



# Course Catalog

## 2017-2018

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# General Information

## INTRODUCTION

The information in this publication has been compiled to assist students in planning their four years of high school course work. Courses offered next fall will be the courses students select this spring. Generally, if fewer than twenty-five students request a class, it will not be offered. Choose alternative courses wisely.

## PREREGISTRATION

The following important information should be reviewed before selecting classes:

1. Review graduation requirements.
2. Set educational goals to prepare for your post-high school plans and career interests.
3. An on-line four year Academic Plan is accessible through Infinite Campus for regular review and revision as necessary. Regular review of the plan throughout high school will assist students in preparation for adulthood in the 21<sup>st</sup> Century.
4. Research the requirements for the college or university you are considering in order to ensure that you are selecting appropriately.
5. Prior courses may be repeated for a higher grade with the clearance of your counselor.
6. Any course taken outside of the Palo Verde High School campus **MUST** be approved and signed off by your counselor **FIRST**.
7. **YOU WILL BE EXPECTED TO REMAIN IN YOUR COURSES THROUGHOUT THE ACADEMIC YEAR UNLESS A CHANGE IS NECESSITATED BECAUSE OF ERRORS IN PLACEMENT OR GRADUATION REQUIREMENTS.**
8. **COURSES DROPPED AFTER THE 18TH DAY OF A SEMESTER WILL RECEIVE A GRADE OF “F”.**
9. Reduced class loads will not be approved after the school year begins.
  - **READ** the entire Course Catalog before you register. Be certain the prerequisites for selected courses have been met.
  - **DISCUSS** your course selection with your parents and teachers before registration. Many courses require teacher approval, fees, outside time commitments and/or attendance at school events.
  - **COMPLETE** the entire registration form. Parent signature is required before student can be registered. Teacher approval required where noted before student can be registered.

### **Non-Discrimination Language**

CCSD 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 including, but not limited to, Title VI and VII of the Civil Rights Act, Title IX of the Education Amendment of 1972, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act of 1990, and the Individuals with Disabilities Education Improvement Act.

## 4X4 BLOCK

Palo Verde High School operates on a 4X4 block schedule. Students attend periods 1-3-5-7 on A day and periods 2-4-6-8 on B day. A total of 8 credits can be earned during the regular day in the school year.

## SCHEDULE CHANGE POLICY

Since advanced 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 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 3rd week of the semester. Administration may, due to enrollment and staff changes, balance course sections by transferring students from one class and/or teacher to another section. Every effort will be made to ensure a smooth transition for students. Requests for schedule changes are considered only for the following specific educational reasons:

- Minimum competence preparation for the End of Course Exams,
- Graduation requirement fulfillment,
- Misplacement in an academic area,
- Successful completion of summer school course work.

## SCHEDULE REQUIREMENTS

- Prior to the selection of any electives, students must re-enroll in required courses they have failed. All
- ninth-, tenth-, and eleventh-grade students must enroll in eight classes a year. Twelfth grade students must be enrolled in four or more classes.  
All ninth grade students must take the required rotation classes appropriate for that grade level.

## REQUIRED HIGH SCHOOL STUDENT CLASS LOAD

The State of Nevada, NAC 387.345, requires all high school students be enrolled as follows:

- Ninth, tenth, and eleventh grade students must be enrolled in six classes or the equivalent of six periods per day. **(this equates to 8 classes on the block)**
- Twelfth grade students must be enrolled in at least four classes or the equivalent of four periods per day. [Seniors must take at least two classes per day on the block schedule.]

Please Note: Although Concurrent Courses, Distance Education, Dual Credit, External Courses, and Work Experience are considered equivalent coursework, students must receive **prior approval** of the counselor and administration.

## PREREQUISITES

Prerequisites are listed in the Course Catalog to help students and parents make the best educational decisions possible. Students must either meet these prerequisites to enroll in a course or request permission to challenge the course. Both semesters of a prerequisite course must be successfully completed.

## **COURSE FEES**

Elective course fees are charged for select classes where completed student projects can be taken home. These course fees cover the actual cost for these projects. A family's difficulty purchasing all of the necessary items and/or fees will not prevent a student's enrollment in any class. If alternatives to immediate payment of fees must be considered, the counselor and/or respective teacher(s) should be contacted. Classes will not be changed due to an inability to pay a fee.

## **EARLY AND LATE BIRD CLASSES**

Early and Late Bird classes are offered on a limited basis depending on staffing and funding. Some classes are offered as electives, for credit retrieval and to complete high school graduation requirements. Students who choose to take an early or late bird class must remain in the class for the entire semester and maintain their complete schedule. Also, students that take an early or late bird class must provide their own transportation.

## **COLLEGE READINESSS ASSESSMENTS**

All Clark County School District students will take the PSAT at no cost (pending final budget allocations) during the sophomore year to provide data that will assist in determining the student's potential success in Advanced Placement (AP) courses. Taking the PSAT in the sophomore 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 (at the cost of the student) is used to identify National Merit Scholarship Semi-finalists.

All juniors will take the ACT (with Writing) exam in the Spring. The College and Career Readiness Assessment (ACT) is a requirement for graduation. Juniors will take the ACT in spring of their junior year at no cost. Students planning to attend college may also prepare for the ACT entrance exam by taking the PLAN test during his/her sophomore year. It is recommended that students take ACT and/or SAT in the spring of their junior year, as most four-year colleges/universities require either test for admission. In addition, some colleges/universities require a minimum score on the ACT and/or SAT to determine placement in freshman English and math courses. Finally, some universities determine scholarship eligibility on ACT and/or SAT results.

**Note:** It may be necessary to retake the ACT and/or SAT to increase the student's score. This may enable a student to avoid placement in a remedial math and/or English college course. Remedial courses at Nevada System of Higher Education Institutions provide no college credit and are not paid for by the Millennium Scholarship program.

## **CCSD GUIDANCE & COUNSELING WEBSITE**

The Guidance and Counseling website which can be found at <http://ccsd.net/departments/guidance-counseling> is designed to provide students and parents with information on counseling services provided by the school district. It also serves as a support reference for preparing students for their future educational decisions. Information on diploma requirements, scholarship opportunities and post-secondary opportunities are just a few of examples of what is available on the website.

## INFINITE CAMPUS – INTERNET STUDENT INFORMATION SYSTEM

INFINITE CAMPUS provides users with up-to-date student information and helps to speed the flow of communication. The INFINITE CAMPUS web interface is easy to use and requires no training. Parents can access INFINITE CAMPUS from work or home to check on attendance, report cards, current grading information, and transcripts. Information regarding downloads can be found at:  
[ccsd.net/parents/infinite-campus/choice.php](http://ccsd.net/parents/infinite-campus/choice.php)

## PHYSICAL EDUCATION II WAIVER CREDIT

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

Baseball – Varsity, Junior Varsity	Golf - Varsity
Basketball – Varsity, Junior Varsity, B-Team	Marching Band/Flags/Mascot
Bowling - Varsity, B-Team	Soccer – Varsity, Junior Varsity, B-Team
Cheerleading – Varsity, Junior Varsity, B-Team	Softball – Varsity, Junior Varsity
Cross Country – Varsity	Swimming - Varsity
Dance Group	Tennis - Varsity
Drill Team	Track - Varsity
Flag Football – Varsity, Junior Varsity, B-Team	Volleyball – Varsity, Junior Varsity, B-Team
Football – Varsity, Junior Varsity, B-Team	Wrestling – Varsity, Junior Varsity

Team Managers are not eligible for the P.E. II Waiver; however, they may be eligible for Community Service credit. NOTE: Transfer students may qualify if the sport can be verified.

**Option II:** Students may also earn P.E. II 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 the school district. Use of external credit for the P.E. II Waiver credit requires completion of the CCF-850: 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.

## DUPLICATE COURSE WORK – REPEATING COURSES

A student may repeat a course. A student shall not receive additional credit for the repeated course. The higher grade shall be recorded on the permanent record and the lower grade replaced with a repeated course notation.

A student may repeat a failed course one time to improve a grade. Regardless of the number of times a course is repeated, a grade of an “F” will only be removed once. If applicable, all other “F’s” will remain on a transcript.

