 - 10
UC/CSU Approval:	"c"
Estimate of Average Daily Homework:	45 min

Honors level math courses at Sage Creek are geared towards students who intend to pursue a career in science, technology, engineering, or math. For this course, students need to be strong in their mathematical and spatial reasoning skills and must be highly interested and motivated to learn at an accelerated pace. All of the topics of college preparatory Geometry are covered but in greater depth and complexity.

This course is a non-weighted Honors course.

<b>Intermediate Algebra</b>	<b>60210</b>
Recommended for students who earned:	<ul style="list-style-type: none"> <li>• Successful completion of Geometry in 9th grade;</li> <li>• "B" or lower in <i>any</i> semester of Honors Geometry or Advanced/Honors Algebra 1</li> </ul>
Grade:	9 - 11
UC/CSU Approval:	no
Estimate of Average Daily Homework:	30 min

At Sage Creek, Intermediate Algebra is a mandatory math elective course that is required for all students entering CP Algebra 2 A and B and for many students entering Algebra 2 Honors A and B. It is unnecessary only for Algebra 2 Honors students who earned A's in *both* semesters of Advanced/Honors Geometry *and* Advanced/Honors Algebra 1. Topics covered include clearing equations of fractions, simplifying radical expressions, advanced factoring, completing the square, rational exponents, exponential functions and logarithms, solving rational equations, introduction to discrete mathematics.

<b>Algebra 2 A &amp; B</b>	<b>60211 - 60212</b>
Prerequisites:	<ul style="list-style-type: none"> <li>• Intermediate Algebra (required); and</li> <li>• Successful completion of Geometry in 9th grade; or</li> <li>• "C" in Advanced/Honors Geometry</li> </ul>
Grade:	9 - 10
UC/CSU Approval:	"c"
Estimate of Average Daily Homework:	30 min

The third course in the **college preparatory**, three-course sequence, Algebra 2 complements and expands the mathematical content and concepts of Algebra 1 and Geometry. At Sage Creek, Algebra 2 is a three-trimester course consisting of a mandatory math elective (Intermediate Algebra) followed by college preparatory Algebra 2 A and B. Topics covered include the construction and comparison of linear, quadratic, and exponential models; graphically representing and solving systems of equations and inequalities; rational and logarithmic functions, the complex number system, and statistics and probability. Students are introduced to the use of a graphing calculator.

<b>Algebra 2 Honors A &amp; B</b>	<b>60213 - 60214</b>
Prerequisites:	<ul style="list-style-type: none"> <li>• “B” or higher in Advanced/Honors Geometry</li> <li>• Intermediate Algebra (optional for students with A’s in both semesters of Adv/Honors Algebra 1 and Adv/Honors Geometry)</li> </ul>
Grade:	9 - 10
UC/CSU Approval:	“c”
Estimate of Average Daily Homework:	45 min

At Sage Creek, Algebra 2 Honors is a three-trimester course consisting of a mandatory math elective (Intermediate Algebra) followed by Algebra 2 A and B. Honors level math courses at Sage Creek are geared towards students who intend to pursue a career in science, technology, engineering, or math. All of the topics of College Preparatory Algebra 2 are covered, but Algebra 2 Honors is faster-paced and goes into greater depth and complexity than the three-trimester college preparatory Algebra 2 course. Therefore, students enrolling in this course need to be insightful in their algebraic and geometric reasoning skills and highly interested and motivated to learn at an accelerated pace.

This course is a non-weighted Honors course.

<b>Pre-Calculus A &amp; B</b>	<b>60238 - 60239</b>
Prerequisites:	Successful completion of Algebra 2
Grade:	10 - 12
UC/CSU Approval:	“c”
Estimate of Average Daily Homework:	30 min

This 2-part course is designed to prepare students for further pursuit of college-level mathematics, as well as increase student ability to apply deductive reasoning in problem solving. Part A reviews and expands upon advanced topics encountered in Algebra 2. Topics include absolute value with inequalities, functions and their graphs, polynomial and rational functions, as well as conics, exponential and log functions. Part B weaves together the mathematical content and concepts of both Geometry and Algebra 2. Topics include trigonometric ratios and functions around the unit circle, inverse trigonometric functions, waves, applications of trigonometry, including vectors, laws of sine and cosine, and trigonometric identities.

<b>Pre-Calculus Honors A &amp; B</b>	<b>60240 - 60241</b>
Prerequisites:	"B" or higher in Pre-Calculus A & B "C" or higher in Algebra 2 Honors (taken at Sage Creek High School)
Grade:	10 - 12
UC/CSU Approval:	“c”
Estimate of Average Daily Homework:	45 min

Honors level math courses at Sage Creek are geared towards students who intend to pursue a career in science, technology, engineering, or math. This two-trimester course is designed to prepare students for Math Analysis in the third trimester and AP Calculus B/C in the fall trimester of the following year. Pre-Calculus Honors A & B are weighted courses. Advanced algebraic and trigonometric functions are taught with an emphasis on conceptual understanding and problem solving in applications.

<b>Math Analysis</b>	<b>60248</b>
Prerequisites:	"C" or higher in Pre-Calculus Honors A & B
Grade:	10 - 12
UC/CSU Approval:	"g"
Estimate of Average Daily Homework:	45 min

This course is equivalent to the AP Calculus A part of an AP Calculus A/B course, and is designed to prepare students for AP Calculus B/C in the fall trimester of the following year. The main topics covered in this course are limits, derivatives, and integrals.

<b>Statistics A &amp; B</b>	<b>60250 - 60251</b>
Prerequisites:	Successful completion of Algebra 2
Grade:	10 - 12
UC/CSU Approval:	"c"
Estimate of Average Daily Homework:	30 min

In this course, students will be introduced to the major concepts of probability, interpretations data, and statistical problem solving. Students will learn the course concepts through hands-on experimentation, simulations, and investigation. They will analyze existing data as well as data collected through a survey, observational study or experiment. They will then display the data in different ways, analyze it, and draw conclusions based on the results.

<b>AP Statistics A &amp; B and Seminar</b>	<b>60252 - 60253 - 60254</b>
Prerequisites:	"B" or higher in Statistics A & B, "C" or higher in Pre-Calculus Honors A & B.
Grade:	11 - 12
UC/CSU Approval:	"c"
Estimate of Average Daily Homework:	60 min

This is a college-level course that covers the following topics: exploring data; planning a study (deciding what and how to measure); anticipating patterns (introducing probability and simulation); interpreting data; and statistical inference. Mastery of the course content gives students the background to succeed in the Advanced Placement Exam in May.

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

<b>AP Calculus AB- A, B and Seminar</b>	<b>60242 - 60243 - 60244</b>
Prerequisites:	“A” in both semesters/trimesters of CP Pre-Calculus or successful completion in both semesters/trimesters of Pre-Calculus H
Grade:	11 - 12
UC/CSU Approval:	“c”
Estimate of Average Daily Homework:	60 min

This course provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. Students are introduced to calculus and the following topics: limits and continuity, differential calculus, application of differentiation, integral calculus, differential equations, basic methods of integration, and applications of integration. This course prepares students to take the Advanced Placement Exam.

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

<b>AP Calculus BC- A, B and Seminar</b>	<b>60245 - 60246 - 60247</b>
Prerequisites:	“B” or higher in Pre-Calculus H and Math Analysis
Grade:	11 - 12
UC/CSU Approval:	“c”
Estimate of Average Daily Homework:	60 min

This course provides students with an intuitive understanding of the concepts of calculus and offers experience with its methods and applications. In addition to a comprehensive review of differential and integral calculus, the topics covered include: vector functions, parametric equations, and polar coordinates; rigorous definitions of finite and nonexistent limits; derivatives and advanced applications of the definite integral; and sequences and series. This course prepares students to take the Advanced Placement Exam for AP Calculus BC in May.

