

PINECREST ACADEMY
SLOAN CANYON

COURSE CATALOG

2019-2020



*Subject to Change

Pinecrest Academy Sloan Canyon

2019-2020

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General Information

Preregistration Information

The courses in this registration guide will be offered at Pinecrest Academy for the 2019-2020 school year. The courses listed in this guide will only be offered if an adequate number of students register for a course and if we are able to sufficiently provide staffing. If too few students enroll in a course, or we do not have the staffing required, it may be canceled, and those students will be rescheduled into their alternative elective courses. Students will not receive credit for repeating a semester of a course that they have previously passed. There are certain exceptions. See course descriptions to see which courses may be repeated for credit.

Students will be given the opportunity to request courses during a pre-registration period. Requests do not guarantee enrollment into a course. Priority registration will be given to upperclassmen and/or program parameters. **Choose classes carefully. No schedule change requests will be granted other than those governed by the Schedule Change Policy.**

In order to register effectively for classes next year, please read and follow these guidelines:

READ this entire registration guide and course catalog before you register.

DISCUSS your course selection with your parents and teachers before registration. Many courses require a teacher recommendation or prerequisite.

CHOOSE a four-year academic plan that will challenge you and give you the best preparation for your future education and employment. Consider your career interests as you make course selections. **Please keep in mind that yearlong courses mean just that – you are enrolled for an entire year. No changes will be made at the semester.** Please choose your courses carefully.

CHOOSE what electives you would like to take. Note, some elective course will require an audition, teacher recommendation, and/or application. Make alternative choices for your electives. In the event that some of your top-choice electives are filled, you will be assigned to your alternative choice(s) in the order you listed them to the greatest extent possible.

EVALUATE possible career goals using www.careeronestop.org (NVCIS) to determine post-high school education needed to meet your career interests. Research the requirements for the college/university or career goals you are considering ensuring that you are selecting appropriate courses. Review graduation requirements.

MEET individually with your counselor to discuss course selection, graduation requirements, and after high school plans.

You are responsible for notifying your counselor of summer school courses completed as soon as possible and providing transcripts for the courses that are taken off campus.

Students will be expected to remain in courses for the duration of the course. Exceptions such as graduation requirements and misplacement will be handled through the regular schedule change procedure.

Non-Discrimination Language

Pinecrest Academy of Nevada does not knowingly discriminate against any person on the basis of race, creed/religion, color, national or ethnic origin, sex, gender identity or expression, sexual orientation, disability, marital status or age, in admission or access to, treatment or employment in, or participation in its programs and activities, and provides equal access to the Boy Scouts of America and other designated youth groups, pursuant to federal and state laws.

Schedule Change Policy

Since much advance planning and guidance are provided for each student prior to registration, schedule changes will not be made after registration. Class changes will not be granted to accommodate a change in a student's lunch period or to request a specific instructor. Due to the State of Nevada Department of Education Guidelines, no student may change a class and receive credit after the third week of the semester. If a student is allowed to drop a class after this time, the student will receive an "F" grade in that class. Requests for schedule changes are considered during the first three weeks of the semester and are granted only for the following reasons:

- Fulfillment of graduation requirements
- Misplacement in an academic area according to ability
- Successful completion of summer school course work

Schedule Requirements

Prior to the selection of any electives, students must enroll in required courses they have failed. All students must enroll in seven courses a year. The only exceptions to this are as follows:

- High school students who play NIAA sports, not offered at Pinecrest Academy, at their zoned CCSD school may have an open 7th hour to attend required practices and/or games. Proof of participation must be submitted before an open period will be scheduled. Students with an early out for sports must provide their own transportation and leave campus as soon as their schedule is complete. External Credit Application must be submitted for a PE II waiver.
- Junior and Senior students may apply for a reduced course load if they are enrolled in the Dual Enrollment Program. However, all class periods must be consecutive. Students who qualify may request, but are not guaranteed, a late start or early dismissal. Students on a reduced schedule for Dual Enrollment must provide their own transportation and sign out when leaving campus. Seniors who meet college and career ready success guidelines are eligible for a reduced schedule. Students meeting these guidelines must submit an application during pre-registration and enroll in a minimum of four consecutive courses each semester of their senior year. Requirements for a reduced senior schedule [Per Assembly Bill 7 and 117]:
 - on track for a College and Career Ready Diploma (Advanced Diploma);
 - ACT scores of at least 18 in English and 22 in Math;
 - or SAT score of 500 in Critical Reading and 500 in Mathematics.

Prerequisites

Prerequisites are listed in the course catalog to help students and parents make the best educational decision possible. Students must meet these prerequisites to enroll in a course. Both semesters of the prerequisite course must be successfully completed. Pre-registration schedule adjustments will be made automatically should prerequisites not be met.

Associated Costs

Associated costs are charged for some elective classes where students complete special projects to be taken home. These associated costs cover the actual cost for projects. If the circumstances are such that alternatives to immediate payment of fees must be considered, please contact your child's counselor and/or teacher(s) so the school and parent can work together for a payment plan.

Attendance Requirement

With state mandated accountability, comes greater responsibility to young people. Students are required to attend all classes in which they are enrolled. Students with more than ten unexcused absences in any class may lose credit for that class.

External Credit Options

Students may earn credits beyond the regular school day by enrolling in any of the approved external programs. **All external credit options require prior approval from the school counselor and administration using the External Credit Application.**

External credits from the following programs are accepted when successfully completed in accordance with the Pinecrest Academy of Nevada's guidelines:

Dual Credit	High school credit can be earned for approved college or university courses not offered at Pinecrest Academy of Nevada. Typically, a three credit college/university course equals one unit of high school credit.
Pinecrest Distance Education Online Courses	Students may earn additional credits or retrieve credit for successful completion of online coursework. There is an associated cost for online courses.
Volunteer Service	½ an elective credit will be granted for volunteering 60 hours of time at an approved agency. Required documents must be completed and submitted.
Work Study	½ an elective credit will be granted for 60 hours of work study time at an approved company. Required documents must be completed and submitted.
Physical Education II Waiver	½ an elective credit will be waived for a 60 hour activity under the direct supervision of a qualified instructor/director/coach, who is credentialed or a licensed professional in that activity. In order for the sport/activity to be approved, it must be geared toward competition and it is expected that the student will compete. See Athletic Eligibility information.

Middle School Information

Middle School Credit Requirements

- Students in 6th grade must successfully pass one semester of the following courses for promotion to the next grade: ELA, mathematics, and science.
- Students in 7th grade must successfully pass one semester of the following courses for promotion to the next grade: ELA, mathematics, science, and social studies.

According to Nevada Administrative Code (NAC) 389.445:

- Students in 7th and 8th grade must successfully pass the following courses during the 7th and 8th grades for promotion to high school:
 - One and one-half units of credit in ELA (Reading/English) with a passing grade. (3 of 4 semesters)
 - One and one-half units of credit in mathematics with a passing grade; (3 of 4 semesters)
 - One unit of credit in science with a passing grade; and (2 of 4 semesters)
 - One unit of credit in social studies with a passing grade. (2 of 4 semesters)

An 8th grade student not meeting criteria for promotion to 9th grade and not meeting the criteria for academic probation may be retained in the eighth grade for the following school year without limitation. A retained eighth grade student may not be promoted mid-year.

Middle School Three Year Academic Plan

6th Grade	7th Grade	8th Grade
1. ELA 6	1. ELA 7	1. ELA 8
2. Math 6	2. Math 7	2. Pre-Algebra (or Algebra)
3. Science 6	3. Science 7	3. Science 8
4. Ancient History	4. U.S./ Nevada History	4. World Geography
5. PE/Computer Science and Applications	5. Flight and Space/STEM Career Explorations	5. PE and Health/Medical Detectives
6. Elective	6. Elective	6. Elective
7. Elective	7. Elective	7. Elective
8. Enrichment/Intervention	8. Enrichment/Intervention	8. Enrichment/Intervention

Notes: All middle school students will be enrolled in a double-blocked math course for the 19-20 school year. Middle school students will be required to enroll in a semester of Computer Science and Applications (for high school credit) and a semester of PE/Health at some point in 6th-8th grade.

Middle School Testing Requirements

All Pinecrest students are required to take the following assessments in middle school:

- SBAC for English and Math: students enrolled in 6th-8th grades
- CRT for Science: students enrolled in 8th grade
- EOC: students enrolled in Algebra I and Geometry
- PSAT 8/9: students enrolled in 8th and 9th grades

High School Information

Core Enrollment Expectations

Pinecrest Academy of Nevada strives to prepare students for success in post-secondary education and in the workforce by providing a rigorous curriculum. All high school students will be enrolled in the Core Enrollment Expectations (see table below) along with other diploma requirements. The expectations include a fourth year of math and a third year of science beyond the standard diploma requirements. The expectations are consistent with the Governor Guinn Millennium Studentship requirements, Nevada System of Higher Education (NSHE), and Nevada Revised Statute (NRS) 389.018.

CORE ENROLLMENT EXPECTATIONS	
CORE ENROLLMENT AREAS OF STUDY	UNITS
ENGLISH	4
MATHEMATICS (includes Algebra II or higher)	4
NATURAL SCIENCE	3
WORLD HISTORY	1
U.S. HISTORY	1
U.S. GOVERNMENT	1
Total	14

*This is not a diploma. Students that do not successfully complete the Core Enrollment Expectations may still earn a diploma.

The Core Enrollment Expectations provide the following for students:

- Opens doors to workforce and postsecondary educational opportunities.
- Meets Nevada System of Higher Education (NSHE) core requirements for admission.
- Prepares students for the new Nevada State Millennium Studentship core requirements.

Nevada System of Higher Education (NSHE) core requirements for admission:

- Grade Point Average (GPA) and Core Curriculum Requirements are:
 - 3.00 GPA (weighted or weighted with Bonus Points) in the core curriculum
 - Approved NSHE Core Curriculum (4 English, 3 Math – including Algebra I or higher, 3 Natural Science, 3 Social Science & History = 13 units)

Governor Guinn Millennium Studentship Requirements:

- GPA and Core Curriculum Requirements are:
 - 3.25 cumulative GPA (weighted or weighted with Bonus Points), 21 ACT Composite score, or 1070 combined (reading and math) SAT score and the core curriculum
 - Approved NSHE Core Curriculum (4 English, 4 Math – including Algebra II, 3 Natural Science, 3 Social Science & History = 14 units)
 - Students may not take coursework after graduation to meet Millennium Eligibility High School Graduation

Matriculation

Grade classification for high school students is determined by years in high school, not on credits earned. Students will be classified to the next grade level at the end of each school year.

Four Year Academic High School Plan

Each ninth grade student must have an approved four-year academic plan. The academic plan must set forth the specific educational goals that the student intends to achieve before graduation from high school. The plan may include, without limitation, enrollment in dual credit, Career and Technical Education, Advanced Placement (AP), and Pre-AP courses.