# CLARK COUNTY SCHOOL DISTRICT ATHLETIC ELIGIBILITY

## **Initial Eligibility – General Requirements:**

1. Must be enrolled in grades 9-12.
2. Must reside in the school of enrollment's attendance zone.
3. Must be enrolled in a minimum of two units of credit consisting of at least four classes per semester and regularly attend school.
4. Must have passed a minimum of two units of credit the immediate preceding semester with a minimum grade point average of 2.0. A student may earn a maximum of one unit of external credit (summer school, correspondence, etc.) to improve previous semester deficiency.
5. Transfer students are automatically presumed ineligible. Rebuttal of presumption of ineligibility guidelines are contained in Nevada Interscholastic Activities Association (NIAA) regulations (NAC 386.785 – 386.799).
6. **Secondary Magnet School** students who enroll for less than a three (3) year program or enroll in individual classes are ineligible for athletics at the Magnet School for 180 school days. Students who drop from the Magnet program will become automatically ineligible for athletics at the Magnet School for 180 school days. If a student chooses to return to his/her school of residence, he/she would be ineligible for the remainder of that school year and for 180 school days in any sport in which his/her name appeared on a NIAA roster during his/her attendance at the Magnet School.
7. **Secondary Open Enrollment/Select Minority to Majority** students who are selected to attend this type of school are eligible to participate in athletics. Students who change schools will become automatically ineligible for the remainder of the current school year and for 180 school days in any sport his/her name appeared on an NIAA roster during his/her attendance at the Open Enrollment school.
8. **Career Technical Academy/Charter School/Home-Schooled** students are eligible to participate in athletics in the school that is located in the attendance zone of the residence of the parent or legal guardian.

## **Maintenance of Eligibility**

1. Must maintain passing grades in all subjects during the current athletic season.
2. Must regularly attend school. Must be in school in order to participate in practice or games on any given day.
3. Must maintain positive citizenship. Students on RPC or suspension are not eligible to participate. Serious and/or chronic behavior infractions may result in suspension of athletic participation for up to one year, at the discretion of the principal. Additional specific eligibility guidelines are contained in Nevada Interscholastic Activities Association (NIAA) regulations (NAC 386.776 – 386.855) and Clark County School District regulation 5135.

**Additional specific eligibility guidelines are contained in Nevada Interscholastic Activities Association (NIAA) regulations (NAC 386.776 – 386.855) and Clark County School District regulation 5135.**

## CAREER & TECHNICAL EDUCATION COLLEGE CREDIT

CTE College Credit provides an opportunity for secondary students who complete state-approved programs in career and technical education (CTE) to earn postsecondary credit at no cost to the student. CTE College Credit is articulated credit, the high school coursework aligns to postsecondary courses and the teacher of record is a high school CTE teacher.

To qualify for the CTE College Credit, students must:

- (2) Earn a 3.0 grade point average in their CTE course sequence;
- (3) Pass the state end-of-program technical content assessment;
- (4) 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 from 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.

### Career & Technical Education College Credit Programs of Study

Programs of Study	Course Sequence
<p><b>ACCOUNTING &amp; FINANCE</b> <i>Earn up to 6 College Credits</i></p>	<p>Accounting and Finance I (Required) Accounting and Finance II (Required) Accounting and Finance III (Required) Accounting and Finance Advanced Studies</p>
<p><b>ANIMATION</b> <i>Earn up to 6 College Credits</i></p>	<p>Animation I (Required) Animation II (Required) Animation II Lab Animation III (Required) Animation III Lab Animation Advanced Studies</p>
<p><b>COMPUTER SCIENCE</b> <i>Earn up to 6 College Credits</i></p>	<p>Computer Science I (Required) Computer Science II (Required) Computer Science II Lab Computer Science III (Required) Computer Science III Lab AP Computer Science (Required)</p>
<p><b>ENGINEERING</b> <i>College Credits TBA</i></p>	<p>Introduction to Engineering Principles of Engineering Computer Integrated Manufacturing Honors Engineering Design and Development</p>

<b>FASHION DESIGN &amp; CONSTRUCTION</b> <i>College Credits TBA</i>	Fashion Design and Construction I (Required) Fashion Design and Construction II (Required) Fashion Design and Construction III (Required) Fashion Design and Construction Advanced Studies
<b>FOODS &amp; NUTRITION</b> <i>College Credits TBA</i>	Foods and Nutrition I Foods and Nutrition II Foods and Nutrition III Foods and Nutrition Advanced Studies
<b>FORENSIC SCIENCE</b> <i>College Credits TBA</i>	Forensic Science I (Required) Forensic Science II (Required) Forensic Science III Honors (Required) Forensic Science Advanced Studies
<b>MARKETING</b> <i>Earn up to 6 College Credits</i>	Principles of Business and Marketing (Required) Marketing I (Required) Marketing II (Required) Marketing Advanced Studies
<b>PHOTOGRAPHY</b> <i>Earn up to 6 College Credits</i>	Photography I (Required) Photography II (Required) Photography III (Required) Photography Advanced Studies
<b>THEATER TECHNOLOGY</b> <i>Earn up to 6 College Credits</i>	Theater Technology I (Required) Theater Technology II (Required) Theater Technology III (Required) Theater Technology Advanced Studies
<b>VIDEO PRODUCTION</b> <i>Earn up to 6 College Credits</i>	Video Production I (Required) Video Production II (Required) Video Production Lab II Video Production III (Required) Video Production Lab III Video Production Advanced Studies
<b>WEB DESIGN</b> <i>Earn up to 6 College Credits</i>	Web Design and Development I (Required) Web Design and Development II (Required) Web Design and Development II Lab Web Design and Development III (Required) Web Design and Development III Lab Web Design and Development Advanced Studies

# International Baccalaureate Diploma Programme Information

Palo Verde High School is an International Baccalaureate World School offering the Diploma Programme. IB World Schools share a common philosophy: a commitment to high quality, challenging international education. Palo Verde's own mission statement emphasizes the IB philosophy: *the mission of Palo Verde is to prepare students to realize their academic, creative, emotional, physical, social, and career potentials as contributing members of a multicultural society in an international community of mutual respect.* Only schools authorized by the IB Organization can offer the Diploma Programme. For further information about the IB and its programmes, visit <http://www.ibo.org>.



Research by the IB Global Research Department reports the following:

“In the University of California system, DP (Diploma Programme) performance was the best predictor of college performance, and across income groups IB students earned higher grade point averages and graduated at higher rates.”

“Of DP students... who attend college in the US, most enroll directly in *somewhat selective*, or *more selective*, four-year institutions, and generally graduate at higher rates than the institutional averages.”

“In US high schools, IB students rated higher levels of academic, social and emotional engagement...”

*IB World* reports the top TEN reasons why the IB Diploma is ideal for university preparation:

1. It offers academic breadth AND depth,
2. Graduates care about more than just results,
3. It creates independent thinkers who feel prepared,
4. It's a genuinely international qualification,
5. Universities recognize it – and give credit for it,
6. The IB encourages critical thinking,
7. You'll never need to learn time management,
8. It assesses more than examination techniques,
9. Subjects are not taught in isolation, and
10. IB learners are: open-minded, risk-takers, communicators, thinkers, inquirers, balanced, knowledgeable, reflective, caring, and principled

As reported on the IB organization web site: The IB Diploma Programme (DP) is an academically challenging and balanced programme of education with final examinations that prepare students, aged 16 to 19, for success at university and life beyond. It has been designed to address the intellectual, social, emotional and physical well-being of students. The programme, has gained recognition and respect from the world's leading universities.

The Diploma Programme prepares students for effective participation in a rapidly evolving and increasingly global society as students are challenged to complete the following:

- Develop physically, intellectually, emotionally and ethically
- Acquire breadth and depth of knowledge and understanding, studying courses from 6 subject groups
- Develop the skills and a positive attitude toward learning that will prepare them for higher education
- Study at least two languages and increase understanding of cultures, including their own
- Make connections across traditional academic disciplines and explore the nature of knowledge through the programme's unique theory of knowledge course
- Undertake in-depth research into an area of interest through the lens of one or more academic disciplines in the extended essay
- Enhance their personal and interpersonal development through creativity, action and service

## **Requirements**

IB Diploma Programme students must choose one subject from each of groups 1 through group 5 – studies in language and literature, language acquisition, individuals and societies, science, mathematics. Students may choose either an arts subject from group 6, or a second subject from groups 1 to 5. At least three and not more than four subjects are taken at higher level, while the other subjects are taken at standard level. Visit <http://www.ibo.org> for more information.

The Diploma Programme features three core elements that broaden students' educational experience and challenge them to apply their knowledge and skills.

- The extended essay asks students to engage in independent research through an in-depth study of a question relating to one of the Diploma Programme subjects they are studying. The world studies extended essay option allows students to focus on a topic of global significance examined through two Diploma Programme subjects.
- Theory of knowledge develops a coherent approach to learning that unifies the academic disciplines. In this course on critical thinking, students inquire into the nature of knowing and deepen their understanding of knowledge as a human construction.