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

<b>Data Science A &amp; B</b>	<b>60257 - 60258</b>
Prerequisites:	“C” or better in Algebra 2
Grade:	12
UC/CSU Approval:	“g”
Estimate of Average Daily Homework:	60 min

This course will develop skills in Data Science and statistics by emphasizing a modeling approach. Students will learn to use data and modeling to answer questions and to critically evaluate information. By the end of the course, students will be prepared to explore quantitative and categorical data using

numerical and visual summaries with the use of R; to model variation in categorical and quantitative data using the General Linear Model (GLM); and to compare and evaluate models in terms of effect size and probabilities. A significant goal of the course is to provide students with skills that are future-oriented and tied to the real-world so that they are better equipped for their future careers.

<b>NON-DEPARTMENTAL</b>
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<b>Academic Tutor</b>	<b>61023</b>
Prerequisites:	Counselor Recommendation
Grade:	11-12
UC/CSU Approval:	No

Academic tutor is an elective course for students wishing to tutor other students in core academic classes and/or special programs within the school. Tutors are expected to be able to help in at least three academic subjects. These academic courses may include, but are not limited to: English, Mathematics, Sciences, Social Sciences and World Languages.

**No more than a total of 20 credits of Academic Tutor, Business Environment, Library Aide, or Student Services can be taken for elective credit. \*In addition, students cannot have more than one period per trimester of Academic Tutor, Library Aide, or Student Services.**

Pass/Fail grade only, excluded from GPA.

<b>ACE* 09-A, B &amp; C</b> <b>*Academic Challenge for Excellence</b>	<b>609305 - 609306 - 609307</b>
Prerequisites:	Teacher and Counselor approval and Contract signed
Grade:	9
UC/CSU Approval:	No
Estimate of Average Daily HW:	none

ACE is a 3-trimester course designed to enable freshmen students to be more successful in general content classes. The course will combine a strategy intervention approach with tutorial assistance. Recent research has shown that students benefit from learning techniques, principles, and rules that enable them to solve problems and complete tasks independently. Task specific learning strategies include, but are not limited to, comprehending textbooks, note taking, organization, motivation and team building, and assignment completion.

\* There is a week-long Summer Bridge that complements this program before the start of the school year.

<b>APEX</b>	<b>612009</b>
Prerequisites:	Counselor Recommendation
Grade:	11-12, Seniors have Priority
UC/CSU Approval:	Yes
Estimate of Average Daily HW:	none

Apex Learning® digital curriculum sets high expectations for every student and provides teachers with standards-based instructional tools to deliver student-centered instruction with integrated formative and summative assessments. Students are empowered with personalized instruction that puts them at the center of their learning and keeps students attentive and engaged as they read, watch, listen, inquire, write, discuss, and manipulate. The purposeful use of media throughout instruction provides students with opportunities to explore and understand new concepts, allowing each student to move at his or her own pace. A typical lesson includes studies, practices, readings, journals, labs, discussions, projects, reviews, and embedded assessments. The learner experience engages each student in active learning and supports student success by making rigorous content accessible to each student at their level of academic readiness, yielding increased student outcomes.

<b>ASB A, B &amp; C</b>	<b>61001 - 61002 - 61003</b>
Prerequisites:	Elected by students or ASB teacher selection based on application and interview
Grade:	9 – 12
UC/CSU Approval:	"G"

ASB is a three-trimester course for the student interested in student government, school-wide activities planning and leadership. Students develop and utilize their skills in leadership, communication, collaboration, organization, goal setting, parliamentary procedures, and event planning to promote school-wide student involvement in campus events and activities and community service projects. A core value for all ASB members is the commitment to creating, sustaining and modeling an inclusive and positive school culture. ASB oversees school clubs, budgets, staff and student recognition, publicity, public relations, student store, fundraising, dances, pep rallies, spirit days, cultural events, elections, link crew, and all class councils. **Students are required to enroll in this course for at least two trimesters (preferably 1st and 3rd Trimester).**

<b>AVID 9 A, B &amp; C</b>	<b>61010 - 61011 - 61012</b>
Prerequisites:	Invitation from AVID Coordinator or recommendation from 8th grade teachers and completed application and interview.
Grade:	9
UC/CSU Approval:	"g"
Estimate of Average Daily Homework:	none

AVID 9 is a college preparatory class designed to assist students, typically first-generation college students, and those most underrepresented in the 4-year college system, work toward college acceptance. This class is the first in a four-year sequence of a regularly scheduled elective (three trimesters each year). Students selected for AVID will learn organizational and study skills, work on critical thinking skills, get academic help from trained upperclassmen and college tutors, and participate in enrichment and motivational activities (such as guest speakers and university field trips) that make college more attainable. AVID freshmen are highly encouraged to take Honors English 1. All AVID students are required to take at least one AP or community college course by their senior year, must maintain at least a 2.7 GPA and must apply to at least one 4-year university and fill out the FAFSA (Free Application for Federal Student Aid) during their senior year.

<b>AVID 10 A, B &amp; C</b>	<b>61013 - 61014 - 61015</b>
Prerequisites:	AVID 9 or recommendation from ACE or AVID teacher
Grade:	10
UC/CSU Approval:	"g"
Estimate of Average Daily Homework:	15 minutes twice a week.

AVID 10 is a college preparatory class designed to assist students, typically first-generation college students, and those most underrepresented in the 4-year college system, work toward college acceptance. This class is the second in a four-year sequence of a regularly scheduled elective (three trimesters each year). Students selected for AVID will learn organizational and study skills, work on critical thinking skills, get academic help from trained upperclassmen and college tutors, and participate in enrichment and motivational activities (such as guest speakers and university field trips) that make college more attainable. AVID sophomores are highly encouraged to take Honors English 2. All AVID students are required to take at least one AP or community college course by their senior year, must maintain at least a 2.7 GPA and must apply to at least one 4-year university and fill out the FAFSA (Free Application For Federal Student Aid) during their senior year.

<b>AVID 11 A, B &amp; C</b>	<b>61016 - 61017 - 61018</b>
Prerequisites:	AVID 10
Grade:	9 – 12
UC/CSU Approval:	"g"
Estimate of Average Daily Homework:	15 minutes twice a week

AVID 11 is a college preparatory class designed to assist students, typically first-generation college students, and those most underrepresented in the 4-year college system, work toward college acceptance. This class is the third in a four-year sequence of a regularly scheduled elective (three trimesters each year). Students will continue to hone their organizational and study skills, work on critical thinking skills, get academic help from trained upperclassmen and college tutors, and participate in enrichment and motivational activities (such as guest speakers and university field trips) that make college more attainable. AVID juniors are highly encouraged to take at least one AP, Honors, or community college class, and they are required to begin the process for college applications and financial aid during junior year. All AVID students are required to take at least one AP or community college course

by their senior year, must maintain at least a 2.7 GPA and must apply to at least one 4 year university and fill out the FAFSA (Free Application For Federal Student Aid) during their senior year. Students may not join AVID during their junior year unless there are extenuating circumstances and there is approval from the AVID Coordinator.

<b>AVID Senior Seminar</b>	<b>61007 - 61008 - 61009</b>
Prerequisites:	AVID 11
Grade:	9 – 12
UC/CSU Approval:	“g”
Estimate of Average Daily Homework:	15 minutes twice a week

AVID Senior Seminar is a college preparatory class designed to assist students, typically first-generation college students, and those most underrepresented in the 4-year college system, work toward college acceptance. This class is the final course in a four-year sequence of a regularly scheduled elective (three trimesters each year). AVID seniors continue to hone their organizational and study skills, engage in rigorous reading and writing, get academic help from trained college tutors, and participate in enrichment and motivational activities (such as guest speakers and university field trips) that make college more attainable. All AVID seniors must take math during their senior year, as well as at least one AP or community college course. They must maintain A-G eligibility and apply to at least one 4-year university. Additionally, all AVID seniors must fill out the FAFSA (Free Application For Federal Student Aid) and at least one scholarship application.