The ninth grade student and his/her parent or legal guardian are required to work in consultation with a school counselor to develop an academic plan, sign the academic plan, review the academic plan at least once each school year in consultation with a school counselor, and revise the plan if necessary.

For students enrolling in high school after ninth grade, an academic plan will be created with appropriate grade level modifications. The academic plan must be used as a guide for the student and the parent or legal guardian to plan, monitor, and manage the student's educational development and make determinations of the appropriate course of study. If a student does not satisfy all of the goals set forth in the academic plan, he/she is eligible to graduate and receive a high school diploma if requirements for a diploma are otherwise satisfied.

Suggested Program Sequence

The suggested program sequence to meet minimum graduation requirements is listed below. All accelerated eleventh and twelfth grade courses will be taken at CSN as part of the Dual Enrollment Program.

Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade
1. English	1. English	1. English	1. English
2. Math	2. Math	2. Math	2. Math
3. Science	3. Science	3. Science	3. U.S. Government
4. World History	4. U.S. History	4. CTE/Elective	4. Advanced CTE/Elective
5. PE I	5. Health & College Prep	5. Elective	5. Elective
6. CTE Course	6. PE II	6. Elective	6. Elective
7. Elective	7. CTE/Elective	7. Elective	7. Elective
8. Enrichment/ Intervention	8. Enrichment/ Intervention	8. Enrichment/ Intervention	8. Enrichment/ Intervention

High School Graduation Requirements

Each student will be working toward a state approved high school diploma. Students must meet the requirements of the minimum diploma type for graduation. Pinecrest Academy adheres to state requirements for graduation consideration.

College and Career Ready Diploma Requirements

Required Courses/Electives	Units
English	4
Mathematics (including Algebra II or higher)	4
Science	3
World History or Geography	1
U.S. History	1
U.S. Government	1
Physical Education	2
Health	½
Use of Computers	½
Arts & Humanities/CTE/JROTC	1
Electives	6
TOTAL	24

Students must complete the 24 credits indicated, including Algebra II or higher, and demonstrate the following:

- Maintained at least a 3.25 GPA, on a 4.0 grading scale, weighted or unweighted
- Successfully complete at least 2 units of course work in one or more of the following:
 - Advanced placement courses;
 - International baccalaureate courses;
 - Dual-credit courses;
 - Career and technical education courses;
 - Work-based learning courses; or
 - World/foreign language courses.
- Obtain at least one of the following endorsements:
 - A college-ready endorsement. To earn a college-ready endorsement, prior to graduation from high school, a pupil must meet the benchmark test scores established by the Board of Regents of the University of Nevada that should enable a pupil to place into college-level coursework as a postsecondary student. **Currently the benchmark is an ACT score of 18 in English and 22 in mathematics.*
 - A career-ready endorsement. To earn a career-ready endorsement, prior to graduation from high school, a pupil must:
 - Achieve the designated proficiency level on a career readiness assessment selected by the State Board of Education. The State Board of Education shall designate the minimum proficiency level that must be achieved on the selected assessment; or
 - Satisfy the requirements for the issuance of a certificate pursuant to subsection 4 of NAC 389.800; or
 - Obtain an industry-recognized credential as adopted by the State Board of Education.

Advanced Honors Diploma Requirements

Required Courses/Electives	Units	Honors Units
English	4	3
Mathematics (including Algebra II or higher)	4	2
Science	3	2
World History or Geography	1	2
U.S. History	1	
U.S. Government	1	
Physical Education	2	-
Health	½	-
Use of Computers	½	-
Foreign Language	2	1
Arts & Humanities/CTE/JROTC	1	2*
Electives	4	
TOTAL	24	12

*Honors electives can be core classes taken in addition to the above requirements. For example, students are only required to have 3 Honors English classes, however, if they take a fourth Honors English, that would fall into the elective category.

Students must complete the 24 credits indicated, including Algebra II or higher, and demonstrate the following:

- Maintained at least a 3.25 GPA, on a 4.0 grading scale, unweighted, and a 3.85 GPA, on a 4.0 grading scale, weighted

Advanced Diploma Requirements

Required Courses/Electives	Units
English	4
Mathematics (including Algebra II or higher)	4
Science	3
World History or Geography	1
U.S. History	1
U.S. Government	1
Physical Education	2
Health	½
Use of Computers	½
Arts & Humanities/CTE/JROTC	1
Electives	6
TOTAL	24

Students must complete the 24 credits indicated, including Algebra II or higher, and demonstrate the following:

- Maintained at least a 3.25 GPA, on a 4.0 grading scale, weighted or unweighted

Standard Diploma Requirements

~ Classes of 2019-2021 ~	
Required Courses	Units
English	4
Mathematics	3
Science	2
World History/Arts & Humanities/CTE	1
U.S. History	1
U.S. Government	1
Physical Education	2
Health	½
Use of Computers	½
Electives	7½
TOTAL	22.5

~ Classes of 2022 & Beyond ~	
Required Courses	Units
English	4
Mathematics	3
Science	2
World History/Arts & Humanities/CTE	1
U.S. History	1
U.S. Government	1
Physical Education	2
Health	½
Use of Computers	½
College and Career Flex Credit*	2
Electives	6
Total	23

*Flex credits can be: a 2nd or 3rd year CTE concentrator course in one program of study, or a 4th year of math (including Algebra II or higher), or a 3rd year of science, or a 3rd year of social studies.

State Seal of STEM and STEAM Programs

SB 241 enacted in 2017, established the State Seal of STEM and STEAM Programs to recognize pupils who attain a high level of proficiency in science, technology, engineering, the arts and mathematics.

The Superintendent of Public Instruction shall establish a State Seal of STEM and STEAM Programs to recognize pupils who graduate from a public high school, including, without limitation, a charter school and a university school for profoundly gifted pupils, who have attained a high level of proficiency in Science, Technology, Engineering and Mathematics for a STEM seal; and students who have attained a high level of proficiency in Science, Technology, Engineering, the Arts, and Mathematics, for a STEAM seal, and shall:

- Create a State Seal of STEM and/or STEAM that may be affixed to the diploma and noted on the transcript of a pupil to recognize that the pupil has met the requirements of SB 241; and
- Deliver the State Seal of STEM and/or STEAM to each school district, charter school and university school for profoundly gifted pupils that participates in the State Seal of STEM and STEAM Programs.

Requirements for STEM Seal

Earns at least a 3.25 grade point average, on a 4.0 grading scale, or a 3.85 weighted grade point average, on a grading scale approved by the Superintendent of Public Instruction if a different grading scale is used.

Demonstrates proficiency in science, technology, engineering and mathematics by earning:

- At least 4 credits in science;
- At least 4 credits in mathematics;
- At least 1 credit in computer science, engineering, manufacturing, electronics or a career and technical education program of study in information and media technologies or skilled and technical sciences;

any **one** of the following:

- A score of 3 or higher on an advanced placement examination in **science**;
- A score of 4 or higher on an international baccalaureate examination in **science**;
- A score of 650 or higher on a SAT Subject Test in **science**;
- A score of 23 or higher on the ACT in **science**;
- A grade of B or higher in a college-level **science** course completed through dual enrollment; or
- A score of gold or higher on the ACT National Career Readiness Certificate; **and**

any **one** of the following:

- A score of 3 or higher on an advanced placement examination in **mathematics**;
- A score of 4 or higher on an international baccalaureate examination in **mathematics**;
- A score of 530 or higher on the SAT in **mathematics**;
- A score of 22 or higher on the ACT in **mathematics**;
- A grade of B or higher in a college-level **mathematics** course completed through dual enrollment; or
- A score of gold or higher on the ACT National Career Readiness Certificate.

High School Course of Action for Credit Deficient Students

Students who are credit deficient will be placed on a credit retrieval plan. This will be handled on an individual basis. Possible interventions include, but are not limited to:

- Credit acquisition in a summer program or school approved online program. The family will fund this option.
- Mandatory recovery courses in conjunction with the general requirements during their following academic year. There is no charge for this option if the needed courses are available during the school day. If the course is full or unavailable, the family will need to fund an online credit retrieval option. Additionally, after one re-attempt during the school day, students will be required to take the third attempt online and the family will fund this option.
- Students who are not on track to graduate by the end of the first semester of their fourth year of high school are encouraged to enroll in Adult Education to pursue graduation. To receive an Adult Standard Diploma signifying graduation, the student must fulfill requirements designated by the Nevada State Board of Education as outlined in the Nevada Administrative Code (NAC) 389.688.

Duplicated Course Work

A student may repeat a course but shall not receive additional credit for the repeated course (exceptions for certain electives may be approved by administration). The higher grade shall be recorded on the permanent record and the lower grade will be replaced with a repeated course notation.

Distinguished Courses

Pre-AP Program

- The Pinecrest Academy of Nevada Pre-AP Program offers consistent, high standards in focused courses that help build, strengthen, and reinforce students' content knowledge and skills.
- Pre-AP offers schools instructional frameworks and resources, student practice, and formative assessments in motivating, engaging courses that give all students the chance to become AP and college ready.

Honors Courses

- Most competitive colleges and universities consider not only students' grades, but also their academic background evidenced by courses listed on the transcript, letters of recommendation from teachers and counselors, and SAT or ACT scores.
- Enrollment in Honors courses will assist students in their preparation for college entrance exams.
- The GPA with Bonus Points is used when determining ranking in class. Students may take Honors/Advanced Placement courses even if they have not chosen to complete the requirements for the Advanced Honors Diploma.

Advanced Placement Courses

The Advanced Placement (AP) Program is a cooperative educational endeavor with the College Board in Princeton, New Jersey, for academically talented students. Through this program, students in high school take courses that have been developed with college-level material and expectations. Since the curriculum goes into more depth than the regular level courses, there is a greater opportunity for individual progress and achievement. The AP examinations are given each May. All examinations consist of an essay or problem-solving section and a series of multiple-choice questions. At the completion of the course, each student is highly encouraged to take this examination at an approximate cost of \$91.00 per exam. (Students should speak with their counselor if they have a financial hardship). Advanced Placement exams are developed by the Educational Testing Service. The College Board grades the exams and scores are given on the following basis:

- Five (5) Extremely well qualified
- Four (4) Well qualified
- Three (3) Qualified
- Two (2) Possibly qualified
- One (1) No Recommendation

The student should refer to the college catalog for the policy of the colleges he/she is planning to attend. Awarding of college credit(s) is at the discretion of each university. A score of three to five may enhance the student's opportunity for a studentship and for university admissions.

Dual Enrollment Courses

The Dual Enrollment Program is for qualified high school students that want to get a head start on their higher education. Participating students are eligible to earn both high school and college credit simultaneously. The application process includes the following requirements:

- Students should have a minimum 2.5 GPA
- Students must be on track to graduate, passing all core classes including Algebra I and Geometry
- Students must submit all of the following by the required deadlines:
 - CSN Application
 - Pinecrest Application
 - Entrance Essay
 - Letter of Recommendation
- See Appendix for the Dual Enrollment Correlation Guide with more information on how credit and bonus points is awarded for each CSN class.