- Creativity, action, service (CAS) involves students in a range of activities alongside their academic studies throughout the Diploma Programme. Creativity encourages students to engage in the arts and creative thinking. Action seeks to develop a healthy lifestyle through physical activity. Service with the community offers a vehicle for new learning with academic value.

### **Program Aims**

- Provide rigorous and broad-based curricula and assessments.
- Maintain high academic standards common to schools worldwide.
- Allow students to develop individual talents.
- Foster critical and compassionate thinkers.
- Open the window between the classroom and the outside world.
- Foster a lifelong interest in learning as well as informed and responsible citizenship.
- Promote international understanding and a respect for a variety of cultures.
- Facilitate university entrance around the world.

### **What Is It?**

- An internationally recognized program.
- A high quality curriculum that aims to encourage critical thinking by the study of traditional disciplines while encouraging an international perspective.
- A program designed for the academically motivated student who can function across the curriculum and who has learned to manage time well.

### **Why Do It?**

- IB has an international acceptability, which allows for both flexibility and mobility.
- IB educates the “whole person.”
- IB encourages students to appreciate cultures and attitudes other than their own and to be informed, tolerant, and willing to communicate with others.
- The IB approach to education is not encyclopedic. The emphasis is on helping students to learn how to learn and how to analyze.
- IB provides a broad general education while still allowing specialized study in areas corresponding to the individual’s particular interests and plans for the future.
- IB provides rigorous and broad-based curricula and assessments.
- IB maintains high academic standards common to schools worldwide.
- IB allows students to develop individual talents.

**Students must have taken Algebra II and the second year of the same foreign language prior to the start of their junior year.**

## **PVHS International Baccalaureate Diploma Programme Course Descriptions**

(Excerpted and adapted from International Baccalaureate Online Curriculum Centre Subject Guides)

### **IB THEORY OF KNOWLEDGE AND IB STUDY LAB 81903 | 81703**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

TOK is a course about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. The course is a core element which all Diploma Programme students undertake. The TOK course examines how we know what we claim to know. It does this by encouraging students to analyze knowledge claims and explore knowledge questions. A distinction between shared knowledge and personal knowledge is made in the course. As part of the required two-year placement into TOK, students will be co-enrolled in an IB Study Lab which will be used to complete additional Diploma Programme Standard-Level or Higher-Level course hour requirements, and conduct supervised independent research and study. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

### **IB WORLD LITERATURE I AND II 12803 | 12903**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a two-year mandatory Higher-Level (HL) sequence for International Baccalaureate Diploma students. World Literature I is taught in the junior year, and World Literature II is taught in the senior year. The sequence meets the Clark County School District and State of Nevada requirements for junior and senior year English Language Arts. The course is built on the assumption that literature is concerned with our conceptions, interpretations and experiences of the world. Through the study of a wide range of literature, the World Literature sequence encourages students to appreciate the artistry of literature and to develop an ability to reflect critically on their reading. Works are studied in their literary and cultural contexts, through close study of individual texts and passages, and by considering a range of critical approaches. World Literature does not limit the study of works to the products of one culture or the cultures covered by any one language. The study of works in translation is especially important in introducing students, through literature, to other cultural perspectives. The response to the study of literature is through oral and written communication, thus enabling students to develop and refine their command of language. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

NOTE: Students without the prerequisites for placement in either IB Language will have the option of taking the introductory courses as part of their IB programme as ab initio students. This option may be arranged with the approval of the IB Counselor and Coordinator.

### **IB SPANISH III AND IV, OR FRENCH III AND IV**

**78553 | 78573 (Spanish)**

**77583 | 77623 (French)**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a two-year Higher-Level (HL) or Standard-Level (SL) sequence for International Baccalaureate Diploma students. The IB foreign language sequence is an additional language-learning course designed for students with some previous learning of that language. Spanish or French III is taught in the junior year, Spanish or French IV is taught in the senior year. Either sequence meets the Clark County School District and State of Nevada elective requirements for foreign languages. The focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material(s) extend from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The materials are chosen to enable students to develop mastery of language skills and intercultural understanding. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

## **IB US HISTORY AND IB GOVERNMENT 41203 | 42803**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a two-year mandatory Higher-Level (HL) sequence for International Baccalaureate Diploma students. IB US History is taught in the junior year, and IB US Government is taught in the senior year. The sequence meets the Clark County School District and State of Nevada requirements for US History and US Government. The course sequence is an in-depth study of an individual prescribed historical subject and the selection of two topics from the US History. Student inquiry encompasses the main developments in 20th century world history including a comprehensive understanding of the American History, with focused attention on key components of US History and the Constitutional history, institutional framework, development, and policies of the government of the United States. Thus, the IB US History and IB Government sequence provides both structure and flexibility, fostering an understanding of major historical events in a global context. It requires students to make comparisons between similar and dissimilar solutions to common human situations, whether they are political, economic or social. It invites comparisons between, but not judgments of, different cultures, political systems and national traditions.

**Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

## **IB GLOBAL POLITICS I AND II 44903 / 44943**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.** This is a two-year Higher-Level (HL) or Standard-Level (SL) sequence for International Baccalaureate Diploma students. IB Global Politics I is taught during the junior year, and IB Global Politics II is taught in the senior year. The sequence meets the Clark County School District and State of Nevada elective requirements for social studies.

Global Politics explores important political concepts such as power, equality, sustainability and peace in a range of contexts, centered on a unifying theme of “people, power, and politics.” It allows students to develop an understanding of the local, national, international and global dimensions of political activity and processes, as well as to explore political issues affecting their own lives. The course helps students to understand abstract political concepts by grounding them in real-world examples and case studies. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

## **IB BIOLOGY 30403**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a one-year Standard-Level (SL) sequence for International Baccalaureate Diploma students. IB Biology is taught in the junior year. The course meets the Clark County School District and State of Nevada requirements for science. Biologists attempt to understand the living world at all levels using many different approaches and techniques. At one end of the scale is the cell, its molecular construction and complex metabolic reactions. At the other end of the scale, biologists investigate the interactions that make whole ecosystems function. Many areas of research in biology are extremely challenging and many discoveries remain to be made. There are a variety of approaches to the teaching of biology. By its very nature, biology lends itself to an experimental approach, and it is expected that this will be reflected throughout the course. Integral to the experience of students is their experience in the classroom, laboratory or in the field. Practical activities will allow students to interact directly with natural phenomena and secondary data sources. These experiences provide the students with the opportunity to design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers and evaluate and communicate their findings. Experiments can be used to introduce a topic, investigate a phenomenon or allow students to consider and examine questions and curiosities. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

## **IB PHYSICS 32203**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a one-year Standard-Level (SL) sequence for International Baccalaureate Diploma students. IB Physics may be taught in the junior or senior year. The course meets the Clark County School District and State of Nevada requirements for science. Physics is the most fundamental of the experimental sciences, as it seeks to explain the universe itself from the very smallest particles—currently accepted as quarks, which may be truly fundamental—to the vast distances between galaxies. Students will investigate topics from among: measurements and uncertainties, mechanics, thermal physics, wave theory, electricity and magnetism, circular motion and gravitation, atomic, nuclear and particle physics, and energy production. Additional optional study areas may include

relativity, engineering physics, imaging, and/or astrophysics. Experiential activities provide the students with the opportunity to design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers and evaluate and communicate their findings. Experiments can be used to introduce a topic, investigate a phenomenon or allow students to consider and examine questions and curiosities.