<b>Library Aide</b>	<b>61022</b>
Prerequisites:	Consult with Counselor, Good Attendance and Citizenship
Grade:	11-12
UC/CSU Approval:	No

This course prepares students to work in school, public, and college libraries. A variety of skills are taught in a hands-on way. Students learn how to: check-in and checkout books; process books, magazines, and newspapers; organize materials; promote new materials; utilize computer software programs; and assist in the library’s collection development.

**No more than a total of 20 credits of Academic Tutor, Business Environment, Library Aide, or Student Services can be taken for elective credit. \*In addition, students cannot have more than one period per trimester of Academic Tutor, Library Aide, or Student Services.**

Pass/Fail grade only, excluded from GPA.

<b>PALS (Peer Assistance Listening) - Tri 1</b>	<b>60940</b>
<b>PALS (Peer Assistance Listening) - Tri 2</b>	<b>60941</b>
<b>PALS (Peer Assistance Listening) - Tri 3</b>	<b>60942</b>
Prerequisites:	Selection based on application and interview process with PALS Advisor (See a counselor to learn more)
Grade:	11 - 12
UC/CSU Approval:	none

In this year-long course, students will be Peer Assistant Listeners (PALS) providing peer to peer support for social/emotional, academic and college/career domains. Students in this course will be trained and supported by the School Counseling Department. School Counselors will serve as the PALS Advisors. PALS are students that are responsible, trustworthy, have strong academic standing, good attendance, take initiative and want to help and support others. A commitment is required as some training occurs before school starts in the fall.

<b>Student Services</b>	<b>61020</b>
Prerequisites:	Consult with Counselor, Good Attendance and Citizenship
Grade:	11-12
UC/CSU Approval:	No

This course allows the student to perform administrative, clerical and customer service skills in office areas.

**No more than a total of 20 credits of Academic Tutor, Business Environment, Library Aide, or Student Services can be taken for elective credit. \*In addition, students cannot have more than one period per trimester of Academic Tutor, Library Aide, or Student Services.**

Pass/Fail grade only, excluded from GPA.

## PHYSICAL EDUCATION

<b>Athletic PE</b>	<b>60796</b>
Prerequisites:	Must have completed the Athletic PE Application and be on the Roster for a JV or Varsity Sport team at SCHS.
Grade:	10 - 12
UC/CSU Approval:	No

To participate in the athletic PE program, a student must have already passed PE 1 and play a sport for Sage Creek. Upon successful participation as an athlete for a full season of sport, a student can earn 5 PE credits. Freshmen are not eligible.

<b>Dance PE 1 A &amp; B</b>	<b>60730 - 60731</b>
Prerequisites:	None
Grade:	10 - 12
UC/CSU Approval:	No
Estimate of Average Daily Homework:	0 - 15 min

This course offers students an opportunity to learn basic dance techniques, dance history, and dance appreciation. Students need no prior dance experience to enroll in the class. Students will participate in a variety of dance styles including ballet, modern, musical theater, jazz, and social and cultural dance. A performance in the Fall Dance Show is required (although alternatives are conservatively offered).

Freshmen are required to take Physical Education and cannot earn PE credit through Dance PE, however, freshmen can take dance for Fine Art or Elective credit.

<b>Dance PE 2 A &amp; B</b>	<b>60732 - 60733</b>
Prerequisites:	Audition or completion of Dance 1
Grade:	10 - 12
UC/CSU Approval:	No
Estimate of Average Daily Homework:	0 - 15 min

This course focuses on developing and performing more challenging dance techniques through a variety of dance styles including ballet, modern, musical theater, jazz, hip hop, and social and cultural dance. Students will also learn about alignment, stretch and strengthening, isolations, and dance vocabulary including the dance elements. A performance in the Spring Dance Show is required (although alternatives are conservatively offered).

Freshmen are required to take Physical Education and cannot earn PE credit through Dance PE, however, freshmen can take dance for Fine Art or Elective credit.

<b>Dance PE 3 A &amp; B</b>	<b>60734 - 60735</b>
Prerequisites:	Audition
Grade:	10 - 12
UC/CSU Approval:	No
Estimate of Average Daily Homework:	0 - 15 min

This course develops advanced dance techniques through rigorous dance conditioning practices and performing more challenging dances in a variety of dance styles including ballet, modern, musical theater, jazz, hip hop, and social and cultural dance. Students also deepen their understanding of

alignment, stretch and strengthening, isolations, and dance vocabulary including the dance elements. A performance in the Spring Dance Show is required (although alternatives are conservatively offered).

Freshmen are required to take Physical Education and cannot earn PE credit through Dance PE, however, freshmen can take dance for Fine Art or Elective credit.

<b>Dance PE 4 A &amp; B</b>	<b>60736 - 60737</b>
Prerequisites:	Audition
Grade:	10 - 12
UC/CSU Approval:	No
Estimate of Average Daily Homework:	30 - 60 min

Dance 4 is the class our Dance Company takes and is for advanced dancers with extensive previous experience only. The Dance Company performs at Sage Creek athletic events, spirit events like pep rallies, and performs in community events as well as the Fall and Spring Dance Show. Students refine advanced dance techniques and execute and create sophisticated choreography.

<b>Independent Study PE A &amp; B</b>	<b>60797 - 60798</b>
Prerequisites:	Must have completed ISPE Application and have been approved.
Grade:	10 - 12
UC/CSU Approval:	No

Independent Physical Education at SCHS will follow Carlsbad Unified School District's Guidelines. Students must have a legitimate activity with a certified coach in a sport that we do not offer. Space in the class is limited.

<b>Life Fitness A &amp; B</b>	<b>60720 - 60721</b>
Prerequisites:	None
Grade:	10 - 12
UC/CSU Approval:	No

Life Fitness is designed to provide students the opportunity to further the lifelong goal of an active, healthy lifestyle. There is a strong emphasis on cardiovascular fitness, muscle strength and endurance, flexibility as well as core strength development. This class is geared more toward individual fitness than athletic performance. Students will also have the opportunity to design Personal Fitness and Nutrition Plans.

<b>Physical Education 1 A, B &amp; C</b>	<b>60701 - 60702 - 60705</b>
Prerequisites:	None
Grade:	9
UC/CSU Approval:	No

PE 1 is a three-trimester required course for all 9th graders and provides the opportunity to learn and apply core concepts of Health Science and Physical Education. This course develops the knowledge and ability for students to attain and maintain an active, healthy lifestyle. There is a strong emphasis on individual fitness, exercise physiology, biomechanics, motor learning and anatomy/physiology. The course prepares students to pass the state-mandated physical fitness test in the spring and satisfy the state Health Science requirements.

<b>Strength &amp; Conditioning</b>	<b>60740</b>
Prerequisites:	None
Grade:	10 - 12
UC/CSU Approval:	No

This course is designed to introduce students to different types of strength training (Weights, Circuit or HIIT, Flexibility) and some nutrition. Students will learn the concepts of basic fundamentals of weight training, conditioning, and flexibility for overall fitness. Students will physically participate in order to build core, upper and lower body strength and develop their cardiovascular endurance. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. By the end of the course students will know how to do a variety of lifts and exercises, create a 6-week training cycle, understand the core fundamentals of nutrition and the importance of flexibility.

<b>YOGA &amp; Strength PE</b>	<b>60795</b>
Prerequisites:	Completion of PE 1 A - C
Grade:	10 - 12
UC/CSU Approval:	No

This course is designed to introduce students to strength, endurance and flexibility through yoga, Pilates and weight and cardiovascular training. Students will experience the benefits of stretching and breathing techniques, as well as learn the concepts behind strength training using body weight. Students will physically participate in order to build core and upper body strength and develop their cardio endurance. Students will learn the basic fundamentals of body-resistance training for overall fitness and improved flexibility. Course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, mindfulness, and movement activity for a lifetime.