Weighted Courses

Students will earn a weighted bonus point factor for successful completion of Honors, Advanced Placement (AP), and Dual Enrollment courses as follows:

- Honors (H) = 0.025 bonus points per semester
- Advanced Placement (AP) = 0.05 bonus points per semester
- Dual Credit = 0.025 bonus points per high school semester credit; approved courses only
- Effective with the class of 2020 and beyond, there is no cap on a weighted GPA

High School Testing Requirements

End of Course Examinations (EOC)

The Nevada State Board of Education has approved recommendations related to the transition from End of Course (EOC) examinations to End of Course finals as required by AB 7 from the 2017 legislative session.

The EOC final will be administered in the associated courses:

- Math I–Algebra I or an equivalent course that has been state approved
- Math II–Geometry or an equivalent course that has been state approved
- ELA–English 10 or an equivalent course that has been state approved

Percentage of Final Grade

The State Board adopted a phased implementation of the minimum weight of the EOC final:

- 2019–20 School Year: 15% of course grade.
- 2020–21 School Year and Beyond: 20% of course grade.

State Science Exam

Science is a federally required exam in grades 5, 8, and high school. This exam will remain the federally reported Nevada Science assessment offered in high school. Administration of the high school Science assessment will be administered online, scored by the vendor, and reported by the vendor. The high school Science assessment is based on life science content and will be made available to accommodate district testing needs. The high school Science assessment will be a point earning measure used within the Nevada School Performance Framework.

ACT

All Nevada juniors enrolled in a Nevada high school must participate in the ACT exam.

The Nevada State Board of Education selected the ACT as Nevada's College and Career Readiness Assessment (CCR). Since this is an actual college entrance exam, results from this assessment can be submitted for college entrance by the student to their college or university of choice. The Nevada Board of Regents adopted a policy guaranteeing that students whose results on the ACT or SAT (in high school) meet specified college-ready benchmarks will be placed directly into college-level math and English courses and are exempt from being placed into remediation. ACT scores will not be used to determine graduation eligibility; however, cut scores provided by the state will determine a student's eligibility to have a reduced caseload as a senior. Participation in the ACT with Writing is required. All Nevada students who were enrolled as juniors during the ACT testing window, and seniors who have not yet taken the ACT and were enrolled during this window, will participate free of charge.

The ACT consists of multiple choice questions in four areas (English, mathematics, reading and science) and a written essay. The test will be administered at the student's school during the regular school day.

PSAT 8/9

The PSAT 8/9 helps students determine what they need to work on most so that they're ready for college when they graduate from high school—and it supports educators as they guide the way. The PSAT 8/9 tests the same skills and knowledge as the SAT, PSAT/NMSQT, and PSAT 10—in a way that makes sense for eighth and ninth graders. It measures what they're already learning, shows them whether they're on track for college, and lets them know where they need the most improvement. That means students have time to tackle these areas long before they take the SAT.

PSAT/NMSQT

Taking the PSAT in the sophomore and junior year supports the involvement of all students in the college-going process at an earlier age, while there is still time to inform instruction and learning, and increase students' readiness for college expectations. Additionally, earlier involvement in the program exposes students to a wealth of college planning and preparation tools to get and keep them actively involved in the process. The PSAT taken as a junior is used to identify National Merit Scholarship Semi-finalists. All Sophomore and Junior Pinecrest Academy students will have the opportunity to take the PSAT in October. The cost is estimated at \$16 per student. Those who wish to take the exam can sign up with the school counselor in September.

Graduation Recognition

Valedictorian & Salutatorian Identification of Valedictorian(s) and Salutatorian(s)

- Valedictorian(s), students(s) with the highest grade point average (weighted GPA) in the graduating class, and Salutatorian(s), students with the second highest grade point average in the graduating cohort, will be identified as candidates at the end of the fall semester of their graduating year.
- Final Valedictorian(s) and Salutatorian(s) will be determined based on the completion of all high school credit course work.

Associate's Degrees

Graduating seniors will be given special recognition at graduation ceremonies if they earn an Associate's Degree through our Dual Enrollment Program.

Honors & High Honors

Graduating seniors will be given special recognition at graduation ceremonies if they achieve Honors or High Honors status. This will be based on the student's cumulative grade point average (weighted) from 8th grade equivalent credits through the seventh semester (first semester of the senior year). Honors status is given to students earning a 3.5 to 3.79 weighted GPA and High Honors status is given to those earning a 3.8 or higher weighted GPA.

Student Athlete

At the conclusion of each sports season, Varsity athletes are recognized for their outstanding performance in the classroom. Students participating on an Interscholastic Varsity team who earn a minimum of 3.5 Grade Point Average for the semester are eligible for this award. The grade point average for Fall athletes will be based on the previous spring semester. Winter and Spring athletes will earn a Student Athlete patch/certificate with the grade point average based on the fall semester of the current year.

Athletic Eligibility Information

NCAA Initial Eligibility Requirements

In order to participate in collegiate athletics, students must register with the NCAA at www.eligibilitycenter.org. This should be initiated in the student's junior year. NCAA Division I and Division II require 16 core courses. See the charts below.

NCAA Division I will require 10 core courses to be completed prior to the seventh semester (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become "locked in" at the start of the seventh semester and cannot be retaken for grade improvement. Division I core GPA required to be eligible for competition on or after August 1, 2016, is 2.300.

The Division I ACT/SAT minimum score is determined by the core GPA on the Division I sliding scale. Division II requires a minimum SAT score of 820 or ACT sum score of 68 and a core GPA of 2.0. Beginning August 1, 2018, Division II core GPA to be eligible for competition is 2.200. Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA.

Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.

Required Courses*	Division I	Division II
English	4	3
Mathematics (Algebra I or higher)	3	2
Science (at least 1 lab science)	2	2
Additional From Above	1	3
Social Studies	2	2
Additional Core Courses**	4	4

*Remedial, special education, compensatory or related courses do not qualify for initial eligibility

**From any core area, foreign language, comparative religion or philosophy.

NAIA Eligibility Center

Every student interested in playing sports at an NAIA college, needs to register and have their eligibility to play determined. NAIA governs athletics at a group of nearly 300 smaller colleges and universities. NAIA eligibility is separate from NCAA eligibility certification and is ONLY for this different group of lower enrollment schools. Go to the NAIA website at PlayNAIA.org to register. To be eligible, students must meet the school's admission standards equal to or higher than those applied to the general student body plus meet a minimum combination of ACT or SAT scores, grade point average and/ or class rank. Additional specific eligibility guidelines are contained in Nevada Interscholastic Activities Association regulations (NAC 386.776-386.855) or visit the website at www.niaa.com.

Physical Education Waiver Requirement

A maximum on ONE credit of Physical Education II (P.E. II) Waiver credit may be earned toward graduation if a student actively participates in and completes an authorized school activity of one hundred-twenty (120) hours of participation. Students may earn P.E. II Waiver credit by two methods.

Option 1: Students may earn a P.E. II Waiver if they participate in and complete one of the school-sponsored activities/athletics listed below:

Full P.E. II Waiver (120 hours)

- Basketball
- Cheer
- Color Guard
- Cross Country
- Girls Flag Football
- Marching Band
- Girls Volleyball
- Boys Volleyball

Half P.E. II Waiver (60 hours)*

- Archery
- Boys Flag Football
- Soccer
- Track & Field

*If a student completes only a half PE Waiver, they may earn their additional waiver by playing that sport again in a future year, or playing another sport from the half waiver list.

Option II: Students may also earn P.E. Waiver credit by completing 120 hours of external course work under the direct supervision of a qualified instructor or coach who is a credentialed and/or licensed professional outside of Pinecrest Academy. Use of external credit for the P.E. Waiver credit requires completion of the External Credit Application. The activity must be geared toward competition or performance-based and it is expected that the student will compete/perform in the activity. Membership in a gym does not meet this criterion. This includes those that play sports for their CCSD zoned school.

Planning for the Future

Career and Technical Education Program (CTE)

CTE College Credit provides an opportunity for Nevada students who complete a Career and Technical Education (CTE) program of study to earn college credit while still in high school. The college credit awarded is designed to give students a head start on their pathway towards completing requirements within an industry certification, certificate of achievement or an associate degree. CTE College Credit gives students the ability to minimize the repetition of similar coursework in college and save money. Credits are based on statewide articulation agreements established by each college for the CTE pathway that best aligns with the courses offered.

In order to apply eligible students must earn the State Certificate of Skill Attainment by completing the following criteria:

1. Earn a 3.0 grade point average in their CTE course sequence;
2. Pass the state end-of-program technical content assessment; and
3. Pass the state Workplace Readiness assessment for employability skills Eligible students can apply for college credit within three (3) years of their high school graduation. The following pages list the possible credits that may be earned from the College of Southern Nevada (CSN). They are the most current as of the date of publication and are subject to change. For additional information, contact CSN.

CSN Articulated Credits

(Updated Spring 2019)

Aviation Technology

- AV 100B - Aviation Orientation (3 CR)
- AV 110B - Private Pilot Ground School (4 CR)

Computer Science

- CIT 130 - Beginning Java (3 CR)
- IS 115 - Intro to Programming (3 CR)

Cybersecurity

- CIT 114B - IT Essentials (4CR)
- CF 117B - Computer Forensics (3 CR)
- CSEC 101B - Incident Handling & Response (3 CR)
- CIT 112B - Network + (3 CR)

Health Science

- EMS 108B - Emergency Medical Technician Training (8 CR)
- EMS 150B - EMT Clinical Practice (1 CR)
- Limited Entry Program Point Award: Students choosing to pursue the CSN AAS Paramedic Medicine program will be awarded 1 point in the program's Limited Entry Admission Application.

Community College Information

Community colleges, sometimes called junior colleges, offer two-year programs which lead to an Associate of Arts or Science Degree and/or a Certificate of Achievement. A high school diploma or its equivalent is recommended for admission.

College & University Admission

Students planning to go to college should take a rigorous course of study throughout high school. Minimum graduation requirements may not qualify students for admission to the college of their choice. For information concerning specific admission requirements, students and their parents should consult their guidance counselor, university websites, and/or college catalogs. Students should utilize their counselor for complete and thorough college and career planning.

College Financial Aid

Listed below are four basic types of financial aid available to help defray the costs of college education. This is a very general outline on financial aid. For information on specific studentships or programs, please contact your counselor.

Scholarships are monetary awards the student earns and does not have to repay. The student's high school courses (including AP and Honors courses), grade point average, financial need, and college entrance examination scores (ACT, SAT), and essays weigh heavily in determining recipients.