### **IB MATHEMATICS I AND II 23253 (SL) | 23343 (HL)**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a two-year Higher-Level (HL) or Standard-Level (SL) sequence for International Baccalaureate Diploma students. The IB Mathematics I is taught in the junior year, IB Mathematics II is taught in the senior year. The course meets the Clark County School District and State of Nevada requirements for mathematics. The SL student has a solid knowledge of basic mathematical concepts and is equipped with the skills needed to apply simple mathematical techniques correctly. The majority of these students will need a deeper mathematical background as they prepare for future studies in subjects such as chemistry, physics, engineering, and technology. Mathematics at the HL caters to students with a more thorough background in mathematics who are competent in a range of analytical and technical skills. The majority of these students will be expected to include advanced mathematics as a major component of their university studies, either as a subject in its own right or within courses such as physics, engineering and technology. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

### **IB MATHEMATICS STUDIES I AND II 23353 | TBD**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a two-year Standard-Level (SL) sequence for International Baccalaureate Diploma students. This course is available only as SL. The course meets the Clark County School District and State of Nevada requirements for mathematics. It has an emphasis on the applications of mathematics, with the largest section focused on statistical techniques. It is designed for students with varied mathematical backgrounds and abilities preparing for future studies in social sciences, business, humanities, languages or the arts. It prepares students to be able to solve problems in a variety of settings, to develop more sophisticated mathematical reasoning, and to enhance their critical thinking. A required individual project is an extended piece of work based on personal research involving the collection, analysis and evaluation of data. Students taking this course are well prepared for careers in social sciences, humanities, languages or arts, as well as a traditional liberal arts education at University. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

### **IB VISUAL ARTS I and II 71413 / 71423**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

**Fee: \$40.00 - Supplies**

This is a two-year Higher-Level (HL) or Standard-Level (SL) sequence for International Baccalaureate Diploma students. IB Visual Arts I is taught in the junior year, and IB Visual Arts II is taught in the senior year. The course meets the Clark County School District and State of Nevada requirements for electives. The Visual Arts sequence encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with, and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to study visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

# Graduation Information

## End of Course (EOC) Exams Parent Guide

The Nevada State Board of Education has established the *Nevada End of Course Assessment Transition* model to assist with understanding Nevada’s high school graduation requirements. For students in the Class of 2017 and the Class of 2018, the graduation requirement for the EOC exams is participation only and students must pass the four courses aligned to the EOCs. Students in the Class of 2019 and beyond, must pass all four of the EOC exams. The EOC exams will be given in the Spring. If there are questions, please speak to your child’s teacher or an administrator at their



### Nevada End of Course Assessment Transition

School Year	Graduation Requirements
<b>Grade: 12</b>	
Class of 2017	<b>Participate in four EOC examinations (Math I/II and ELA I/II) Pass four courses aligned to the EOC exams</b>
<b>Grade: 11</b>	
Class of 2018	<b>Participate in four EOC examinations (Math I/II and ELA I/II) Pass four courses aligned to the EOC exams</b>
<b>Grade: 10</b>	
Class of 2019	<b>Pass four EOC examinations (Math I/II and ELA I/II) Participate in four courses aligned to EOC exams</b>
<b>Grade: 9</b>	
Class of 2020	<b>Pass four EOC examinations (Math I/II, ELA, and Science) Participate in four courses aligned to EOC exams</b>

During the 2016-2017 school year, EOC exams will be given in the Spring of 2017 in the following areas:

- Math I and Math II
- English Language Arts I and English Language Arts II
- Science (2020 and beyond graduating class)
- ELA Combined (2020 and beyond graduating class)

The Nevada State Board of Education adopted cut scores for the Spring 2016 test administration and approved Level 2 as the passing cut scores for Class of 2019 and the Class of 2020 EOC assessments. Students scoring at Levels 2, 3, and 4 have met the graduation requirement for this EOC exam.

#### Class of 2019 and 2020

Assessment	Level 1	Level 2	Level 3	Level 4
<b>ELA I</b>	130-399	400-449	450-513	514-830
<b>ELA II</b>	130-399	400-449	450-513	514-830
<b>Math I</b>	100-399	400-449	450-535	536-900
<b>Math II</b>	100-399	400-449	450-567	568-950

Resources are posted online at <http://www.ccsd.net/divisions/assessment-accountability-research-school-improvement-division/assessment> to include guidance documentation and a parent video.

## **MATRICULATION**

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

## **JUNE GRADUATES**

A June grad is a student who completes graduation requirements between the first day and last day of Term 2. The date of graduation is the last day of Term 2 (not the day of the graduation ceremony) of the current school year.

## **SUMMER GRADUATES**

A summer grad is a student who completes graduation requirements between the last day of Term 2 and the first day of Term 1.

## SUGGESTED PROGRAM SEQUENCE

The following suggested program sequence **meets the minimum requirements for graduation with a Standard Diploma.** This sequence is not a college preparatory program.

<u>NINTH GRADE</u>	<u>TENTH GRADE</u>	<u>ELEVENTH GRADE</u>	<u>TWELFTH GRADE</u>
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. P.E. I	4. P.E. II	4. U. S. History	4. Elective
5. Health/9 <sup>th</sup> GR Stud.	5. World History	5. Elective	5. Elective
6. Foreign Language	6. Foreign Language	6. Elective	6. Elective
7. Elective	7. Elective	7. Elective	7. Elective
8. Elective	8. Elective	8. Elective	8. Elective

### FOUR YEAR COURSE 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, the designation of a career pathway and enrollment in dual credit, career and technical education, Advanced Placement (AP), International Baccalaureate (IB), and Honors 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.

### CONCURRENT CREDIT OPTIONS

Concurrent credits are credits a student earns from another CCSD sponsored school while still attending his/her home school. The student may earn credit within the scope of the day at the home school, and/or earn credits by enrolling in another school or program within the District. **A student may not be enrolled in two or more instances of the same course concurrently.** All concurrent course enrollments require prior approval from school counselors/administrators. There is no limit on earning concurrent credits. See your counselor for more information on the following concurrent programs:

- **Nevada Learning Academy** - For specific information, including fees, call (702) 855-8435 or visit <http://nvlearningacademy.net/>.
- **Adult Education** - For specific information on this program, call (702) 799-8650, extension 317 or visit <http://schools.ccsd.net/aded/>
- **Horizon/Sunset High Schools/Programs** - Call (702) 855-9775 for more information or visit <http://ccsd.net/divisions/education-services-division/adult-education-horizon-sunset-high-schools>.
- **Summer School** - Students may earn credit during the summer. Registration information is available in the counseling office in the spring. Additional information is available at <http://ccsd.net/schools/summer-school/>.

## EXTERNAL CREDIT OPTIONS

External credits are credits earned beyond the regular school day. Students currently enrolled in a Clark County high school may earn a maximum of six external credits toward graduation. If a student completes a recognized Advanced Placement (AP) curriculum from an accredited institution, AP credit will be awarded. Honors designation will be awarded for approved dual credit courses.

**All external credit options require prior approval from the student’s school of full-time enrollment using the CCF-850 External Credit Application.**

### Maximum Credit Options

Students enrolled in the Clark County School District may earn a total of six (6) external credits. **Not more than three (3)** external credits in English, mathematics, science, and social studies may be applied toward graduation.

External credits from the following programs are accepted when successfully completed in accordance with the Clark County School District’s guidelines:

<b>Community Service Credit</b>	A maximum of one credit may be earned for students who complete 120 hours of volunteer service with an approved community agency. One-half credit may be earned for 60 hours of service; court mandated hours do not count for Community Service credit.
<b>Correspondence Credit</b>	Credits may be earned for courses completed online from approved institutions. The costs of courses vary. Students must conform to the procedures set by the credit granting institution.
<b>Credit By Exam</b>	Students may earn credit by obtaining a score of 70% or better on an examination for a course they have not taken previously or are not enrolled in currently. For a complete list of credit by exam course offerings and fees, see the NVLA website at <a href="http://nvlearningacademy.net/">http://nvlearningacademy.net/</a> or call (702) 885-8435. Credit by Exam cannot count toward Honors credit.
<b>Dual Credit</b>	High school credit can be earned for approved college or university courses not offered at the student's school of enrollment. A three credit college/university course equals one-half unit of high school credit.
<b>Educational Travel Credit</b>	A maximum of one credit may be granted to students who keep a journal while traveling for 42 consecutive days or 1/2 credit for 21 consecutive days. Students must submit their completed journals for evaluation to determine credit.
<b>Enrichment Program Credit</b>	Students may receive credit for academically accelerated courses taken at accredited institutions.
<b>Music Equivalent Credit</b>	A maximum of one credit may be granted to students participating in a music program not offered by the Clark County School District. Credit granting is monitored by the CCSD Department of Fine Arts. Specific application forms must be submitted along with time log. Call (702) 799-8531 for more information.
<b>Physical Education II Waiver</b>	Option II PE Waiver requires 120 hours of external course work completed under the direct supervision of a qualified instructor or coach who is a credentialed and/or licensed professional outside the school district. The activity must be geared toward competition or performance-based, and it is expected that the student will compete/perform in the activity.