# SCIENCE

## Science Course Sequences

	9th Grade	10th Grade	11th Grade	12th Grade
<b>CP Option A</b>	Fund. of Biology	Biology	Chemistry	Physics Marine Science
<b>CP Option B</b>	Biology	Chemistry Marine Science	Physics Marine Science	
<b>Accelerated/ AP Level</b>	Biology and Chemistry	AP Biology Physics Marine Science	AP Physics 1 AP Chemistry	AP Physics 1 AP Chemistry

\*AP Course offerings are based on student interest and teacher availability. All AP courses are three trimesters long (A + B + Seminar).

\*\*The Accelerated/AP Pathway is only recommended for students who wish to pursue 3 years of AP Science. Prerequisites for this Pathway are "A" in 8th grade Science and "A" in 8th grade Algebra or equivalent.

<b>Fundamentals of Biology</b>	<b>60309</b>
Prerequisites:	none
Grade:	9 -10
UC/CSU Approval:	no
Estimate of Average Daily Homework:	15-30 min

Fundamentals of Biology is intended for students looking to transition from middle school science classes to high school biology class. The main topics of biology are covered: scientific process, cell cycle, genetic engineering, food web and energy pyramid, keystone species, and ecosystems. In addition, this course focuses on science and engineering practices and cross cutting concepts in Next Generation Science Standards (NGSS). The Laboratory work is the foundation of learning followed by the development of scientific writing. Overall, the course will aid in the learning of Biology 1A and 1B topics, which will be taken after completion of this one trimester foundation level course.

<b>Biology 1-A &amp; B</b>	<b>60302 - 60303</b>
Prerequisites:	"C" or better in Fundamentals of Biology in addition to "C" or better in 8th Grade Science
Grade:	9 -10
UC/CSU Approval:	"d"
Estimate of Average Daily Homework:	30 min

Biology 1 is a college preparatory course that seeks to study and understand our living Earth. Evolution of our Earth and atmosphere as well as the organisms contained within will be explored while studying cells, photosynthesis, respiration, molecular genetics, ecology and the impacts that humans have on our planet. Laboratory work is the foundation of learning teaching science skills and practices such as analyzing and interpreting data and deriving claims from evidence. This course requires students to work both independently and collaboratively both in and out of the classroom.

This course follows the Next Generation Science Standards 3 Course Model.

<b>AP Biology A &amp; B and Seminar</b>	<b>60306 - 60307 - 60308</b>
Prerequisites:	"A" in both Biology A and B and Chemistry A and B
Grade:	10-12
UC/CSU Approval:	"d"
Estimate of Average Daily Homework:	60 min

A challenging college-level laboratory science for the honors student intending on taking the AP exam. Covers cells and cell chemistry, genetics, photosynthesis, respiration, evolution, plants, animals, vertebrate regulation, human body, behavior, and ecology. This course prepares students to take the Advanced Placement Exam in May.

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

<b>Chemistry A &amp; B</b>	<b>60320 - 60321</b>
Prerequisites:	"C" or better in Biology A and B and "C" or better in Algebra A and B
Grade:	9-11
UC/CSU Approval:	"d"
Estimate of Average Daily Homework:	30 min

Chemistry in the Earth System A and B is a college preparatory laboratory science course. This introductory course covers lab safety, combustion, heat and energy in the Earth system, atoms, elements and molecules, chemical reactions, stoichiometry, climate change, and ocean acidification. To be successful, chemistry students must work independently and collaboratively both in and out of the classroom in an application-based curriculum that includes the writing of formal lab reports and many

hands-on experiences working in a laboratory. Students should expect a high level of application-based rigor in their daily practices to achieve depth of understanding of the chemistry topics.

This course follows the Next Generation Science Standards 3 Course Model.

<b>AP Chemistry A &amp; B and Seminar</b>	<b>60324 - 60325 - 60326</b>
Prerequisites:	"A" in both Biology A and B and Chemistry A and B and "A" in Geometry
Grade:	11-12
UC/CSU Approval:	"d"
Estimate of Average Daily Homework:	60 min

The AP Chemistry course provides students with a rigorous college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they deeply explore topics such as: atomic structure and properties, molecular and ionic compound structure and properties, intermolecular forces and properties, chemical reactions, kinetics, thermodynamics, equilibrium, acids and bases, and applications of thermodynamics. This course prepares students to take the Advanced Placement Exam in May. **There will be a required summer assignment to complete this course.**

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

<b>Marine Science 1-A &amp; B</b>	<b>60330 - 60331</b>
Prerequisites:	"C" or better in Biology 1 A and B
Grade:	10-12
UC/CSU Approval:	"d"
Estimate of Average Daily Homework:	30 min

Marine Science is a college preparatory interdisciplinary science course that introduces students to the scientific studies of our oceans and the organisms within them. Through laboratory investigations and activities students will use their previous and expanding scientific knowledge to analyze ocean processes and how those processes affect marine life. Students should leave the course having demonstrated the ability to analyze a marine organism's adaptations and be able to discuss in detail the reasons those adaptations are appropriate in the marine environment based on physical, chemical, or geological, ocean parameters.

<b>Physics 1-A &amp; B</b>	<b>60310 - 60311</b>
Prerequisites:	"C" or better in Chemistry A and B <u>and</u> "C" or better in Geometry
Grade:	11-12
UC/CSU Approval:	"d"
Estimate of Average Daily Homework:	30 min

This college preparatory science course studies the fundamental concepts in nature. The Physics curriculum integrates mathematical calculations, writing skills, laboratory skills, and critical thinking skills as they apply to developing a hands-on understanding of the interactions of matter and manifestations of energy. This course covers scientific measurement, forces and motion, forces at a distance, energy conversions, nuclear processes, waves and electromagnetic radiation, and stars and the origin of the universe. Through laboratory activities students will become familiar with scientific investigations including observing, organizing, comparing, relating, communicating, defining a scientific problem, proposing and testing hypotheses, analyzing results, and measuring variables.

This course follows the Next Generation Science Standards 3 Course Model.

<b>AP Physics 1 A &amp; B and Seminar</b>	<b>60314 - 60315 - 60316</b>
Prerequisites:	“A” in Chemistry A and B and “A” in Algebra 2
Grade:	11-12
UC/CSU Approval:	“d”
Estimate of Average Daily Homework:	60 min

AP Physics 1 is an algebra-based, rigorous introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they deeply explore topics such as Newtonian mechanics (including rotational motion); work; energy; oscillations; and thermodynamics. This course prepares students to take the Advanced Placement Exam in May. **There will be a required summer assignment to complete this course.**

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

## SOCIAL SCIENCES

<b>AP Human Geography A &amp; B and Seminar</b>	<b>60424 - 60425 - 60426</b>
Prerequisites:	A or B in English 8 Honors & A or B in U.S. History Grade 8
Grade:	<b>9</b>
UC/CSU Approval:	“a” or “g”
Estimate of Average Daily Homework:	20 min

This course will prepare students for the Advanced Placement Exam in Human Geography. AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. The course is structured according to the course outline found in the most recent AP® Human Geography Course Description published by the College Board. This is a fascinating class that will introduce you to the spatial world

around you and its influences on human interaction and the environment. It is, however, a rigorous course, as is the case with all college-level AP courses. As a result, you will be required to complete reading and writing assignments outside of class and take notes in class on lectures and discussions.

**This is a non-weighted AP course as UC/CSU does not consider/recognize course weighting in Grade 9**

<b>World History / Culture A &amp; B</b>	<b>60404 - 60405</b>
Prerequisites:	None
Grade:	10
UC/CSU Approval:	"a"
Estimate of Average Daily Homework:	20 min

This college preparatory course provides an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. Students study cultures of the western and non-western world. The course integrates geography with history and cultural studies.