Grants are monetary awards based on need. Need is determined from information on the Free Application for Federal Student Aid (FAFSA). Grants need not be repaid.

Work study is employment on or near campus on a part-time basis. Often the university or college makes an effort to place the student in a job related to his/her major. Student Loans are low-interest monies students can borrow to attend college. A loan must be repaid.

Military Information

Military personnel visit the Pinecrest Academy campus during the school year. Generally, all of the armed service branches have representatives available to answer student questions regarding a potential career in the military. Pinecrest Academy's counselors can also provide information to interested students. The ASVAB test is an optional exam utilized by the military to assess student interests, abilities, and aptitude for future career options.

Governor Guinn Millennium Scholarship Program

The State of Nevada's Governor Guinn Millennium Scholarship Program provides financial support to Nevada's high school graduates who plan to attend an eligible Nevada community college, state college, or university. You may receive up to a maximum award of \$10,000 for undergraduate coursework during the six years following your high school graduation. There is no application form to complete. If you meet all Millennium Studentship requirements upon high school graduation, Pinecrest Academy will submit your name

to the Office of the State Treasurer. You will receive an award notification in early August. A fact sheet on policy guidelines and requirements for eligibility can be obtained by calling 1-888-477-2667 or by visiting the website at: www.nevadatreasurer.gov. Please note that this information is subject to any changes in state law, policies adopted by the NSHE Board of Regents, availability of funding, and any related matter hereto.

College Entrance Tests and Course Requirements

Most colleges and universities require the following minimum preparatory program:

- 4 credits in English
- 3 credits in Math (Algebra, Geometry, and Algebra II)
- 3 credits of lab science (Biology, Chemistry, and Physics)
- 3 credits of social studies (U.S. & World History, U.S. Govt.)
- 2 to 4 credits of World Language
- One semester course in computer literacy and one semester in Health
- Many colleges also require 1 credit in Fine Arts
- ACT and SAT Exams taken in the spring of the students junior year

COURSE DESCRIPTIONS

Foundations of Art I

This yearlong middle school art course builds upon the foundation developed in the elementary grades. Students are exposed to all different types of art mediums that include but are not limited to: oil pastels, watercolor/acrylic paints, printmaking, colored markers/pencils, sculpture, and so much more!

Grade Level: 6-8 MS Credit Type: Elective
Associated Cost: \$10 Prerequisite: None

Art I

Art I is a yearlong course designed to provide a foundation for advanced courses. It is an introduction to the skills and understandings needed as a background for all other art courses. This course is a prerequisite for all other high school art courses. The creativity limits of students will be pushed to the max!

Grade Level: 9 HS Credit Type: Arts & Humanities or Elective
Associated Cost: \$15 Prerequisite: None

Anticipated Art coming soon to Pinecrest Sloan Canyon...

2020-2021

Drawing and Painting (Art II)

Grade Level: 10-12

Foundations of Art II

Grade Level: 7-8

2021-2022

Oil and Watercolor Painting (Art III)

Dual Enrollment Art or Humanities Course

Grade Level: 11-12

2022-2023

Dual Enrollment Art or Humanities Course

Grade Level: 12

CAREER AND TECHNICAL EDUCATION

CTE College Credit provides an opportunity for secondary students who complete state-approved credits in CTE to earn postsecondary credit at no cost to the student. CTE College Credit is articulated credit. The high school course work is aligned to postsecondary courses and the teacher of record is a high school CTE teacher.

To qualify for the CTE College Credit, students must:

1. Earn a 3.0 GPA in the CTE course sequence.
2. Pass the state end-of-program technical content assessment.
3. Pass the state Workplace Readiness assessment for employability skills.

Students who complete a CTE program of study according to the criteria are eligible to earn the CTE College Credit within three years of graduating high school and upon admission to the postsecondary institution. The amount of credit is dependent upon the state standards for each high school CTE program and how the standards align to the college courses for a certificate or degree in a related career pathway.

Anticipated CTE coming soon to Pinecrest
Sloan Canyon...

2020-2021

Aviation Technology II
Grade Level: 10-12

Cybersecurity II
Grade Level: 10-12

Computer Science II
Grade Level: 10-12

Emergency Medical Services
(Health Science II)
Grade Level: 10-12

2021-2022

Aviation Technology III
Grade Level: 11-12

Cybersecurity III
Grade Level: 11-12

Computer Science III
Grade Level: 11-12

Emergency Medical Services
(Health Science II)I
Grade Level: 11-12

2022-2023

Aviation Technology Advanced Studies
Grade Level: 12

Cybersecurity Advanced Studies
Grade Level: 12

Computer Science Advanced Studies
Grade Level: 12

Aviation Technology I

This yearlong course is designed as an introduction to general aeronautics. It includes the study of physical mathematics, weight and balance, FAA regulations, common and special tools and measuring devices, fluid lines, hardware, aircraft servicing, and documentation (FAR Part 65). This course is also designed to expand and to prepare the prospective A&P technician for the electrical portion of the Oral and Practical exam in obtaining an FAA certified license. Provide basic information on the principles, fundamentals and technical procedures in the areas of aircraft, aerospace and aviation professions. Students will learn the history of flight, developmental trends, the principles of flight and navigation, the flight environment of an aerospace vehicle, the missions and roles of today's aerospace vehicles, the fundamentals of rocketry and space travel, and the physiology of flight. The appropriate use of technology and industry-standard equipment is an integral part of this course.

Grade Level: 9-10 HS Credit Type: CTE or Elective
 Associated Cost: \$30 Prerequisite: None

Issued: 09/21/17



AVIATION TECHNOLOGY - Program of Study -

Career Cluster: Transportation, Distribution & Logistics

Career Pathway: Transportation Operations

This Academic Plan is based upon the state requirements needed for an Advanced Diploma. Academic course names may vary among school districts.

Grade	1 st Course	2 nd Course	3 rd Course	4 th Course	5 th Course	6 th Course (CTE)
9 th Grade	English I	Algebra I	Biology	Health / Computer Literacy	Physical Education	Aviation Technology I
10 th Grade	English II	Geometry	Chemistry or Geoscience	World History	Physical Education	Aviation Technology II
11 th Grade	English III	Algebra II	Science Course or Elective ¹	US History	Foreign Language ² or Elective ¹	Aviation Technology III ³
12 th Grade	English IV	Senior Level Math Course	Elective ¹	US Government	Foreign Language ² or Elective ¹	Aviation Technology Advanced Studies

¹ Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

² Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

³ CTE Assessments will be administered during the completion level CTE course.

Career and Technical Student Organizations	Work-Based Learning	CTE Assessments
SkillsUSA	Job Shadowing / Internship / Work Experience / Career Days / Career Fairs / Field Trips / Guest Speakers	1) End of Program Technical Assessment for Aviation Technology 2) Workplace Readiness Skills Assessment (for Employability Skills Standards)

Postsecondary Options	State Articulation Agreements for CTE College Credit
College of Southern Nevada / Great Basin College / Nevada State College / Truckee Meadows Community College / University of Nevada, Las Vegas / University of Nevada, Reno / Western Nevada College	Secondary Program Requirements Student must earn the state Certificate of Skill Attainment in Aviation Technology. Postsecondary Credit Options College of Southern Nevada 7 Credits

High Wage - High Skill - High Demand Careers	State Recognized Industry Certifications
Transportation Manager / Commercial Pilot / Flight Engineer / Dispatcher / Traffic Manager / Air Traffic Controller / Airfield Operations Specialist	Refer to the Governor's Office of Workforce Innovation's Nevada Eligible Industry Credentialing List

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AP Computer Science Principles

The AP Computer Science Principles yearlong course introduces students to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computing, students will learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society. The AP CSP course is organized around seven big ideas, which are essential to studying computer science; creativity, abstraction, data and information, algorithms, programming, the internet, and global impact.

It is expected that students will take the AP exam in May. AP Exam estimated cost is \$94.

Grade Level: 9-10

HS Credit Type: CTE, Use of Computers, or Elective

Associated Cost: AP Exam

Prerequisite: None

Issued: 12/13/18



COMPUTER SCIENCE - Program of Study -

Career Cluster: Information Technology

Career Pathway: Programming and Software Development

This Academic Plan is based upon the state requirements needed for an Advanced Diploma. Academic course names may vary among school districts.

Grade	1 st Course	2 nd Course	3 rd Course	4 th Course	5 th Course	6 th Course (CTE)
9 th Grade	English I	Algebra I	Biology	Health / Computer Literacy	Physical Education	Computer Science I- or - AP Computer Science Principles
10 th Grade	English II	Geometry	Chemistry or Geoscience	World History	Physical Education	Computer Science II
11 th Grade	English III	Algebra II	Science Course or Elective ¹	US History	Foreign Language ² or Elective ¹	Computer Science III ² - or - AP Computer Science ³
12 th Grade	English IV	Senior Level Math Course	Elective ¹	US Government	Foreign Language ² or Elective ¹	Computer Science Advanced Studies

¹ Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

² Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

³ CTE Assessments will be administered during the completion level CTE course.

Career and Technical Student Organizations	Work-Based Learning	CTE Assessments
SkillsUSA	Job Shadowing / Internship / Work Experience / Career Days / Career Fairs / Field Trips / Guest Speakers	1) End of Program Technical Assessment for Computer Science 2) Workplace Readiness Skills Assessment (for Employability Skills Standards)

Postsecondary Options	State Articulation Agreements for CTE College Credit								
College of Southern Nevada / Great Basin College / Nevada State College / Truckee Meadows Community College / University of Nevada, Las Vegas / University of Nevada, Reno / Western Nevada College	<p>Secondary Program Requirements Student must earn the state Certificate of Skill Attainment in Computer Science.</p> <p>Postsecondary Credit Options</p> <table border="0"> <tr> <td>College of Southern Nevada</td> <td>6 Credits</td> <td>Truckee Meadows Community College</td> <td>9 Credits</td> </tr> <tr> <td>Great Basin College</td> <td>12 Credits</td> <td></td> <td></td> </tr> </table>	College of Southern Nevada	6 Credits	Truckee Meadows Community College	9 Credits	Great Basin College	12 Credits		
College of Southern Nevada	6 Credits	Truckee Meadows Community College	9 Credits						
Great Basin College	12 Credits								

High Wage - High Skill - High Demand Careers	State Recognized Industry Certifications
Programmer / Software Engineer / Program Manager / Software Applications Specialist / Systems Analyst / Software Developer / Computer Engineer / Data Modeler	Refer to the Governor's Office of Workforce Innovation's Nevada Eligible Industry Credentialing List

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Cybersecurity I

This yearlong course covers the fundamentals of computer hardware and software, as well as topics in design, maintenance, and repair. Students who complete this course will be able to describe the internal components of a computer, assemble a computer system, install an operating system, and troubleshoot using system tools and diagnostic software. This course prepares students for CompTIA's A+ industry certification.