# Graduation Requirements

## 21<sup>ST</sup> CENTURY COURSE OF STUDY EXPECTATIONS

The Clark County School District expects all students to meet the requirements of the 21<sup>st</sup> Century Course of Study. In addition to the three years of mathematics and two years of science necessary to graduate with a high school standard diploma, students will be scheduled into a fourth year of mathematics, which will include Algebra II, and a third year of science, which will include Biology. **The school district expects its students to satisfy the 21st Century Course of Study expectations so that they may be competitive in higher education and the workforce and be prepared to take full advantage of what the world has to offer beyond high school.**

The Clark County School District believes that all students must be prepared for the following post-secondary opportunities:

- University/Four-Year College
- Community/Two-Year College
- Trade/Technical School
- Workforce

21 <sup>ST</sup> CENTURY COURSE OF STUDY EXPECTATIONS	
AREAS OF STUDY	UNITS
ENGLISH	4
MATHEMATICS (Includes Algebra II)	4
SCIENCE (Includes Biology)	3
WORLD HISTORY or GEOGRAPHY	1
U.S. HISTORY	1
U.S. GOVERNMENT	1
PHYSICAL EDUCATION	2
HEALTH	½
USE OF COMPUTERS	½
ELECTIVES (Includes one Arts/Humanities or Career & Technical Education Course)	5½
<b>TOTAL</b>	<b>22½</b>

The 21<sup>st</sup> Century Course of Study provides the following for students:

- Opens Doors to Post-Secondary Education and Workforce Opportunities
- Meets Nevada System of Higher Education (NSHE) University Admissions Expectations
  - 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)
- Prepares Students for the Governor Guinn Millennium Scholarship
  - **3.25 cumulative GPA** (weighted or weighted with Bonus Points), or **21 ACT Composite score, or 990 combined SAT** (taken prior to March 2016, or 1070 combined SAT (taken on or before March 2016, and the core curriculum below
  - Approved NSHE Core Curriculum (4 English, 4 Math – including Algebra II or higher, 3 Natural Science, 3 Social Science & History = 14 units)
  - Students may not take coursework **after graduation** to meet Millennium Eligibility

**The 21<sup>st</sup> Century Course of Study Core Curriculum requirements are aligned with the Governor Guinn Millennium Scholarship minimum core curriculum requirements as outlined in both the Nevada Revised Statutes (NRS) Chapter 396 and Nevada System of Higher Education (NSHE) Board of Regents Handbook Title 4 Chapter 18 Section 9.**

## STANDARD DIPLOMA

To receive a standard high school diploma, each student must complete twenty-two and one-half (22 ½) units of approved course work.

STANDARD DIPLOMA	
REQUIRED/ELECTIVE AREAS OF STUDY	UNITS
ENGLISH	4
MATHEMATICS	3
SCIENCE	2
WORLD HISTORY or GEOGRAPHY *	1
U.S. HISTORY	1
U.S. GOVERNMENT	1
PHYSICAL EDUCATION	2
HEALTH	½
21 <sup>st</sup> CENTURY LEARNING **	½
ELECTIVES	7½
<b>TOTAL</b>	<b>22½</b>

\* World History or Geography is required for all Clark County School District students. World History or Geography taken in CCSD fulfills the Arts/Humanities or Career and Technical Education state requirement.

\*\* Successful completion of a one-semester computer literacy course offered in grades 6, 7, or 8 will satisfy the 21st Century Learning graduation requirement.

### Testing Requirements

Cohort 2016 must **pass** four (4) Nevada High School Proficiency Examinations (HSPE) and take the College and Career Readiness Assessment (ACT). Cohorts 2017 and 2018 must **take** Nevada End-of-Course (EOC) Examinations and take the ACT. Cohorts 2019 and beyond must **pass** Nevada End-of-Course (EOC) Examinations and take the ACT.

### Additional Course Requirements

Cohorts 2017 and 2018 must **pass** year-long courses aligned to the EOC Examinations. Cohorts 2019 and beyond must **take** year-long courses aligned to the EOC Examinations.

Students enrolled in Grade 11 of a Nevada school during an administration of the College and Career Readiness Assessment (ACT) must take the ACT to be eligible for a diploma. Students not enrolled in Grade 11 of a Nevada public school on either of the administration dates of the ACT are exempt from assessment participation requirements for graduation (NRS 389.807).

## ADVANCED DIPLOMA

To receive an Advanced Diploma, each student must complete twenty-four (24) units of approved course work and pass or participate in the required state assessment based on cohort, and achieve a minimum of a 3.25 unweighted GPA.

ADVANCED DIPLOMA	
REQUIRED/ELECTIVE AREAS OF STUDY	UNITS
ENGLISH	4
MATHEMATICS	4
SCIENCE	3
WORLD HISTORY or GEOGRAPHY *	1
U.S. HISTORY	1
U.S. GOVERNMENT	1
PHYSICAL EDUCATION	2
HEALTH	½
21 <sup>st</sup> CENTURY LEARNING **	½
ARTS / HUMANITIES or CAREER AND TECH ED ELECTIVE	1
ELECTIVES	6
<b>TOTAL (3.25 GPA without Bonus Points)</b>	<b>24</b>

\* Successful completion of a one-semester computer literacy course offered in grades 6, 7, or 8 will satisfy the 21st Century Learning graduation requirement.

\*\* For students pursuing the Advanced Diploma, World History or Geography will satisfy either the student's third social studies credit or the student's Arts/Humanities or Career and Technical Education elective credit but not both.

### Testing Requirements

Cohort 2016 must **pass** four (4) Nevada High School Proficiency Examinations (HSPE) and take the College and Career Readiness Assessment (ACT). Cohorts 2017 and 2018 must **take** Nevada End-of-Course (EOC) Examinations and take the ACT. Cohorts 2019 and beyond must **pass** Nevada End-of-Course (EOC) Examinations and take the ACT.

### Additional Course Requirements

Cohorts 2017 and 2018 must **pass** year-long courses aligned to the EOC Examinations. Cohorts 2019 and beyond must **take** year-long courses aligned to the EOC Examinations.

Students enrolled in Grade 11 of a Nevada school during an administration of the College and Career Readiness Assessment (ACT) must take the ACT to be eligible for a diploma. Students not enrolled in Grade 11 of a Nevada public school on either of the administration dates of the ACT are exempt from assessment participation requirements for graduation (NRS 389.807).

## ADVANCED HONORS DIPLOMA

The following subjects are needed to meet the Advanced Honors Diploma requirements:

Students planning to apply to universities with competitive admission requirements may pursue the CCSD Advanced Honors Diploma. The Advanced Honors Diploma requires additional rigorous coursework beyond those required for the Advanced Diploma. Students will be required to fulfill the 24.0 credit Advanced Diploma requirements (including 4-years of mathematics, 3-years of science and an additional Arts/Humanities or Career and Technical Education course) and must complete the Honors, International Baccalaureate (IB), or Advanced Placement (AP) courses required of the Honors Course Program. Students must achieve a minimum of a 3.25 without Bonus Points GPA and 3.85 GPA with Bonus Points. GPA calculations are exact and not rounded to meet diploma requirements.

ADVANCED HONORS DIPLOMA		
Required/Elective Areas of Study	Advanced Diploma	Honors Course Program
ENGLISH	4	3
MATHEMATICS	4	2
SCIENCE	3	2
SOCIAL STUDIES (must earn all 3 credits) World History or Geography U.S. History U.S. Government	3	2
PHYSICAL EDUCATION	2	
HEALTH	½	
21 <sup>st</sup> CENTURY LEARNING *	½	
ARTS/HUMANITIES or CAREER TECH ED	1	
+ELECTIVES	6	3*
<b>TOTAL (3.25 GPA without Bonus Points and 3.85 GPA with Bonus Points)</b>	<b>24</b>	<b>12</b>
+Must include one Honors Foreign Language Course. First year foreign language classes will not receive Honors credit. Student must achieve a minimum 3.25 GPA without Bonus Points and a minimum 3.85 GPA with Bonus Points.		

\* Successful completion of a one-semester computer literacy course offered in grades 6, 7, or 8 will satisfy the 21<sup>st</sup> Century Learning graduation requirement.

\*\* For students pursuing the Advanced Diploma, World History or Geography will satisfy either the student's third social studies credit or the student's Arts/Humanities or Career and Technical Education elective credit but not both.

\*\*\* First year foreign language courses will not receive Honors credit.

### Testing Requirements

Cohort 2016 must **pass** four (4) Nevada High School Proficiency Examinations (HSPE) and take the College and Career Readiness Assessment (ACT). Cohorts 2017 and 2018 must **take** Nevada End-of-Course (EOC) Examinations and take the ACT. Cohorts 2019 and beyond must **pass** Nevada End-of-Course (EOC) Examinations and take the ACT.

### Additional Course Requirements

Cohorts 2017 and 2018 must **pass** year-long courses aligned to the EOC Examinations. Cohorts 2019 and beyond must **take** year-long courses aligned to the EOC Examinations.