<b>AP Modern World History A &amp; B and Seminar*</b>	<b>60427 - 60428 - 60429</b>
Prerequisites:	"B" or better in English 1 Honors both terms or "A" in English 1 both terms
Grade:	10
UC/CSU Approval:	"a"
Estimate of Average Daily Homework:	60 min

**\* Pending CUSD Board Approval**

This course will prepare students for the Advanced Placement Exam. In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Students will be eligible to take the Advanced Placement Exam in May.

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

<b>US History A &amp; B</b>	<b>60410 - 60411</b>
Prerequisites:	None
Grade:	11
UC/CSU Approval:	"a"
Estimate of Average Daily Homework:	20 min

This college preparatory course explores the cultural, economic, political, and geographical history of the United States. The course focuses on major developments and turning points in industrialized America. Students will develop and utilize critical thinking skills to analyze history and better understand the world in which they live.

<b>AP US History A &amp; B and Seminar</b>	<b>60412 - 60413 - 60414</b>
Prerequisites:	"C" or better in AP European History both terms or "A" in English 2 both terms or "B" or better in English 2 Honors both terms
Grade:	11
UC/CSU Approval:	"a"
Estimate of Average Daily Homework:	60 min

This college-level, three-trimester course provides students with the analytical skills and factual knowledge necessary to understand the course of United States history. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course examines time periods from discovery and settlement of the New World through the recent past. **The course has a required summer assignment. The work is due on the first day of class. The assignment will be posted on the school's website.** Students will be eligible to take the Advanced Placement Exam in May. The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

<b>US Government</b>	<b>60420</b>
Prerequisites:	None
Grade:	12
UC/CSU Approval:	"a"
Estimate of Average Daily Homework:	20 min

This course provides students with a thorough overview of how U.S. government and politics work. Students will analyze the founding documents as well as specific case studies and current events to gain a theoretical and practical understanding of our system of government. In addition to the constitutional institutions of the U.S. government, topics addressed include: political beliefs, parties and interest

groups, civil rights and liberties, economic, foreign, and other public policy and the skills necessary to make a difference in the political arena.

<b>AP US Government and Politics-A, B and Seminar</b>	<b>60421 – 60422 - 60423</b>
Prerequisites:	“C” or better in AP United States History both terms or “A” in English 3 both terms or “B” or better in English AP Lang both terms
Grade:	12
UC/CSU Approval:	“a”
Estimate of Average Daily Homework:	60 min

This college level, full year course provides students with a thorough overview of how U.S. government and politics work. Students will analyze the founding documents as well as specific case studies and current events to gain a theoretical and practical understanding of our system of government. In addition to the constitutional institutions of the U.S. government, topics addressed include political beliefs, parties and interest groups, civil rights and liberties, economic, foreign, and other public policy and the skills necessary to make a difference in the political arena. (Students are prepared to pass the AP U.S. Government exam, but not the AP Macroeconomics exam.)

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

<b>Economics</b>	<b>60430</b>
Prerequisites:	None
Grade:	12
UC/CSU Approval:	“g”
Estimate of Average Daily Homework:	20 min

This course provides students with a thorough understanding of the principles of economics that apply to an economic system as a whole, emphasizing the study of national income and price determination. The course develops students' familiarity with economic performance measures and economic understanding. This course will integrate the role of government in promoting greater efficiency and equity in the economy as well as the U.S. economy to political and legal systems. These foundations are necessary building blocks to help prepare students for the world after graduation.

<b>AP Macroeconomics A &amp; B and Seminar</b>	<b>60431 – 60432 - 60433</b>
Prerequisites:	“C” or better in AP United States History both terms or “A” in English 3 both terms or “B” or better in English AP Lang both terms
Grade:	12
UC/CSU Approval:	“g”
Estimate of Average Daily Homework:	60 min

This college level, full year course provides students with a thorough understanding of the principles of economics that apply to an economic system as a whole, emphasizing the study of national income and price determination. The course develops students' familiarity with economic performance measures, economic growth, and international economics. This course will integrate the role of government in promoting greater efficiency and equity in the economy. (Students are prepared to pass the AP Macroeconomics exam, but not the AP Government Exam)

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

<b>Psychology A &amp; B</b>	<b>60442 - 60443</b>
Prerequisites:	None
Grade:	11-12
UC/CSU Approval: Yes	“g”
Estimate of Average Daily Homework:	20 min

This course explores behavior and mental processes of both human and non-human animals. Students explore implications for everyday life with a scientific perspective on human behavior. This course may be taken as a one trimester or two trimester course.

<b>AP Psychology A &amp; B and Seminar</b>	<b>60444 - 60445 - 60446</b>
Prerequisites:	“B” or better in most recent English or AP Course both terms
Grade:	11-12
UC/CSU Approval: Yes	“g”
Estimate of Average Daily Homework:	60 min

This college level, full year course introduces students to the systematic and scientific study of the behavior and mental processes of human beings, exposes students to each of the major subfields within psychology, and enables students to examine the methods that psychologists use in their science and practice. **The course has a required summer assignment. The work is due on the first day of class.**

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

## STUDENT SUPPORT SERVICES (Special Education)

<b>Directed Studies-09 A, B &amp; C</b>	<b>60801 - 60802 - 60803</b>
Prerequisites:	Student must have an Individualized Educational Plan (IEP)
Grade:	9
UC/CSU Approval:	No

Directed Studies classes are designed to meet the individualized needs of students with disabilities. Placement and support is determined by the Individualized Education Plan (IEP) process and students have access to instruction in the general education setting to their fullest extent. The classes provide high evidence-based instruction and strategies with a focus on goals and objectives to meet the IEP for each student.

<b>Directed Studies-10 A, B &amp; C</b>	<b>60804 - 60805 - 60806</b>
Prerequisites:	Student must have an Individualized Educational Plan (IEP)
Grade:	10
UC/CSU Approval:	No

Directed Studies classes are designed to meet the individualized needs of students with disabilities. Placement and support is determined by the Individualized Education Plan (IEP) process and students have access to instruction in the general education setting to their fullest extent. The classes provide high evidence-based instruction and strategies with a focus on goals and objectives to meet the IEP for each student.

<b>Directed Studies-11 A, B &amp; C</b>	<b>60807 - 60808- 60809</b>
Prerequisites:	Student must have an Individualized Educational Plan (IEP)
Grade:	11
UC/CSU Approval:	No

Directed Studies classes are designed to meet the individualized needs of students with disabilities. Placement and support is determined by the Individualized Education Plan (IEP) process and students have access to instruction in the general education setting to their fullest extent. The classes provide high evidence-based instruction and strategies with a focus on goals and objectives to meet the IEP for each student.

<b>Directed Studies-12 A, B &amp; C</b>	<b>60810 - 60811- 60812</b>
Prerequisites:	Student must have an Individualized Educational Plan (IEP)
Grade:	12
UC/CSU Approval:	No

Directed Studies classes are designed to meet the individualized needs of students with disabilities. Placement and support is determined by the Individualized Education Plan (IEP) process and students have access to instruction in the general education setting to their fullest extent. The classes provide high evidence-based instruction and strategies with a focus on goals and objectives to meet the IEP for each student.

## VISUAL & PERFORMING ARTS

<b>Architectural Design A &amp; B</b>	<b>60501 - 60502</b>
Prerequisites:	Familiarity of Windows Operating System
Grade:	9 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	n/a

Architectural Design A & B is articulated with MiraCosta College's DESN 100: Fundamentals of Design. Students can earn 3 units from MiraCosta College if they earn a B or higher on both their final exam/project and in the course. In addition, students must submit a MiraCosta College application and in-class support is provided for this step.