Grade Level: 9-10

HS Credit Type: CTE, Use of Computers, or Elective

Associated Cost: Certification fees

Prerequisite: None

Issued: 1/18/18



CYBERSECURITY - Program of Study -



Career Cluster: Information Technology

Career Pathway: Network Systems

This Academic Plan is based upon the state requirements needed for an Advanced Diploma. Academic course names may vary among school districts.

Grade	1 st Course	2 nd Course	3 rd Course	4 th Course	5 th Course	6 th Course (CTE)
9 th Grade	English I	Algebra I	Biology	Health / Computer Literacy	Physical Education	Cybersecurity I
10 th Grade	English II	Geometry	Chemistry or Geoscience	World History	Physical Education	Cybersecurity II
11 th Grade	English III	Algebra II	Science Course or Elective ¹	US History	Foreign Language ² or Elective ¹	Cybersecurity III ³
12 th Grade	English IV	Senior Level Math Course	Elective ¹	US Government	Foreign Language ² or Elective ¹	Cybersecurity Advanced Studies

¹ Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

² Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

³ CTE Assessments will be administered during the completion level CTE course.

Career and Technical Student Organizations	Work-Based Learning	CTE Assessments
FBLA / SkillsUSA	Job Shadowing / Internship / Work Experience / Career Days / Career Fairs / Field Trips / Guest Speakers	1) End of Program Technical Assessment for Cybersecurity 2) Workplace Readiness Skills Assessment (for Employability Skills Standards)

Postsecondary Options	State Articulation Agreements for CTE College Credit
College of Southern Nevada / Great Basin College / Nevada State College / Truckee Meadows Community College / University of Nevada, Las Vegas / University of Nevada, Reno / Western Nevada College	Secondary Program Requirements Student must earn the state Certificate of Skill Attainment in Cybersecurity. Postsecondary Credit Options To Be Determined

High Wage - High Skill - High Demand Careers	State Recognized Industry Certifications
IT Technician / Help Desk Support / Network Administrator / Cybersecurity Analyst / Security Architect / Cyber Strategy Analyst	Refer to the Governor's Office of Workforce Innovation's Nevada Eligible Industry Credentialing List

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Emergency Medical Technician (EMT)

Health Science I

This year-long course will introduce students to human structure and function. Areas of study include anatomy, healthcare delivery systems, medical terminology, emergency management, health information technology, and legal practices. The appropriate use of technology and industry-standard equipment is an integral part of this course.

Grade Level: 9-10

Prerequisite: None

Associated Cost: \$30/Certification Fees

Credit Type: CTE, Use of Computers, or Elective

Issued: 09/21/17



EMERGENCY MEDICAL TECHNICIAN - Program of Study -

Career Cluster: Health Science

Career Pathway: Therapeutic Services

This Academic Plan is based upon the state requirements needed for an Advanced Diploma. Academic course names may vary among school districts.

Grade	1 st Course	2 nd Course	3 rd Course	4 th Course	5 th Course	6 th Course (CTE)
9 th Grade	English I	Algebra I	Biology	Health / Computer Literacy	Physical Education	Elective ¹
10 th Grade	English II	Geometry	Chemistry or Geoscience	World History	Physical Education	Health Science I
11 th Grade	English III	Algebra II	Science Course or Elective ¹	US History	Foreign Language ² or Elective ¹	Health Science II - or - Emergency Medical Services
12 th Grade	English IV	Senior Level Math Course	Elective ¹	US Government	Foreign Language ² or Elective ¹	Emergency Medical Technician ³

¹ Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

² Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

³ CTE Assessments will be administered during the completion level CTE course.

Career and Technical Student Organizations	Work-Based Learning	CTE Assessments
hosa: future health professionals	Job Shadowing / Internship / Work Experience / Career Days / Career Fairs / Field Trips / Guest Speakers	1) End of Program Technical Assessment for Emergency Medical Technician 2) Workplace Readiness Skills Assessment (for Employability Skills Standards)

Postsecondary Options	State Articulation Agreements for CTE College Credit								
College of Southern Nevada / Great Basin College / Nevada State College / Truckee Meadows Community College / University of Nevada, Las Vegas / University of Nevada, Reno / Western Nevada College	<p>Secondary Program Requirements Student must earn the state Certificate of Skill Attainment in Emergency Medical Technician.</p> <p>Postsecondary Credit Options</p> <table style="width: 100%; border: none;"> <tr> <td style="border: none;">College of Southern Nevada</td> <td style="border: none; text-align: center;">9 Credits</td> <td style="border: none; text-align: center;">Truckee Meadows Community College</td> <td style="border: none; text-align: center;">10 Credits</td> </tr> <tr> <td style="border: none;">Great Basin College</td> <td style="border: none; text-align: center;">7 Credits</td> <td colspan="2" style="border: none;"></td> </tr> </table>	College of Southern Nevada	9 Credits	Truckee Meadows Community College	10 Credits	Great Basin College	7 Credits		
College of Southern Nevada	9 Credits	Truckee Meadows Community College	10 Credits						
Great Basin College	7 Credits								

High Wage - High Skill - High Demand Careers	State Recognized Industry Certifications
Emergency Planning Manager / EMT / First Responder / Fire Fighter / Forest Fire Fighter / Program Specialist / Forensic Science Technician / Rescue Worker / Dispatcher	Refer to the Governor's Office of Workforce Innovation's Nevada Eligible Industry Credentialing List

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ENGLISH LANGUAGE ARTS

ELA 6 Accelerated

This yearlong course provides instruction in the English Language Arts strands identified by the Nevada Academic Content Standards as reading, writing, speaking and listening, and language. This course is designated as accelerated by the faster instructional pacing and depth of content. This course is designed to build knowledge and critical thinking skills through close reading of texts; writing to support claims, to clarify ideas, and/or to develop ideas; and a range of collaborative discussions. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course.

Grade Level: 6

MS Credit Type: 6th Grade English

Associated Cost: Novel purchase

Prerequisite: Teacher recommendation, performance in 5th grade reading and writing, and/or qualifying diagnostic scores

ELA 6

This yearlong course provides instruction in the English Language Arts strands identified by the Nevada Academic Content Standards as reading, writing, speaking and listening, and language. This course is designed to build knowledge and critical thinking skills through close reading of texts; writing to support claims, to clarify ideas, and/or to develop ideas; and a range of collaborative discussions. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course.

Grade Level: 6

MS Credit Type: 6th Grade English

Associated Cost: Novel purchase

Prerequisite: None

ELA 7 Accelerated

This yearlong course emphasizes the development of specific writing types; arguments, informative/explanatory texts, and narratives in which the development, organization, and style are appropriate to task, purpose, and audience, and are in accordance with the Nevada Academic Content Standards. This course is designated as accelerated by the enhanced instructional pacing, depth and breadth of content, and is designed for students who have demonstrated advanced writing skills. Students demonstrate increasing sophistication in all aspects of language use. Students actively seek to understand other perspectives and cultures through reading and listening. Technology is used thoughtfully to enhance reading, writing, speaking, listening, and language use.

Grade Level: 7

MS Credit Type: 7th Grade English

Associated Cost: Novel purchase

Prerequisite: C or better in ELA 6 Acc and qualifying diagnostic scores

ELA 7

This yearlong course emphasizes the development of specific writing types; arguments, informative/explanatory texts, and narratives in which the development, organization, and style are appropriate to task, purpose, and audience, and are in accordance with the Nevada Academic Content Standards. Students demonstrate increasing sophistication in all aspects of language use. A variety of literature and

FOREIGN LANGUAGE

Conversational Spanish

This yearlong elective course is an introduction to the Spanish language and culture. Using natural language, total physical response, storytelling, and online resources, the course is designed to develop a basic enrichment communicative competence in listening, speaking, reading, writing and writing to the Spanish language. The class is also introduced to the culture and traditions of many Spanish-speaking countries.

Grade Level: 6-8 MS Credit Type: Elective
Associated Cost: None Prerequisite: None

Spanish I

The purpose of this yearlong course is to develop communicative competence in the Spanish language. Students will be able to write a simple narrative about a personal experience or event. They will be able to recognize the standard rules of usage and grammar. They will comprehend written and spoken numbers, dates, times, and other basic thematic vocabulary. They will read and comprehend phrases, short sentences, written directions and narratives. Students will identify important people, holidays, geography, and history of Spanish speaking countries and compare them to their own culture. ***Middle school students must earn a B or better to receive high school credit.***

Grade Level: 7-9 HS Credit Type: Foreign Language, Arts & Humanities, or Elective
Associated Cost: None Prerequisite: None

Spanish II Honors

The purpose of this yearlong course is to develop communicative competence in the Spanish language. Students will be able to write a simple narrative about a personal experience or event. They will be able to recognize the standard rules of usage and grammar. They will comprehend written and spoken numbers, dates, times, and other basic thematic vocabulary. They will read and comprehend phrases, short sentences, written directions and narratives. Students will identify important people, holidays, geography, and history of Spanish speaking countries and compare them to their own culture.

Grade Level: 8-9 HS Credit Type: Foreign Language, Arts & Humanities, or Elective
Associated Cost: None Prerequisite: Spanish I (***Middle school students must earn a B or better in Spanish I to advance to Spanish II Honors.***)

Anticipated Foreign Language coming soon to Pinecrest Sloan Canyon...

2020-2021
Spanish III Honors
Grade Level:10-12

2021-2022
Dual Enrollment Foreign Language Course
Grade Level: 11-12

MATHEMATICS

Math 6 Accelerated

This yearlong course is designed to prepare students for the increased rigor of the Nevada Academic Content Standards for Math 7 Accelerated/Pre-Algebra. This compacted course includes the grade six curriculum as well as a portion of the grade seven curriculum. This course focuses on five critical areas: 1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; 2) complete understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; 3) writing, interpreting, and using expressions and equations; 4) developing an understanding of statistical thinking; and 5) developing an understanding of measurement, special relationships, and geometry. The use of manipulatives, mathematical tools, and technology are an integral part of this course.

Grade Level: 6

MS Credit Type: 6th Grade Mathematics

Associated Cost: None

Prerequisite: Teacher recommendation, performance in 5th grade mathematics, and/or qualifying diagnostic scores

Math 6

This yearlong course is designed to focus on five critical areas: 1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; 2) complete understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; 3) writing, interpreting, and using expressions and equations; 4) developing an understanding of statistical thinking; and 5) developing an understanding of measurement, special relationships, and geometry. The use of manipulatives, mathematical tools, and technology are an integral part of this course.