Students enrolled in Grade 11 of a Nevada school during an administration of the College and Career Readiness Assessment (ACT) must take the ACT to be eligible for a diploma. Students not enrolled in Grade 11 of a Nevada public school on either of the administration dates of the ACT are exempt from assessment participation requirements for graduation (NRS 389.807).

## **Honors Courses with Bonus Points**

### **GRADE POINT AVERAGE (GPA) CALCULATIONS**

- The GPA will be calculated on a 4-point scale (A=4, B=3, C=2, D=1, F=0)
- A maximum of fourteen (14) courses or twenty-eight (28) semesters of Honors, Advanced Placement (AP), and/or International Baccalaureate (IB) courses will receive Bonus Points.
- Bonus Points for successful completion of Honors, Advanced Placement (AP), and International Baccalaureate (IB) courses will be added as follows:
  - Honors .025
  - Advanced Placement (AP) .050
  - International Baccalaureate (IB) .050
- The Bonus Points for Advanced Placement (AP) and International Baccalaureate (IB) courses shall be incorporated only when a student participates in a cumulative examination.
- The exception for the aforementioned cumulative examination(s) requirement only exists if the course load for a student exceeds three courses per semester. A fourth or subsequent number of Advanced Placement (AP) or International Baccalaureate (IB) courses taken by a student in a semester does not require the participation in the cumulative examination. Students may choose which three Advanced Placement (AP) or International Baccalaureate (IB) tests to take related to that semester/year-long course.
- Parents or guardians may waive the testing requirement related to Advanced Placement (AP) and International Baccalaureate (IB) by contacting the school administration. This direct waiver request by a parent or guardian will result in the student receiving a weighted grade point factor of .025 for the completion of the Advanced Placement (AP) and International Baccalaureate (IB) courses successfully completed.
- The student who does not pursue the Advanced Honors diploma may still enroll in Honors or Advanced Placement (AP) courses and receive the Bonus Points previously described if the student participates in a cumulative examination in each semester which is successfully completed for a maximum of fourteen (14) courses or twenty-eight (28) semesters of Honors classes.

### **Advantages of the Honors Course Offerings:**

- 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 I or ACT scores.
- Enrollment in the Honors Program 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 Program

AP Courses for both core requirements and electives are available at Palo Verde High School. These courses are listed under each relevant department. Students and parents should review each department's course offerings to select those courses that are of interest.

## AP Statement from Palo Verde Faculty and Administration:

Students intending to register for Advanced Placement courses must be prepared for college-level assignments in reading, writing and mathematical computation. Further, they must be aware of the commitment and responsibility to the additional hours of study time and independent thinking which these courses will demand. AP classes are well worth the demanding personal commitment to academic achievement that each student must demonstrate as he or she prepares for the rigors of college.

## AP International Diploma

The AP International Diploma (APID) was designed to accommodate American and international students at secondary schools in the United States and abroad who are applying to a university in a foreign country. *AP College Board issues the certificate, not Palo Verde High School.* In order to qualify for the APID, students must earn AP grades of three or higher on **five** AP exams in three of five subject areas and complete the following requirements:

- Students must take two exams from two different languages;
- One exam from a course offering a global perspective;
- One exam from the sciences or mathematics; and
- One or more additional exams from any content area, except English and World Languages, but including history and social sciences, and the arts.

The subject areas for the **APID** and the courses offered at Palo Verde that satisfy the requirements follow:

### English and World Languages:

- English Language and Composition
- English Literature and Composition
- Spanish Language and Culture

### Global Perspective:

- Human Geography
- World History

### Mathematics

- Calculus AB
- Calculus BC

- Statistics

### Science

- Biology
- Chemistry
- Physics I

### History and Social Sciences:

- Economics
- Psychology
- US History
- US Government and Politics

Students must indicate on at least one AP Exam answer sheet that the results should be sent to a university outside the United States. Information regarding universities that use AP in their admissions may be found under AP International Recognition at the AP College Board website.

For further information, contact: [international@collegeboard.org](mailto:international@collegeboard.org) or review the APID information available at the College Board website.

# Special Education

An Individual Education Program (IEP) for each special education student must be developed and reviewed annually. The appropriate course of study leading to the program completion will be determined by the IEP committee. It is recommended that this decision be made at the ninth-grade level with parent approval and be reviewed annually at an IEP meeting.

## **Standard High School Diploma**

A special education student may earn a standard high school diploma:

1. Upon completion of credit requirements in general and/or special education courses including the required areas of study.  
This includes Algebra I.
2. Upon successful completion of the End of Course Exams as outlined on page 17.

## **Adjusted High School Diploma**

A special education student may earn an adjusted high school diploma:

1. Upon completion of credit requirements in special education and/or general courses, or
2. Successful completion of IEP requirements. Graduation Ceremony Recognition

# Graduation Ceremony Recognition

PVHS High Honors	3.8 or above GPA (weighted)
PVHS Honors	3.5 GPA—3.799 GPA (weighted)

## VALEDICTORIAN AND SALUTATORIAN

Identification of Valedictorian(s) and Salutatorian(s)

1. Valedictorian(s), student(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.
2. Final Valedictorian(s) and Salutatorian(s) will be determined based on the completion of all high school credit course work.

# Post Graduation Planning

## GOVERNOR GUINN MILLENIUM SCHOLARSHIP

The State of Nevada's Governor Guinn Millennium Scholarship Program provides financial support to Nevada's high school graduates who 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 Scholarship requirements upon high school graduation, the District will submit your name in mid-July to the Office of the State Treasurer. You will receive an award notification early August. A factsheet on policy guidelines and requirements for eligibility can be obtained by calling 1-888-477-2667 or at [www.nevadatreasurer.gov](http://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 matters hereto.

## COMMUNITY COLLEGE SYSTEM INFORMATION

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

## COLLEGE/UNIVERSITY INFORMATION

Minimum graduation requirements may not necessarily qualify students for admission to the college of their choice. For information concerning specific admission requirements, students may consult the PVHS College Counselor; reference materials located in the library; college or university websites; college and university directories; and/or college catalogs located in the Palo Verde High School Counseling Center.

## NCAA INITIAL ELIGIBILITY REQUIREMENTS

In order to participate in collegiate athletics, students must register with the NCAA at [www.eligibilitycenter.org](http://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 according to the distribution requirements below. Seven of the 10 must be a combination of English, math or natural or physical science. These 10 courses become "locked in" at the start of the seventh semester and cannot be retaken for initial eligibility.

**Beginning August 1, 2016, Division I core GPA to be eligible for competition is 2.300.** Student-athletes that do not meet the 2.300 core GPA may still be eligible for practice and athletic aid, but not competition, as an Academic Redshirt. 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](http://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.*

<u>Required Courses*</u>	<u>Division I</u>	<u>Division II</u>
English	4	3
Mathematics (Alg I or higher)	3	2
Science (minimum 1 lab science)	2	2
Additional In Above	1	3
Social Studies	2	2
Additional Core Courses**	4	4

\* Required courses must be taught at or above grade level, be academic and college preparatory in nature, and be taught by a qualified instructor

OR

Required courses must appear on the Approved Courses list for your high school ([www.eligibilitycenter.org](http://www.eligibilitycenter.org))

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

# Code of Honor

## NEVADA DEPARTMENT OF EDUCATION

There is a clear expectation that all students will perform academic tasks with honor and integrity, with the support of parents, staff, faculty, administration, and the community. The learning process requires students to think, process, organize, and create their own ideas. Throughout this process, students gain knowledge, self-respect, and ownership in the work that they do. These qualities provide a solid foundation for life skills, impacting people positively throughout their lives. Cheating and plagiarism violate the fundamental learning process and compromise personal integrity and one's honor. Students demonstrate academic honesty and integrity by not cheating, plagiarizing, or using information unethically in any way.

### **What is cheating?**

Cheating or academic dishonesty can take many forms, but always involves the improper taking of information from and/or giving of information to another student, individual, or other source. Examples of cheating can include, but are not limited to:

- Taking or copying answers on an examination or any other assignment from another student or other source
- Giving answers on an examination or any other assignment to another student
- Copying assignments that are turned in as original work
- Collaborating on exams, assignments, papers, and/or projects without specific teacher permission
- Allowing others to do the research or writing for an assigned paper
- Using unauthorized electronic devices
- Falsifying data or lab results, including changing grades electronically

### **What is plagiarism?**

Plagiarism is a common form of cheating or academic dishonesty in the school setting. It is representing another person's works or ideas as your own without giving credit to the proper source and submitting it for any purpose.