Architectural design has been created for students interested in developing primary skills in the area of Architecture and Design. Students examine architecture and its origins as well as address the diverse forces that have shaped modern architecture. Students gain an understanding of the significance of architecture and will also acquire skills to visually analyze structures. This course also provides entry level and upgrade training in the principles of drafting conventions and techniques of building and construction drawing. Class activities involve research, presentations, sketching, dimensioning, notations, floor plans, elevation plans, foundation plans, sectional plans, scaled model building with a variety of mediums, and all phases of architectural plan development and design. Students utilize computer-based design software (AutoCad, AutoCad Architecture, Sketchup, and Layout) as well as architect's scales, tape measures and layout equipment. This course prepares students for positions as architectural designers, drafters, plan checkers and construction trade workers, interior designers, landscape architects, and interior architects.

<b>Art 1 A &amp; B</b>	<b>60503 – 60504</b>
Prerequisites:	None
Grade:	9 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	30 min

Art 1 allows students to take creativity and transfer it to visual works of art. Students develop knowledge of the elements of art and principles of design. They learn a variety of techniques through the use of graphite pencil, charcoal, pen, colored pencils, watercolor, acrylic and/or tempera paint. Students learn about studio processes, gain artistic literacy and insight on historical contexts and develop their creative voice. Students who successfully complete Art 1 are prepared for a variety of upper level art classes.

<b>Art 2 A &amp; B</b>	<b>60505 - 60506</b>
Prerequisites:	Student must complete Art 1 or teacher approval and submission of portfolio showing mastery of basic Art 1 skills
Grade:	9 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	30 min

Art 2 provides the intermediate student with an opportunity to further develop the skills and knowledge of the elements of art and principles of design, personal expression and composition learned in Art 1. This course includes a variety of media such as graphic design, printmaking, painting, and collage as well as exploratory applications and techniques. Students will continue learning about historical contexts and movements in art.

<b>Art 3 A &amp; B</b>	<b>60507 - 60508</b>
Prerequisites:	Successful completion of Art 2 or submission of portfolio for approval by teacher
Grade:	10 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	30 min

This advanced course is designed for artists who wish to further develop their creative voice techniques in drawing and painting. Students will focus on compositional skills, expressive skills, and create several works of art using a wide variety of media including oil and gouache paint, charcoal, pastel and graphite. Students also will begin developing a portfolio and may participate in group, school and community design projects. This course may be repeated.

<b>AP Art History A, B &amp; Seminar</b>	<b>60520 - 60521 - 60522</b>
Prerequisites:	"B" or better in English and Social Studies
Grade:	11-12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	60 min

The AP Art History course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. Through investigation of diverse artistic traditions of cultures from prehistory to the present, the course fosters in-depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and interconnections of art making processes and products throughout history. This course prepares students to take the AP exam in May.

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

<b>AP Art Studio A, B &amp; Seminar</b>	<b>60525 - 60526 - 60527</b>
Prerequisites:	Art/Photo 1 and successful completion of 1 to 2 years of higher level art/photo courses. Art teacher recommendation and portfolio required.
Grade:	11-12
UC/CSU Approval:	pending
Estimate of Average Daily Homework:	45 min

The AP Art and Design program provides the highly motivated student seeking early preparation for an art career or major with the opportunity to develop a professional portfolio and concentrate on specific areas of individual interest. The course and portfolio exam includes two different areas of study: AP 2-D Art and Design and AP Drawing. Students in 2-D can choose to create art using photography, graphic design, and mixed media. Students in Drawing (analog and digital), can choose from drawing, painting, printmaking, and mixed media work. Students will make works of art and design by practicing, experimenting, and revising, and will communicate ideas about art and design through written and visual expression. Students will independently create a portfolio consisting of a minimum of 20 art pieces by the end of April and will prepare students to complete the AP Art and Design exam for College credit. At the end of the course students will curate an exhibition of original works of art as well develop a lifelong engagement with art and design.

The A and B portion of AP classes are weighted; the required Seminar portion is a non-weighted elective credit.

<b>3D Design A &amp; B</b>	<b>60523 – 60524</b>
Prerequisites:	Art 1 or submission of a Portfolio for review by instructor
Grade:	9 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	10-30 min

3D Design is intended for the intermediate art student. This class is a studio art class that explores 3D forms and focuses on creating work in various materials, techniques, and processes (with a strong emphasis on clay processes). Students apply the elements of art, principles of design, color theory, as well as drawing and painting skills. Through the imaginative use of models, drawings, photographs, traditional and contemporary art history, students will create three-dimensional sculptures in a variety of materials.

<b>Chamber Orchestra A, B &amp; C</b>	<b>60573 - 60574- 60575</b>
Prerequisites:	Audition
Grade:	9 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	60 mins (1 Hour)

Chamber Orchestra is our advanced string Ensemble. Students in Chamber Orchestra should be very committed and familiar with their instrument (throughout its range). To be eligible to be in this ensemble, students MUST audition and be enrolled for all three trimesters. For other eligibility requirements, see Audition Information & Requirements at <https://www.sagecreekmusic.org/chamber-orchestra.html>.

The literature performed in this ensemble ranges from traditional orchestral classics to arrangements, and modern compositions. Due to its challenging nature, students are expected to commit to a minimum of 7 hours of personal practice time per week (one hour per day). While it is not a requirement, students are encouraged to receive private instruction on their instrument.

\*\*\*On a case by case basis: if select students do not make the ensemble, but are close to the skill and dedication level, they may be allowed to enroll in the class as a "substitute". They would rehearse with the ensemble and perform if and when a substitute player is needed and possibly on some other occasions. Note: This is a good option for students who are hoping to join the ensemble in full during the next audition cycle. For this option, students would be required to be enrolled for 2nd and 3rd trimesters at minimum.

<b>Dance FA 1 A &amp; B</b>	<b>60560 - 60561</b>
Prerequisites:	None
Grade:	9 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	15 min

This course offers students an opportunity to learn basic dance techniques, dance history, and dance appreciation. Students need no prior dance experience to enroll in the class. Students will participate in a variety of dance styles including ballet, modern, musical theater, jazz, and social and cultural dance. A performance in the Fall Dance Show is required (although alternatives are offered).

<b>Dance FA 2 A &amp; B</b>	<b>60562 - 60563</b>
Prerequisites:	Audition or completion of Dance 1
Grade:	9 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	15 min

This course focuses on developing and performing more challenging dance techniques through a variety of dance styles including ballet, modern, musical theater, jazz, hip hop, and social and cultural dance. Students will also learn about alignment, stretch and strengthening, isolations, and dance vocabulary including the dance elements. A performance in the Spring Dance Show is required (although alternatives are offered).

<b>Dance FA 3 A &amp; B</b>	<b>60564 - 60565</b>
Prerequisites:	Audition
Grade:	9 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	15 min

This course develops advanced dance techniques through rigorous dance conditioning practices and performing more challenging dances in a variety of dance styles including ballet, modern, musical theater, jazz, hip hop, and social and cultural dance. Students also deepen their understanding of alignment, stretch and strengthening, isolations, and dance vocabulary including the dance elements. A performance in the Spring Dance Show is required (although alternatives are offered).

<b>Dance FA 4 A &amp; B</b>	<b>60566 - 60567</b>
Prerequisites:	Audition
Grade:	9 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	30 - 60 min

Dance 4 is the class our Dance Company takes and is for advanced dancers with extensive previous experience only. The Dance Company performs at Sage Creek athletic events, spirit events like pep rallies, and performs in community events as well as the Fall and Spring Dance Show. Students refine advanced dance techniques and execute and create sophisticated choreography.

<b>Digital Photography 1 A &amp; B</b>	<b>60512 - 60513</b>
Prerequisites:	None
Grade:	9 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	30 min

Digital Photography 1 A & B is articulated with MiraCosta College's Art 251 Digital Photography. Students can earn 3 units from MiraCosta College if they earn a B or higher on both their final exam/project and in the course. In addition, students must submit a MiraCosta College application and register for the course online via CATEMA; in-class support is provided for these steps.