Grade Level: 6

MS Credit Type: 6th Grade Mathematics

Associated Cost: None

Prerequisite: None

Math 7 Accelerated/Pre-Algebra

This yearlong course is designed to prepare students for the increased rigor of the Nevada Academic Content Standards for Algebra I in middle school. This compacted course includes grade seven curriculum as well as a portion of the currently adopted NACS grade eight curriculum. This course is designed to focus on four critical areas: 1) developing understanding of and applying proportional relationships; 2) developing understanding of operations with rational numbers including exponents and scientific notation, and working with expressions and solving linear equations; 3) solving problems involving scale drawings and informal geometric constructions, and working with two – and three-dimensional shapes to solve problems involving area, surface area, and volume; and 4) drawing inferences about populations based on samples. The use of manipulatives, mathematical tools, and technology, including calculators and computer software, is an integral part of this course. Students who are successful in completing Math 7 Accelerated with semester grades of A's or high B's will be recommended to take Pre-AP Algebra I in 8th grade.

Grade Level: 7

MS Credit Type: 7th Grade Mathematics

Associated Cost: None

Prerequisite: C or better in Math 6 Acc and qualifying diagnostic scores

Math 7

This yearlong course is designed to focus on four critical areas: 1) developing understanding of and applying proportional relationships; 2) developing understanding of operations with rational numbers and working with expressions and linear equations; 3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and 4) drawing inferences about populations based on samples. The use of manipulatives, mathematical tools, and technology, including calculators and computer software, is an integral part of this course.

Grade Level: 7

MS Credit Type: 7th Grade Mathematics

Associated Cost: None

Prerequisite: Math 6

Algebra I

This yearlong course is the study of patterns and structure within the real number system. Topics include working with equations, graphing, and problem-solving strategies. Students become adept at solving problems that require the integration of a variety of mathematical concepts. The use of a calculator and computer software as instructional tools is an integral part of this course. A TI-84 Plus Graphing Calculator is highly recommended. ***Middle school students must earn a B or better to receive high school credit and advance to Geometry Honors.***

Grade Level: 8

Credit Type: HS Mathematics or 8th Grade Mathematics

Associated Cost: None

Prerequisite: B or better in Math 7 Acc and qualifying diagnostic scores

Pre-Algebra

This yearlong course provides the necessary knowledge and skills to successfully complete algebra coursework. It is intended to increase mathematical fluency in problem solving, reasoning, modeling, and effective communication in the study of number, algebra, functions, geometry, and statistics. The use of technology, including calculators and computer software, is an integral part of this course.

Grade Level: 8

MS Credit Type: 8th Grade Mathematics

Associated Cost: None

Prerequisite: Math 7

Pre-Algebra

This yearlong course designed for freshman-level students provides the necessary knowledge and skills to successfully complete algebra and geometry coursework. It is intended to increase mathematical fluency in problem solving, reasoning, modeling, and effective communication in the study of number, algebra, functions, geometry, and statistics. The use of technology, including calculators and computer software, is an integral part of this course. *This course does not meet the core requirements for the NCAA or the Nevada System of Higher Education (NSHE) core requirements for university admission.*

Grade Level: 9

HS Credit Type: Mathematics

Associated Cost: None

Prerequisite: None

Pre-AP Algebra 1

The yearlong Pre-AP Algebra 1 course is designed to deepen students' understanding of three big ideas: how the structure of the real number system leads to the rules of algebraic manipulation, how to use functions as a tool for modeling the world, and what information the solution(s) to a mathematical model can and cannot tell you. The framework increases clarity and provides transparency to students about the most essential knowledge and skills they will need for active, confident participation in subsequent high school courses, including Advanced Placement, as well as college coursework and postsecondary careers. The use of technology, including calculators and computer software, is an integral part of this course. A TI-84 Plus Graphing Calculator is highly recommended.

Grade Level: 9

HS Credit Type: Mathematics

Associated Cost: None

Prerequisite: C or better in Pre-Algebra and qualifying diagnostic scores

Geometry Honors

This yearlong course provides students with a rigorous study of Euclidean geometry including advanced topics. It incorporates problem solving, reasoning, modeling, and effective communication in the study of transformational geometry, trigonometry, measurement, and probability. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of mathematical tools and technology, including calculators and computer software, is an integral part of this course. This course is designated as honors level by the accelerated instructional pacing and depth of content. A TI-84 Plus Graphing Calculator is highly recommended.

Grade Level: 9

HS Credit Type: Mathematics

Associated Cost: None

Prerequisite: B or better in 8th grade Algebra I

Anticipated Mathematics coming soon to Pinecrest Sloan Canyon...

2020-2021

Algebra II

Grade Level: 10-12

2021-2022

Pre-Calculus

Dual Enrollment Mathematics

Course

Grade Level: 11-12

2022-2023

Dual Enrollment Mathematics

Course

Math for Personal Finance

Grade Level: 1

PERFORMING ARTS

The Conservatory at Sloan Canyon

The new “Conservatory at Pinecrest Academy” provides Nevada’s only advanced music training curriculum housed within a public middle school and high school. Some of Las Vegas’ most inspiring and sought after music educators are joining our ranks to provide a transformative music education to the students of Pinecrest Academy St. Rose, Inspirada, and Sloan Canyon. By design, this new system will build on the award winning STEAM features of our school and will nurture the creativity needed to prepare our students for the careers of tomorrow. Welcome to the Conservatory at Pinecrest Academy, which includes, band, choir, and strings.

Beginning Band

In this yearlong class, students will have the opportunity to perform on the following instruments: flute, clarinet, oboe, bassoon, saxophone, trumpet, french horn, trombone, baritone/euphonium, tuba, and percussion. INSTRUMENT SELECTION PROCESS WILL TAKE PLACE THE FIRST WEEK OF SCHOOL. Active participation during class is essential in order for a student to learn how to play an instrument and therefore will be a substantial portion of the grade. Concert attendance and participation is mandatory.

Students will learn and exhibit proper, safe, care and maintenance of their instruments. They will play in large ensembles demonstrating appropriate ensemble techniques while following a conductor. Students perform multiple-part ensemble literature, learn music terminology, and music reading techniques. This course concentrates on the correct instrument position and placement, note-reading and aural skills, rhythmic patterns, intonation, articulation, and breath support in order to perform with a good tone quality. The importance of sustained group and individual effort is stressed. A progression of fundamental and technical proficiency is expected. This course is a preparatory course for progression to more advanced band courses. This course is repeatable for credit.

Grade Level: 6-8
Associated Cost: \$150

MS Credit Type: Elective
Prerequisite: None

Concert Band

In this yearlong class, students will concentrate on the development of style, articulation, pitch, dynamics, technique, advanced rhythmic patterns, and tonal recognition. A progression of technical proficiency is expected.

Students will play a carried repertoire of instrumental literature representing diverse genres and styles including both classical and popular music. Students will be able to identify the various ways that music can convey universal themes, i.e., contrast, conflict, or emotion. This course emphasizes preparing students to continue learning how a successful band functions and the continuation of success on their instrument of choice. Concert attendance and participation is mandatory. Students are required to provide their own instrument. Arrangements for rentals have been made through school owned rentals, and Music and Arts rentals. This course is repeatable for credit.

Grade Level: 7-8
Grade Level: 9
Associated Cost: \$150

MS Credit Type: Elective
HS Credit Type: Arts & Humanities or Elective
Prerequisite: One year and Beginning Band and Teacher Recommendation

Symphonic and Chamber Band

In this yearlong class, students concentrate on advancing the development of style, articulation, pitch, dynamics, technique, advanced rhythmic patterns and tonal recognition. A progression of technical proficiency is expected. Students will play a carried repertoire of instrumental literature representing diverse genres and styles including both classical and popular music. Students will be able to identify the various ways that music conveys universal themes, i.e., contrast, conflict, or emotion. This course emphasizes preparing students to continue learning how a successful band functions and the continuation of success on their instrument of choice. Concert participation and attendance is mandatory. Students are required to provide their own instrument. Arrangements for rentals have been made through school owned rentals, and Music and Arts rentals.

Grade Level: 7-8

MS Credit Type: Elective

Grade Level: 9

HS Credit Type: Arts & Humanities or Elective

Associated Cost: \$150

Prerequisites: Audition

Beginning Choir

In this yearlong class, students will learn the physical techniques involved in producing and cultivating a beautiful singing sound: breathing and breath support, tone production, projection, diction, and physical health/care/vocal maintenance. Students then combine their sounds to create music as a performance ensemble, learning to utilize both choral techniques that produce enjoyable and moving musical performances, as well as the finer components of presenting a stage performance. During the course of the year, choral students will learn to read and understand written music, sight-sing, and perform in one-, two- and possibly three-part harmony. Music will include pieces drawn from standard choral repertoire, and will include music in a variety of styles, tempos and languages. Each semester will culminate in a full choral performance with potential solo and small-group opportunities. Concert participation and attendance are mandatory. Other opportunities for performance may also be offered throughout the year. This course is repeatable for credit.

Grade Level: 6-8

MS Credit Type: Elective

Associated Cost: \$150

Prerequisite: None

Advanced Choir

This yearlong class is designed to further enhance the musical, creative and expressive qualities of all students. Musical opportunities are provided for every child to learn the advanced skills of singing, playing and reading music, developing song repertoire, broadening listening skills and experiencing the interrelated nature of music with other cultures and content areas. Each semester will culminate in a full choral performance with potential solo and small-group opportunities. Concert participation and attendance are mandatory. Other opportunities for performance may be offered throughout the year. This course is repeatable for credit.

Grade Level: 7-8

MS Credit Type: Elective

Associated Cost: \$150

Prerequisite: Audition Only

Concert Choir

In this yearlong class, students will have the opportunity to further hone in on these skills, and provide a challenge for musicians seeking more advanced singing opportunities. Increased emphasis will be placed on individual improvement and excellence, as well as responsibility as a part-singer. Studies include advanced implementation of languages, 3- and 4-part singing, sight-singing and music-reading, and the more in-depth study of dramatic interpretation and character. Pieces will be chosen from a broader selection of styles, ranging from standard choral and classical works to popular, madrigal, jazz and Broadway repertoire. A full-year class, each semester will culminate in a full choral performance with potential solo and small-group opportunities. Concert participation and attendance are mandatory. Other opportunities for performance may be offered throughout the year. This course is repeatable for credit.

Grade Level: 9 HS Credit Type: Arts & Humanities or Elective
Associated Cost: \$150 Prerequisite: None

Drama

In this yearlong course, students will learn about various aspects of drama and performance to include acting techniques, audition rules, and the history of theater. Emphasis will be placed on developing theatrical skills such as mood, feeling, movement, and vocal expression that are used to communicate the personality or feelings of a character. Students will be graded on participation, effort and collaboration which will be evaluated through group skits, individual readings, and a final production in front of a live audience. The final production is a mandatory activity; students may participate in a technical role backstage in lieu of performing on stage. This course includes after-school rehearsals during the final production week.