Examples of plagiarism can include, but are not limited to:

- Submitting someone else's work, such as published sources in part or whole, as your own without giving credit to the source
- Turning in purchased papers or papers from the Internet written by someone else
- Representing another person's artistic or scholarly works such as musical compositions, computer programs, photographs, drawings, or paintings as your own
- Helping others plagiarize by giving them your work

All stakeholders have a responsibility in maintaining academic honesty. Educators must provide the tools and teach the concepts that afford students the knowledge to understand the characteristics of cheating and plagiarism. Parents must support their students in making good decisions relative to completing course work assignments and taking exams. Students must produce work that is theirs alone, recognizing the importance of thinking for themselves and learning independently, when that is the nature of the assignment. Adhering to the Code of Honor for the purposes of academic honesty promotes an essential skill that goes beyond the school environment. Honesty and integrity are useful and valuable traits impacting one's life.

*Questions or concerns regarding the consequences associated with a violation of the Code of Honor may be directed towards your child's school administration and/or the school district.*

# Administrative Placed Classes

## **FUNDAMENTAL MATH CONCEPTS 2480**

### **Prerequisite: Administrative placement only**

This one-year, supplemental course in math is designed for students who need additional instruction and support to master necessary math concepts. It is designed to provide students w/additional instruction in conjunction with the student's course of study. This course will fulfill one of the elective credits required for high school graduation. This course does not fulfill one of the mathematics credits required for graduation.

## **READ 180 1415**

### **Prerequisite: 9<sup>th</sup> Grade Level Administrative placement only**

Read 180 is an intensive reading intervention program designed to improve reading skills. English 9 teachers administer a pre-assessment during the first week of school. Based on student results from the pre-assessment, the Scholastic Reading Inventory may be administered to obtain a lexile score. It is this score that will be used to recommend placement in the Read 180 Program. Read 180 involves students in the reading and writing processes with small group discussions, independent reading, and an individualized computer program. The class has produced excellent results with many students beginning to enjoy reading and improving their reading level between two to five grade levels within one year.

## **LEADERSHIP 4534**

### **Prerequisite: Administrative placement only**

Students elected to a student government office or selected to participate in a student government position must be enrolled in this class. This class fulfills one elective credit required for graduation.

## **FRESHMAN STUDIES 8050**

### **Prerequisite: Teamed with Health**

This one-year course is designed for ninth grade students to provide a smooth transition into the high school setting and develop a sense of community and ownership. Emphasis will be placed on developing a long-range educational plan. This course will fulfill one elective credit required for high school graduation.

## **IT ESSENTIALS II 5368**

### **Prerequisite: ECS recommendation**

This is a course for eleventh and twelfth graders that provides hands-on as well as theoretical experience with computers. Students will learn about and perform installation upgrading, and troubleshooting of microcomputers.

# Air Force – JROTC

AFJROTC is a *citizenship program* for high school students. It encourages student (cadet) involvement in the local community to produce well-informed and helpful citizens. The program focuses on academics, leadership, wellness, and drill. The academic portion is divided into the following topics: 1) History of Aerospace, 2) Science of Aerospace, 3) global and cultural studies, and 4) Policy and Organization. The leadership portion places the cadets in situations to test their abilities to follow and lead. In the drill portion, the cadets will learn to march and follow military customs and courtesies. To enhance the classroom learning, cadets participate in extracurricular and social activities such as field trips, drill teams, color guards, model rocketry, and military banquets. Students incur NO military service commitment. AFJROTC Aerospace Science I, II, III, and IV courses can earn two credits each from the University of Colorado at Colorado Springs. For more information, please visit our website at: [www.paloverdeafjrotc.org](http://www.paloverdeafjrotc.org). **All Cadets are required to wear the AFJROTC uniform and maintain military grooming standards which include haircuts and no facial hair.**

## **AFJROTC Aerospace Science I 5190**

**Prerequisites: Enrolled in Algebra I or higher, and instructor approval.**

This is an introductory course that details the role of airpower and the military in the history of the United States and its National Policy. It also explores the composition of the U.S. aerospace community. Students are expected to master the fundamentals, customs, and courtesies of the armed forces, drill and ceremonies, lessons in organization and management, communication skills, and problem solving skills. Practical activities revolve around physical fitness training and incorporating our Core Values of Respect, Responsibility, Integrity, Courage, Patriotism, Competence, Tenacity, and Service into the student's life. This course fulfills the PE I or PE II requirement for graduation.

## **AFJROTC Aerospace Science II 5195**

**Prerequisite: AFJROTC I and instructor approval.**

This course studies the aerospace environment, the human requirements of flight, the principles of flight, and air navigation. In addition, students are expected to master the fundamentals, customs, and courtesies of the armed forces; drill and ceremonies; lessons in organization and management; communication skills, and problem solving skills. Practical activities revolve around physical fitness training and incorporating our Core Values of Respect, Responsibility, Integrity, Courage, Patriotism, Competence, Tenacity, and Service into the student's life. This course fulfills the PE I or PE II requirement for graduation.

## **AFJROTC Aerospace Science III 5200**

**Prerequisite: AFJROTC II and instructor approval.**

This is a course of study exploring the Global and Cultural Studies of seven of the world's regions, including the Middle East, South Asia and Latin America. Cadets will become familiar with the "whys" of the events in these parts of the world. In addition, students are expected to master the fundamentals, customs, and courtesies of the armed forces; drill and ceremonies; lessons in organization and management; communication skills, and problem solving skills. Practical activities revolve around physical fitness training and incorporating our Core Values of Respect, Responsibility, Integrity, Courage, Patriotism, Competence, Tenacity, and Service into the student's life. This course fulfills one of the elective requirements for graduation.

### **AFJROTC Aerospace Science IV 5205**

**Prerequisite: AFJROTC III and instructor approval.**

AS-IV cadets serve as mid-level leaders (senior NCO to company grade officer level) at the squadron level. They will continue to develop their followership and leadership skills. Course of study will include the application of these skills plus one of the following: history of flight; science of flight; or cultural studies. In addition, students are expected to master the fundamentals, customs, and courtesies of the armed forces; drill and ceremonies; lessons in organization and management; communication skills, and problem solving skills. Practical activities revolve around physical fitness training and incorporating our Core Values of Respect, Responsibility, Integrity, Courage, Patriotism, Competence, Tenacity, and Service into the student's life. This course fulfills one of the elective requirements for graduation.

### **AFJROTC Aerospace Science IV Honors 52054**

**Prerequisite: AFJROTC III and instructor approval.**

AS-IV Honors cadets are the Wing senior staff (field grade officer level) for the Cadet Corps. They will manage all aspects of the JROTC Program to include: command, operations, information management, personnel administration, awards and decorations, finance, public affairs, discipline, and resource management. Emphasis is placed on the cadets experiencing the duties and responsibilities of being leaders. Advanced study will cover leadership, communication, survival skills, and the obligations and opportunities of the military services. It includes a survey of international relations, the elements of national power, and the nature and development of military doctrine. In addition, students are expected to master the fundamentals, customs, and courtesies of the armed forces; drill and ceremonies; lessons in organization and management; communication skills, and problem solving skills. Practical activities revolve around physical fitness training and incorporating our Core Values of Respect, Responsibility, Integrity, Courage, Patriotism, Competence, Tenacity, and Service into the student's life. This course fulfills one of the elective requirements for graduation. Cadets are selected by the AFJROTC instructor staff to be AS-IV Honors cadets.

### **AFJROTC Drill & Leadership 5480**

**Prerequisite: Concurrent enrollment in Aerospace Science I, II, III, IV or IV Honors and selected by the instructor.**

Drill and leadership is a class for existing AFJROTC cadets. Drill and leadership cadets will become members of the AFJROTC Special Teams. These teams include: the Color Guard, the Armed Drill Team, and the Unarmed Drill Team. These teams give the Cadets intense exposure to military customs, courtesies, and discipline, as well as, advanced leadership experiences. This course fulfills one of the elective requirements for graduation. Cadets are selected by instructors to be members of the special teams.



# Department of Art

Like French or Spanish, art is a language that can be learned and understood. Like science, art is based on a natural order and relationship of elements. Like mathematics, art possesses certain principles that are logical, time-proven, and constant guidelines to pictorial organization. Like social studies, art promotes an awareness and understanding of people and cultures. Courses listed below fulfill the arts/humanities credit required for graduation.

## **ART I 7035**

**Fee: \$40/ year \***

Have you ever wondered about your hidden talents? Art I is a survey course which allows you to discover them through creating works of art in various media such as painting, ink drawing, cont'e, charcoal, pastels, and others. Discover the world of de- sign, develop the skill of drawing, explore abstraction and its mysteries.