Learn how to capture more visually compelling images and make the most of digital photographic technology. Beginning photographers will develop a solid foundation in photography, learning to use their camera as a tool to manipulate depth of field, motion and apply basic design and composition rules (or effectively break them). Students will receive an introduction to Adobe Lightroom, learning how to improve contrast, crop and resize photos and correct color casts post- production. In addition students will learn skills in Adobe Photoshop such as using layer masks, blending modes, etc., leading up to more intermediate editing techniques. Instruction, which is based on the California State Standards for the Visual Arts and CTE Arts, Media, and Entertainment, includes weekly shooting assignments, demonstrations, discussions, reflections and critiques. This course may be used for UC fine arts credit or as an elective.

<b>Digital Photography 2 A &amp; B</b>	<b>60514 - 60515</b>
Prerequisites:	Digital Photography 1 or portfolio audition
Grade:	10 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	30 min

Building on the skills learned in Digital Photo 1, students will strengthen technical abilities and further develop individual photographic style. It offers a continued study of photographic theory, composition, content development, digital camera/hardware handling, studio lighting, and industry standards for color management and printing techniques. Students explore photography as a visual language and expressive medium, and they observe industry practices through onsite visits to local business, galleries, and service bureaus. The course culminates with the creation and production of a professional portfolio of photographs. Instruction is based on the California State Standards for the Visual Arts and CTE Arts, Media and Entertainment, includes weekly shooting assignments, demonstrations, discussions and class critiques.

Digital Photography 2 A & B is pending Articulation with MiraCosta College's Art 253 Applied Digital Photography. Students can earn 3 units from MiraCosta College if they earn a B or higher on both their final exam/project and in the course. In addition, students must submit a MiraCosta College application and register for the course online via CATEMA; in-class support is provided for these steps.

<b>Instrumental Music A, B &amp; C</b>	<b>60530 - 60531- 60532</b>
Prerequisites:	None
Grade:	9 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	15-30 min

Students in this course may be at any level of musical experience (beginning to advanced). This is not a performance-based class, but students will perform for each other to demonstrate the skills and knowledge they have developed. During the course of this class, students will learn the basics of reading, writing, and interpreting music notation and theory, as well as building proficiency on Guitar, Ukulele, Piano, Percussion, and Voice. In addition to the physical aspect of playing an instrument, students will also examine diverse music from a historical and contextual perspective and learn about the careers that can be pursued in the field of music.

In the "B" section of this course, students will also learn the basics of music technology and production.

<b>Multimedia Journalism - A, B &amp; C</b>	<b>61150 - 61151 - 61152</b>
Prerequisites:	Completed application and teacher approval
Grade:	9 - 12
UC/CSU Approval:	"F"

This is a convergent journalism class in which students will write, direct, revise, produce, edit and film stories for both television and the web. Students will be introduced to the ever-evolving role of the modern journalist by mastering a variety of storytelling platforms: print, audio, film, web, and social media. Students will provide a dynamic news experience for the Sage Creek community, one that allows its audience to consume news stories from a variety of news media.

<b>Orchestra A, B &amp; C</b>	<b>60536 - 60537 - 60538</b>
Prerequisites:	At least beginning skills in playing an orchestra instrument
Grade:	9 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	30 min

As a member of the Orchestra, students will continue to develop their musicianship and technique by daily rehearsal and sight-reading. Students will learn the fundamentals of music theory. They will attend festivals, perform in 3-4 concerts per year and attend the symphony. Students are required to practice daily and perform in concerts. Students will also explore a variety of careers in music.

<b>Publication Journalism A, B &amp; C</b>	<b>61030 - 61031 - 61032</b>
Prerequisites:	B or better in English 8 or Adv. English 8; C or better in English 2, English 2H, English 3 or AP English Language Application must be filled out and approved before enrollment
Grade:	9 - 12
UC/CSU Approval:	"f" or "g"
Estimate of Average Daily Homework:	Outside time will be required for photos and interviews

In this course, students create and publish Sage Creek's school yearbook. They will learn advanced research skills, interviewing, copywriting and editing. They are responsible for the entire publication process, including brainstorming sessions, research, content, layout and design. Budget and records must be kept, ads sold, and money collected. Students will develop their collaboration, organization, communication and leadership skills. In addition to writers, the yearbook needs business managers, artists, photographers and computer technologists. **Students are required to enroll in this course for at least two trimesters. New students must take Section A and Section B. New students cannot add into the class without taking Section A first.**

<b>Wind Ensemble A, B &amp; C</b>	<b>60543 - 60544 - 60545</b>
Prerequisites:	Skills in playing a band instrument and teacher approval
Grade:	9- 12
UC/CSU Approval:	"f"
Estimate of Average Daily Homework:	30 min

Wind Ensemble is the performing ensemble for band students. Due to the challenging nature of wind band literature, outside personal practice and learning of parts is required. Emphasis is placed on the acquisition and refinement of more advanced instrumental techniques. The type of literature performed is designed for a small ensemble and focuses primarily on contemporary music. Student involvement in concert and performance activities will be part of the grading process for this course. Periodically there are special events, rehearsals or concerts during non-school hours. Participation in such activities is an essential extension of the requirement.

<b>Theater 1 A, B &amp; C</b>	<b>60550 - 60551 - 60568</b>
Prerequisites:	None
Grade:	9 - 12
UC/CSU Approval:	"f"
Estimate of Average Daily Homework:	30 min

The first and second trimester of Theater 1 include many facets of dramatic activity. Included are basic storytelling, voice and diction, reader's theater, pantomime, and improvisational exercises. Students study theater history including the origins of theater through contemporary film. Students collaborate on scene studies of various genres throughout the course and participate in a class play for the public. The third trimester of this course will include studying various forms of comedy, musical theater, and auditioning/participating in a Shakespeare play for the public.

<b>Theater 2 A, B &amp; C</b>	<b>60552 - 60553 - 60554</b>
Prerequisites:	Completion of Theater 1 or teacher approval
Grade:	9 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	30 min

With an emphasis on acting, this course offers the opportunity to strengthen skills by creating various lengths of performance material for audiences from short scenes to one act plays. Performances will include contemporary scenes and monologues, children's theater and a Shakespeare festival. Students must have a previous background in performance techniques through Theater 1 and/or the middle school theater courses. The content and curriculum varies from year to year, developing an array of technical skills and knowledge and can be repeated.

**Students are required to enroll in this course for all three trimesters.**

<b>Theater 3 A, B &amp; C</b>	<b>60555 - 60556 - 60557</b>
Prerequisites:	Completion of Theater 2 or teacher approval
Grade:	10 - 12
UC/CSU Approval:	"F"
Estimate of Average Daily Homework:	30 min

Theater 3 is a one-year course designed to provide training in vocal skills, physical movement, and characterization. Students continue to develop acting skills introduced in the Theater One and Two classes while writing and performing one-act plays and adapting non-theatrical literature for the stage. This class provides the opportunity to perform for the public in dramatic, comic and musical theater pieces. Students are required to participate in events outside of the school day.