Grade Level: 6-8 MS Credit Type: Elective
Grade Level: 9 HS Credit Type: Arts & Humanities or Elective
Associated Cost: \$40 Prerequisite: None

Beginning Strings (Orchestra)

In this yearlong class, students learn to play a string instrument. String instruments taught will include the violin, viola, and cello. INSTRUMENT SELECTION PROCESS WILL TAKE PLACE THE FIRST WEEK OF SCHOOL. Active participation during class is essential in order for a student to learn how to play an instrument and therefore will be a substantial portion of the grade. Concert attendance and participation is mandatory. Students will learn and exhibit proper, safe, care and maintenance of their instruments. They will play in large ensembles demonstrating appropriate ensemble techniques while following a conductor. Students perform multiple-part ensemble literature and learn music terminology and music reading techniques. This course emphasizes the place of string music in the western musical heritage. It concentrates on the development of correct instrument position and placement, note-reading and aural skills, rhythmic patterns, intonation, and tonality inherent to string music. The importance of sustained group and individual effort is stressed. A progression of fundamental and technical proficiency is expected. This course is a preparatory course for progression to more advanced strings courses. This course is repeatable for credit.

Grade Level: 6-8 MS Credit Type: Elective
Associated Cost: \$150 Prerequisite: None

Intermediate (Chamber) Strings

This yearlong course concentrates on the development of style, articulation, pitch, dynamics, technique, advanced rhythmic patterns and tonal recognition. A progression of technical proficiency is expected. Students will play a carried repertoire of instrumental literature representing diverse genres and styles including both classical and popular music. Students will be able to identify the various ways that music can convey universal themes, i.e., contrast, conflict, or emotion. This course emphasizes preparing students to continue learning how a successful string orchestra functions and the continuation of success on their instrument of choice. Concert participation and attendance is mandatory. Students are required to provide their own instrument. Arrangements for rentals have been made through school owned rentals, and Music and Arts rentals. This course is repeatable for credit.

Grade Level: 7-8	MS Credit Type: Elective
Grade Level: 9	HS Credit Type: Arts & Humanities or Elective
Associated Cost: \$150	Prerequisite: One year of Beginning Strings and Teacher Recommendation

Advanced (Symphony) Strings

In this yearlong course, students concentrate on the advancement of style, articulation, pitch, dynamics, technique, advanced rhythmic patterns, and tonal recognition that began in intermediate strings. A progression of technical proficiency is expected. Students will play a carried repertoire of advanced instrumental literature representing diverse genres and styles including both classical and popular music. Students will be able to identify the various ways music conveys universal themes, i.e., contrast, conflict, or emotion. This course emphasizes preparing students to continue learning how an advanced string orchestra functions and the continuation of success on their instrument of choice. This course is designed to prepare students for high school orchestra. Concert participation and attendance is mandatory. Students are required to provide their own instrument. Arrangements for rentals have been made through school owned rentals, and Music and Arts rentals. This course is repeatable for credit.

Grade Level: 7-8	MS Credit Type: Elective
Grade Level: 9	HS Credit Type: Arts & Humanities or Elective
Associated Cost: \$150	Prerequisite: One year of Intermediate Strings and Teacher Recommendation

Musical Theater

Students will learn to integrate singing, dancing, and acting in this yearlong course. Students will be introduced to fundamental techniques and application to song and dance routines while learning vocal material. There will be vocal and physical warm ups to work on Musical Theatre technique. After school rehearsals will be required to hone material before a performance for friends and family.

Grade Level: 6-8	MS Credit Type: Elective
Associated Cost: \$150	Prerequisite: None

Anticipated Performing Arts coming soon to Pinecrest Sloan Canyon...

2020-2021

Chorale

Grade Level: 7-8

Bella Voice (Chamber Choir)

Grade Level: 10-12

PHYSICAL EDUCATION

Physical Education

This semester-long course focuses on the physical, mental, social and emotional development of the individual in a cooperative and competitive setting. The student will be provided with experiences in psychomotor skills, movement experiences, lifetime health-related fitness skills and values. The goals of this class are accomplished through participation in team sports and individual sports, fitness, wellness and movement activities. Rules, strategies, safety and life skills will be emphasized in relation to active participation and the development of becoming a knowledgeable spectator.

In addition 8th graders will take health. During the health portion of this course, students learn about health and well-being while analyzing the relationship between health behaviors and personal health. They explain the interrelationships of emotional, intellectual, physical, and social health in adolescence. Students will learn how behaviors, pathogens, genetic history, and other factors are related to illness/ disease prevention. They examine how individual family, peers, and information influence the personal use, misuse, and abuse of substances. Students apply time management strategies and learn skills needed to attain a personal long-term health goal.

Grade Level: 6 and 8

MS Credit Type: Physical & Health Education

Associated Cost: \$0

Prerequisite: None

Physical Education I

This yearlong course provides students the opportunity to develop a health and skill-enhancing level of physical fitness. Students engage in movement and fitness activities at moderate to vigorous levels for a minimum of 50% of the instructional time. Through participation in physical activities, students execute motor skills, movement patterns, and safety within the course. Health and skill-enhancing fitness concepts are explored through personal goal setting and self-evaluation. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course.

Grade Level: 9

HS Credit Type: Physical Education I

Associated Cost: \$0

Prerequisite: None

Martial Arts

This one-year class is open to both new and experienced martial artists. Students will learn techniques of martial arts including self-defense skills, perseverance, and discipline. Students will have the opportunity to earn belts and participate in competitions. Through participation in physical activities, students execute motor skills, movement patterns, and safety within the course. Health and skill-enhancing fitness concepts are explored through personal goal setting and self-evaluation. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. This course will fulfill a Physical Education credit or the one arts/humanities credit required for graduation.

Grade Level: 6-8

MS Credit Type: Elective

Grade Level: 9

HS Credit Type: Physical Education I or II, Arts & Humanities, or Elective

Associated Cost: \$30

Prerequisite: none

Anticipated Physical Education coming soon to Pinecrest Sloan Canyon...

2020-2021

Physical Education II

Health

Grade Level:10

2021-2022

Dance I

Grade Level: 9-12

Lifetime Sports

Grade Level: 11-12

2022-2023

Dance II

Grade Level: 10-12

SCIENCE

Science 6 Accelerated

This one-year course is designed to integrate science and engineering practices, crosscutting concepts, and core ideas from the life, Earth and space, and the physical sciences. This course is designated as accelerated by the enhanced instructional pacing and depth of content. Science 6 Accelerated includes Energy; Structure and Properties of matter; Earth's Systems; Weather and Climate; Human Impact; Structure, Function, and Information Processing; Growth, development, and Reproduction of Organisms; and Engineering Design. Demonstrations and lab experiences that employ proper safety techniques are essential to this course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society.

Grade Level: 6

MS Credit Type: 6th Grade Science

Associated Cost: Science Fair Supplies

Prerequisites: Placement is based on teacher recommendation, CRT score, placement test, and present performance in fifth grade science.

Science 6

This yearlong course is designed to integrate science and engineering practices, crosscutting concepts, and core ideas from the life, Earth and space, and the physical sciences. Topics includes Energy; Structure and Properties of matter; Earth's Systems; Weather and Climate; Human Impact; Structure, Function, and Information Processing; Growth, development, and Reproduction of Organisms; and Engineering Design. Demonstrations and lab experiences that employ proper safety techniques are essential to this course. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society.

Grade Level: 6

MS Credit Type: 6th Grade Science

Associated Cost: Science Fair Supplies

Prerequisite: None

Science 7 Accelerated

This course for seventh-grade students will require extensive use of critical thinking, and inquiry skills to understand matter, energy, ecosystems, and earth systems. Students will use inquiry based learning, lab activities, research based learning, scientific processes, and tools to understand chemistry, interdependent relationships, the earth's history, and human impact. Critical thinking, extensive writing, collaboration, accuracy, and communication skills will be practiced as students extend their scientific literacy.

Grade Level: 7

MS Credit Type: 7th Grade Science

Associated Cost: Science Fair Supplies

Prerequisites: B or higher in Science 6 or Science 6 Accelerated and assessment results

Science 7

This yearlong course focuses on understanding matter, energy, ecosystems, and earth systems. Topics include Matter and Chemical Reactions, Matter and Energy in Ecosystems, Interdependent Relationships in Ecosystems, Earth's Resources, and Dynamic Earth. Students will use scientific processes, protocols, and tools, including inquiry, to build an understanding of chemistry, interdependent relationships, earth's history, and human impact. Collaboration, accuracy, and communication skills will be practiced as students extend their scientific literacy.

Grade Level: 7

MS Credit Type: 7th Grade Science

Associated Cost: Science Fair Supplies

Prerequisite: Science 6

Science 8 Accelerated

This year-long course for eighth-grade students provides the physical science explanations that extend understandings developed in previous science courses. Students will use scientific processes, protocols, and tools, including inquiry, to build understanding of structures, patterns, and relationships explained through the physical sciences. Critical thinking, collaboration, accuracy, and communication skills will be emphasized as students refine their scientific literacy. This course is designed for students who have been placed in Algebra I. In addition to the required curriculum, essential material will be covered in much more depth. Higher level thinking skills will be emphasized. Successful completion of this course will prepare students for enrollment in honors level science courses in high school.

Grade Level: 8

MS Credit Type: 8th Grade Science

Associated Cost: Science Fair Supplies

Prerequisites: B or higher in Science 7 or Science 7 Accelerated and assessment results

Science 8

This yearlong course provides the physical science explanations that extend understandings developed in previous science courses. Topics include Force and Motion; Energy; Electricity and Magnetism; the Universe; Waves; Light; Reproduction and Heredity; the Geologic Process; and Classification and Evidence of Change. Students will use scientific processes, protocols, and tools, including inquiry, to build understanding of structures, patterns, and relationships explained through the physical sciences. Critical thinking, collaboration, accuracy, and communication skills will be emphasized as students refine their scientific literacy.

Grade Level: 8

MS Credit Type: 8th Grade Science

Associated Cost: Science Fair Supplies

Prerequisite: Science 7

Pre-AP Biology Honors

The Pre-AP Biology course emphasizes the integration of content with science practices- powerful reasoning tools that support students in analyzing the natural world around them. Pre-AP Biology helps students and

teachers prioritize and focus deeply on four core areas: ecological systems, evolution, cellular systems, and genetics. Students make meaningful connections among the structures, processes, and interactions that exist across biological systems- from cells to ecological communities. Pre-AP Biology motivates students to be active participants in analyzing real-world phenomena and to collaborate productively with their peers in dialogue, investigations, and problem solving. The appropriate use of technology is an integral part of this yearlong course. This course is designated as honors level by the accelerated instructional pacing and depth of content.

Grade Level: 9

HS Credit Type: Science

Associated Cost: Science Fair Supplies

Prerequisite: *none*

Pre-AP Biology

The Pre-AP Biology course emphasizes the integration of content with science practices - powerful reasoning tools that support students in analyzing the natural world around them. Pre-AP Biology helps students and teachers prioritize and focus deeply on four core areas: ecological systems, evolution, cellular systems, and genetics. Students make meaningful connections among the structures, processes, and interactions that exist across biological systems - from cells to ecological communities. Pre-AP Biology motivates students to be active participants in analyzing real-world phenomena and to collaborate productively with their peers in dialogue, investigations, and problem solving. The appropriate use of technology is an integral part of this yearlong course.

Grade Level: 9

HS Credit Type: Science

Associated Cost: Science Fair Supplies

Prerequisite: None

Anticipated Science coming soon to Pinecrest Sloan Canyon...

2020-2021

Chemistry

Grade Level:10

2021-2022

AP Biology

Environmental Science

Grade Level: 11

2022-2023

AP Physics

Grade Level: 12

SOCIAL STUDIES

Ancient History

This yearlong course provides instruction in the English Language Arts strands identified by the Nevada Academic Content Standards as reading, writing, speaking and listening, and language. This course is designed to build knowledge and critical thinking skills through close reading of texts; writing to support claims, to clarify ideas, and/or to develop ideas; and a range of collaborative discussions. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course.

Grade Level: 6

MS Credit Type: 6th Grade Social Studies

Associated Cost: None

Prerequisite: None

U.S. History

This yearlong course provides instruction in the English Language Arts strands identified by the Nevada Academic Content Standards as reading, writing, speaking and listening, and language. This course is designed to build knowledge and critical thinking skills through close reading of texts; writing to support claims, to clarify ideas, and/or to develop ideas; and a range of collaborative discussions. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course.

Grade Level: 7

MS Credit Type: 7th Grade Social Studies

Associated Cost: None

Prerequisite: None

Geography

This yearlong course provides instruction in the English Language Arts strands identified by the Nevada Academic Content Standards as reading, writing, speaking and listening, and language. This course is designed to build knowledge and critical thinking skills through close reading of texts; writing to support claims, to clarify ideas, and/or to develop ideas; and a range of collaborative discussions. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course.

Grade Level: 8

MS Credit Type: 8th Grade Social Studies

Associated Cost: None

Prerequisite: None

Pre-AP World History and Geography Honors

Pre-AP World History and Geography Honors focuses deeply on the concepts and skills that have maximum value for high school, college, careers, and civic life. The yearlong course builds students' essential skills and confidence and helps to prepare them for a range of AP history and social science coursework during high school. The learning model is that of a disciplinary apprenticeship, with students using the tools of the historian and geographer as sources, data, and analytical reading and writing take center stage in the classroom. In this course, students learn that historians and geographers are investigators intent on using the tools of their disciplines to uncover new evidence about the world and its inhabitants. The appropriate use of technology is an integral part of this year-long course. This course is designated as honors level by the accelerated instructional pacing and depth of content.

Concurrent enrollment in Pre-AP English 1 Honors and Pre-AP Biology Honors is required.

Grade Level: 9

HS Credit Type: World History/Geography or Arts & Humanities

Associated Cost: None

Prerequisite: See *Pre-AP English 1 Honors Prerequisite*

Pre-AP World History and Geography

Pre-AP World History and Geography focuses deeply on the concepts and skills that have maximum value for high school, college, careers, and civic life. The yearlong course builds students' essential skills and confidence and helps to prepare them for a range of AP history and social science coursework during high school, including AP Human Geography and AP World History. The learning model is that of a disciplinary apprenticeship, with students using the tools of the historian and geographer as sources, data, and analytical reading and writing take center stage in the classroom. In this course, students learn that historians and geographers are investigators intent on using the tools of their disciplines to uncover new evidence about the world and its inhabitants. The appropriate use of technology is an integral part of this year-long course. This course fulfills the World History/Geography and/or the Arts/Humanities credits required for high school graduation.

Grade Level: 9

HS Credit Type: World History/Geography or Arts & Humanities

Associated Cost: None

Prerequisite: none

AP Psychology

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

It is expected that students will take the AP exam in May. AP Exam estimated cost is \$94.

Grade Level: 9

HS Credit Type: Arts and Humanities or Elective

Associated Cost: AP Exam Fee

Prerequisites: none

Anticipated Social Studies coming soon to Pinecrest Sloan Canyon...

2020-2021

U.S. History

AP U.S. History

Grade Level: 10

2021-2022

U.S. Government

Grade Level: 11-12

ADDITIONAL ELECTIVES

Broadcast News

This year-long class offers students an opportunity to be part of a production for the middle and high school Sloan Canyon campus to watch on a weekly basis. In Broadcast News students will produce a weekly news program including information about events coming up, weather, sports and much more. There are plenty of positions for those that want to be in front of the camera and for those that want to be behind the camera. This is a student run production and students will have the opportunities to produce, direct, interview, anchor, edit, write, be the cameraperson, and much more. Students will also work on special features, commercials, and other public service announcements to help enhance the newscast.

Grade Level: 6-8 MS Credit Type: Elective
Associated Cost: \$0 Prerequisite: none

Computer Science and Applications (Formerly Computer Literacy)

Computer Computer Science and Applications is a one semester course that lays the foundation of preparing students for success in future computer classes, the use of technology in secondary classes and college coursework, and career. The first half of the course addresses focuses on relevant standards such as Productivity Tools including Docs, Slides, Calendars, Drawings, Maps, Sheets, and Search. The second half of the course focuses on Computational Thinking/Computer Science. This middle school course satisfies the Use of Computers half-credit requirement for high school graduation.

Grade Level: 6-required HS Credit Type: Use of Computers
Associated Cost: \$0 Prerequisite: None

Computer Science Discoveries

Computer Science Discoveries is year-long introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun.

Grade Level: 7-8 MS Credit Type: Elective
Associated Cost: \$0 Prerequisite: none

Environmental Science

This one-year elective course is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze natural and human-made environmental problems, to evaluate the relative risks associated with these problems, to examine alternative solutions for resolving or preventing them, and to examine environmental law and global economic impacts.

Grade Level: 9 HS Credit Type: Elective
Associated Cost: None Prerequisite: none

Flight and Space

The exciting world of aerospace comes alive through Flight and Space. In this 1 semester course. During this unit, students delve into the history of flight and space, discover the science behind aeronautics, and explore traveling and living in space. Students are then challenged to use their knowledge to design, build, and test an airfoil.

Grade Level: 7-Required MS Credit Type: Elective
Associated Cost: \$0 Prerequisite: None

Medical Detectives

In this 1 semester course, students engage in the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a “crime scene.” They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health. Learning about the human body muscular and skeletal system the students will create prototype prosthetics by using the design process.

Grade Level: 8-Required MS Credit Type: Elective
Associated Cost: \$0 Prerequisite: None

Robotics

The objective of this one-year elective course is to introduce the student to basic programming as well as problem solving strategies. This course will involve students in the development, building and programming of a robot. Students will work hands-on in teams to design, build, program, and document their progress. Topics may include motor control, gear ratios, torque, friction, sensors, timing, program loops, logic gates, decision-making, timing sequences, propulsion systems and binary number systems. Student designed robots may be programmed to compete in various competitions. Robotics is an intensive program geared toward students who crave a challenge and those who are willing to commit to the behavior, academic, and time demands of this program.

Grade Level: 6-8 MS Credit Type: Elective
Grade Level: 9 HS Credit Type: Elective
Associated Cost: \$100 Prerequisite: none

STEAM Careers Explorations

This course allows students hands on exploration of the careers powering the STEAM industry. Students will rotate between exploration stations and examine the skill sets and tasks required of cluster areas of different STEAM fields.

Grade Level: 7-required/ 8 elective MS Credit Type: Elective
Associated Cost: \$0 Prerequisite: none

Student Aide/Office Aide

This semester or one-year course is designed to allow students to assist teachers in classroom management. Under the direction of a supervising teacher, students will gain experience in clerical duties, laboratory

assistance, working with faculty members, and following directions. Students are assigned to supervising teachers by a formal application process. This course will fulfill one of the elective credits required for graduation.

Grade Level: 7-8 MS Credit Type: Elective
Grade Level: 9 HS Credit Type: Elective
Associated Cost: \$0 Prerequisite: 2.5 GPA and Application Required

Student Cafeteria Worker

Student cafeteria workers will learn about accepting food deliveries, managing accurate food count and production records, prepping food for lunches, cooking procedures and internal temperatures of food, managing accurate temperature logs, proper cleaning procedures and chemical amounts to prevent contamination, serving sizes, lunch service procedures and requirements, and proper food cooling and storing procedures. Selected students must obtain a Food Handlers Safety Card prior to the first day of school in August. Students must be at least 14 years old to obtain a Food Handlers Safety Card. Cards cost \$40.00 total and more information can be found at:

<http://www.southernnevadahealthdistrict.org/food-handler-card/food-handler-safety-training-card.php>

Grade Level: 9 HS Credit Type: Elective
Associated Cost: FHS Card Prerequisite: Application Required

Student Council

This is a one-year elective course designed to prepare students for leadership opportunities in college and in the work environment. The course offers students with the opportunity to foster a variety of essential skills such as communication, organization, goal setting, collaboration, event planning, time management, public speaking and critical thinking. The purpose of student council is to plan and implement activities that not only serve but also enrich the student body, the staff, and the community. Students will have many responsibilities outside of the school day including, but not limited to, planning and running events, fundraising, and volunteering. Students must have a C average or better to remain in this course. This course is repeatable for credit.

Grade Level: 6-8 MS Credit Type: Elective
Grade Level: 9 HS Credit Type: Elective
Associated Cost: \$0 Prerequisite: 2.5 GPA and Application Required

Study Skills

Study Skills provides the tools, guidance, and mentorship for students to become successful in their core classes. An emphasis is placed on time management skills. The Study Skills teacher will check on students' grades and missing assignments providing students academic support and encouragement. Throughout the week students have time to work on homework, blended learning, and other school work. This course is repeatable for credit.

Grade Level: 6-8 MS Credit Type: Elective
Grade Level: 9 HS Credit Type: Elective
Associated Cost: \$0 Prerequisite: None

Yearbook

In this year-long course students will gain skills in one or more of the following areas: page design, advanced publishing techniques, copywriting, editing and photography while producing a creative, innovative yearbook which records school memories and events. There is an emphasis on journalism skills in this class.

Participants gain useful, real world skills in time management, marketing, teamwork, and design principles. This course will fulfill one of the elective credits required for graduation.

Grade Level: 7-8

MS Credit Type: Elective

Grade Level: 9

HS Credit Type: Elective

Associated Cost: \$20

Prerequisite: B or better in current English course

Anticipated Electives coming soon to Pinecrest Sloan Canyon...

2020-2021

Publications

Study Skills

Grade Level: 9-12

Careers and Financial Literacy

Grade Level: 10

Cafeteria Aide

Grade Level: 10-12

College Preparation Course

Grade Level: 10-12

2021-2022

Journalism

Creative Writing

Grade Level: 9-12

Work Based Learning

Grade Level: 11-12

2022-2023

Speech and Debate

Grade Level: 9-12

Life Management Skills

Grade Level 11-12