**Students are required to enroll in this course for all three trimesters.**

<b>Technical Theater A, B &amp; C</b>	<b>60549 - 60558 - 60559</b>
Prerequisites:	One unit (equivalent to one year) required, chosen from one of the following categories: dance, music, theater, interdisciplinary arts, or visual arts (e.g., painting, web/graphic design, film/video, inter/multimedia arts).
Grade:	9 - 12
UC/CSU Approval:	"f"
Estimate of Average Daily Homework:	Minimal

Using text and demonstration, this course covers backstage fundamentals such as theater terminology, stage rigging, properties, sound, scenic construction and lighting to prepare students to participate on technical crews at the Sage Creek Performing Arts Center and other theaters. This course will also have a focus on the responsibilities of a stage manager and career options in technical theater. **Students will be expected to participate on the technical crew of at least one (1) Sage Creek High production.**

## WORLD LANGUAGE

<b>American Sign Language 1 A &amp; B</b>	<b>60601 - 60602</b>
Prerequisites:	"C" or better in 8 <sup>th</sup> grade English for incoming 9 <sup>th</sup> graders only
Grade:	9 - 12
UC/CSU Approval:	"e"
Estimate of Average Daily Homework:	30 min

Students will develop fundamental skills in ASL vocabulary and grammar to meet basic communication needs. Emphasis is placed on acquisition of both receptive and expressive skills focusing on presentational, interpretive and interpersonal communication. Vocabulary themes include introductions, all about me, school, sports, and activities inside and outside of the home, commands, food and giving directions to a location. In addition to learning the language, students will focus on knowledge of the Deaf community and the development of cultural awareness necessary for communication and interaction. Students will also gain an appreciation for the contributions of Deaf arts and humanities through the introduction of literature, folklore and the history of Deaf culture.

<b>American Sign Language 2 A &amp; B</b>	<b>60603 - 60604</b>
Prerequisites:	"C" or better in American Sign Language 1
Grade:	9 - 12
UC/CSU Approval:	"e"
Estimate of Average Daily Homework:	30 min

ASL 2 further develops vocabulary and communication with the use of presentational, interpretive and interpersonal communication skills. Students will increase their vocabulary and ability to use it in progressively more complicated structures, reinforcing use of previously learned material. Individual and group expressive and presentational activities will increase the creative use of the language. Some of the vocabulary themes include clothing, descriptions of people, personality traits, your community, making requests, giving advice, occupations and discussing abilities. This course emphasizes developing an understanding of the communication process through the study of culture, history, art, and literature of the Deaf Community.

<b>American Sign Language 3 A &amp; B</b>	<b>60605 - 60606</b>
Prerequisites:	"C" or better in American Sign Language 2
Grade:	9 - 12
UC/CSU Approval:	"e"
Estimate of Average Daily Homework:	30 min

ASL 3 prepares students for the more advanced structures and communication activities required at the intermediate level. This course is a continuation of the overview of American Sign Language through the study of real-world vocabulary and structures. Students continue to learn more in-depth vocabulary to support communication with deaf individuals using thematic units of study; they also learn how to express abstract concepts in ASL. Course includes receptive and expressive readiness activities, sign vocabulary, ASL grammatical structure, receptive and expressive fingerspelling, conversational behaviors and various aspects of Deaf culture. This course will continue to develop students' expressive skills in narrative dialogues with increased complexity. This course will encourage vocabulary building and creative language use in ASL. The course will focus on practice of grammar structures, spontaneous dialogues, and exposure to various signing styles through ASL storytelling.

<b>American Sign Language 4 Honors A &amp; B</b>	<b>60607 - 60608</b>
Prerequisites:	B or better in American Sign Language 3B
Grade:	10- 12
UC/CSU Approval:	"e"
Estimate of Average Daily Homework:	30 min

ASL 4(H) expands on the fluency of American Sign Language (ASL) vocabulary, idioms, manual and non-manual markers, social aspects of communication and grammar at an advanced level. Students will continue the study of classifiers, formal and informal registry, lexicalized fingerspelling, and abstract concepts in ASL through various thematic units of study. Students will be exposed to more spontaneous dialogues and narratives at a higher level of performance. To better develop students communication skills, this course emphasizes communication including vocabulary usage, language control, communication strategies, and cultural awareness through the target language. Students will learn skills through interaction with others using authentic materials provided in the target language. Introduction to interpreting for the deaf and career pathways in the field of ASL will be introduced.

<b>Spanish 1 A &amp; B</b>	<b>60630 - 60631</b>
Prerequisites:	for 1A: "C" or better in 8 <sup>th</sup> grade English for incoming 9 <sup>th</sup> graders only; for 1B: "C" or better in Spanish 1A
Grade:	9 - 12
UC/CSU Approval:	"e"
Estimate of Average Daily Homework:	15 - 30 min

Spanish 1 begins the development of the four communication skills of listening, speaking, reading and writing with basic vocabulary, grammar, and idiomatic expressions. Oral and written activities, both individual and group, provide practice to develop these skills. Some of the vocabulary themes include personality and physical characteristics, family, school, clothing, food, community places, typical student activities, weather, days, months, numbers, and time. Students learn the conjugation of present tense verbs, the "to be" verbs (ser and estar), common idiomatic expressions like "to have to do something" (tener + que + infinitive) and "to be going to do something" (ir + a + infinitive) and noun /adjective agreement. Students will begin learning past tense verb structures.

<b>Spanish 2 A &amp; B</b>	<b>60632 - 60633</b>
Prerequisites:	"C" or better in Spanish 1
Grade:	9 - 12
UC/CSU Approval:	"e"
Estimate of Average Daily Homework:	30 min

Spanish 2 further develops the four communication skills of listening, speaking, reading, and writing with basic vocabulary, grammar, and idiomatic expressions. Students will increase their vocabulary and ability to use it in progressively more complicated structures, reinforcing use of previously learned material. Individual and group oral and written activities increase the creative use of the language. Some of the vocabulary themes include daily routines, travel, dining in a restaurant, childhood and celebrations. Students learn affirmative commands, reflexive verbs, verbs in the past, present perfect, future, and conditional tenses.

<b>Spanish 3 A &amp; B</b>	<b>60634 - 60635</b>
Prerequisites:	"C" or better in Spanish 2
Grade:	9 - 12
UC/CSU Approval:	"e"
Estimate of Average Daily Homework:	30 min

Spanish 3 prepares the student for intermediate structures and communication activities required for advanced language study. Reading and writing is more extensive, and the emphasis is on activities that encourage creative use of the language orally and in writing. Grammar studies focus on narration in the past with refinement of the use of the preterit and imperfect tenses. The subjunctive mood is introduced and expanded to include the imperfect subjunctive. Other grammar topics include commands and use

of por and para. Vocabulary themes include cooking, childhood, life passages, manners, international travel, careers, health, fitness, and the environment.

<b>Spanish 4 Honors A &amp; B</b>	<b>60636 - 60637</b>
Prerequisites:	"C+" or better in Spanish 3, or teacher recommendation
Grade:	10 - 12
UC/CSU Approval:	"e"
Estimate of Average Daily Homework:	45 min

The purpose of this course is to increase proficiency in reading, writing, speaking, listening, and deepen intercultural competence. In level 4, students will explore the sub-AP themes of personal beliefs, global citizenship, ways of life, social consciousness, discoveries and inventions and language and literature. The curriculum is written for the intermediate proficiency level. Students will be exposed to real-world authentic texts paired with intermediate-level interpersonal and presentational performance tasks and assessments. The course will be conducted 90% in the target language.

<b>AP Spanish Language A, B &amp; Seminar</b>	<b>60638 - 60639 - 60640</b>
Prerequisites:	"C" or better in Spanish 4
Grade:	11 - 12
UC/CSU Approval:	"e"
Estimate of Average Daily Homework:	60 min

This course enables willing and academically prepared students to pursue a college-level Spanish curriculum. The AP Spanish Language course emphasizes communication including vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. Students will experience an exploration of culture in both contemporary and historical contexts. Students will prepare for the AP exam as they apply understanding of cultural information contained in a given written text or audio sample as well as their writing skills. Students will develop proficiency in their ability to communicate orally through (conversation and two-minute cultural comparison) as well as in written form (email reply and persuasive essay). **There will be a required summer assignment to complete this course.**

The A and B portion of AP classes are weighted; the required Seminar portion includes the taking of the AP Spanish exam and is a non-weighted elective credit.