## **DRAWING 7085**

**Prerequisite: Passed Art I with C or better. 10<sup>th</sup>-12<sup>th</sup> graders only**

**Fee: \$40/ year \***

Explore and develop the most fundamental and basic of the art skills--drawing. Learn to see and express the world through your eyes and put it into the language of the picture. Learn proportion, perspective, and composition. Draw still life, portrait, and landscape in a variety of media: pen and ink, charcoal, pastel, pencil, and cont'e.

## **PAINTING 7105**

**Prerequisite: Passed Art I with C or better. 10-12<sup>th</sup> graders only**

**Fee: \$40/ year \***

Develop and explore skills in two dimensional art's highest form. Learn the basic methods and techniques of the great masters such as Da Vinci, Rubens, and Rembrandt. Work in various painting media, such as acrylics, water colors tempera, and oils. Students must provide their own brushes and palette.

## **CERAMICS I 7055**

**Fee: \$40/year**

Mold and shape your own world in clay. Explore a variety of ways to create with clay as a medium. Learn hand building to beginning potter's wheel techniques. Learn to fire and glaze. Touch and experience one of mankind's oldest art forms. Safety factors, historical appreciation, tools and vocabulary development are all parts of this course. This course will fulfill either one elective credit or one Arts/Humanities credit required for high school graduation.

## **CERAMICS II 7060**

**Prerequisite: Ceramics I**

**Fee: \$40/ per year\***

Advanced ceramics students will have an opportunity to explore contemporary skills being used in ceramics, and to develop skills in all areas of ceramics. Vocabulary development, exploration of advanced surface decoration, the use of a variety of firing methods and communication of artistic ideas will be emphasized. Students will analyze and discuss their work and the work of others and will be required to exhibit their work. Instructional practices will incorporate integration of diversity awareness including appreciation for all cultures and their important contribution to our society. The appropriate use of technology is an integral part of this course. This course will fulfill either one elective credit or one Arts/Humanities credit required for high school graduation.

### **CERAMICS III 7065**

**Prerequisites: Ceramics I & II**

**Fee: \$40/ per year\***

This one-year advanced course is designed to follow Ceramics I and II and will build upon knowledge of three dimensional designs specific to ceramic arts. In this advanced class, a student will further develop hand-building or wheel throwing skills or a combination of both. Vocabulary development, exploration of advanced surface decoration, the use of a variety of firing methods and communication of artistic ideas will be emphasized. Students will analyze and discuss their work and the work of others and will be required to exhibit their work. Instructional practices will incorporate integration of diversity awareness including appreciation for all cultures and their important contribution to our society. The appropriate use of technology is an integral part of this course. This course will fulfill either one elective credit or one Arts/Humanities credit required for High School graduation.

### **IB VISUAL ARTS I and II 71413 / 71423**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

**Fee: \$40.00 - Supplies**

This is a two-year Higher-Level (HL) or Standard-Level (SL) sequence for International Baccalaureate Diploma students. IB Visual Arts I is taught in the junior year, and IB Visual Arts II is taught in the senior year. The course meets the Clark County School District and State of Nevada requirements for electives. The Visual Arts sequence encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with, and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to study visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

**\*cost of student's initial supplies for projects taken home. If a student is enrolled in a 2<sup>nd</sup> or 3<sup>rd</sup> arts class at the same time, the 2<sup>nd</sup> fee is reduced 50%, and the 3<sup>rd</sup> class fee is waived.**

# Department of Career & Technical Education

## Accounting and Finance

### **ACCOUNTING AND FINANCE I 6008**

**Prerequisite: None**

This course is an introduction to both accounting and finance. This course is an introduction to accounting processes, practices, and concepts as well as an introduction to the world of finance. Topics include debits and credits, career pathways, and a survey of the many industries associated with accounting and finance such as accounting, banking, insurance and investments. Students will be introduced to standard accounting software.

### **ACCOUNTING AND FINANCE II 6011**

**Prerequisite: Accounting and Finance I**

This course is a continuation of Accounting and Finance I. Students will learn occupational skills in accounting such as recording business transactions, preparing financial statements, maintaining cash controls and calculating financial ratios. Students will practice using standard accounting software and apply generally accepted accounting principles. Topics will also include regulations related to the banking and finance industries, how managers use financial information generated by accounting departments to influence decision-making. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **ACCOUNTING AND FINANCE III 6014**

**Prerequisite: Accounting and Finance II**

This course is a continuation of Accounting and Finance II. Students will learn advanced occupational skills in accounting and how they relate to reports used by managers and directors. Students will learn the importance of accounting data in making decisions through an understanding of financial reports such as profit and loss statements, cash flow statements and pro forma statements. Ethics and regulations will be a discussed throughout this course. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

### **ACCOUNTING AND FINANCE ADVANCED STUDIES 6005**

**Prerequisite: Accounting and Finance III**

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.

## Animation

### **ANIMATION I 6074**

**Prerequisite: None**

This course introduces students to the basic principles of two and three-dimensional computer animation and graphics. Areas of study include storyboarding, character creation, background development, traditional animation techniques, and the use of industry-standard technology. Projects are provided to develop the student's career-based animation skills.

### **ANIMATION II 6077**

**Prerequisite: Animation I and Teacher Approval**

This course is a continuation of Animation I. This course provides students further instruction in principles of two and three-dimensional computer animation and graphics. Areas of study include storyboarding, character creation, modeling, background development, and traditional animation techniques. Projects are provided to develop the student's career-based animation skills. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **ANIMATION II Lab 6080**

#### **Prerequisite: Concurrent enrollment in Animation II**

This course is designed to expand the students' opportunities for applied learning. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the classroom instruction. The coursework will encourage students to explore and develop advanced skills in their program area. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **ANIMATION III 6083**

#### **Prerequisite: Animation II and Teacher Approval**

This course is a continuation of Animation II. This course provides students advanced instruction in principles of two and three-dimensional computer animation and graphics. Areas of study include storyboarding, character creation, modeling, background development, and traditional animation techniques. Projects are provided to develop the student's career-based animation skills. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

### **ANIMATION III Lab 6086**

#### **Prerequisite: Concurrent enrollment in Animation III**

This course is designed to expand the students' opportunities for applied learning. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the classroom instruction. The coursework will encourage students to explore and develop advanced skills in their program area. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **ANIMATION ADVANCED STUDIES 6071**

#### **Prerequisite: Animation III**

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.

## **Computer Science**

### **COMPUTER SCIENCE I 5340**

#### **Prerequisite: B or higher in previous math class**

This course is designed to introduce students to programming and the role of the computer in society. The areas of major emphasis in the course will be on object-oriented programming methodology, algorithms, data structures and ethics. Topics will include program design, program implementation, standard data structures, standard algorithms and an introduction to Java language.

### **COMPUTER SCIENCE II H 53444**

#### **Prerequisite: B or higher in Computer Science I & Teacher Approval**

This course is a continuation of Computer Science I. This course provides intermediate computer science students with instruction in advanced techniques and processes, particularly as it relates to the language of Java. The areas of major emphasis in the course will be on object-oriented programming methodology, algorithms, data structures and ethics. Topics will include program design, program implementation, standard data structures, and standard algorithms. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **COMPUTER SCIENCE III H 53524**

#### **Prerequisite: B or higher is Computer Science II & Teacher Approval**

This course is a continuation of Computer Science II. This course provides advanced computer science students with instruction in advanced programming, techniques and processes, with an emphasis in the language of Java. The students will continue to develop all skills learned in Computer Science I and II. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

## AP COMPUTER SCIENCE A 53042

### Prerequisite: Computer Science III & Teacher Approval

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.

## Engineering: Project Lead The Way

ENGINEERING: PLTW	Introduction to Engineering Principles of Engineering Computer Integrated Manufacturing Engineering Design and Development
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### INTRODUCTION TO ENGINEERING DESIGN (PLTW) 6651

#### Prerequisite: None

This course is the entry-level course of the Project Lead the Way Pathway to Engineering curriculum. The major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community.

### PRINCIPLES OF ENGINEERING (PLTW) 6765

#### Prerequisite: PLTW-Introduction to Engineering Design

This course is a continuation of the Project Lead the Way Pathway to Engineering curriculum. This survey course exposes students to major concepts they'll encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions.

### COMPUTER INTEGRATED MANUFACTURING HONORS (PLTW) 6206

#### Prerequisite: PLTW-Principles of Engineering

This course is a continuation of the Project Lead the Way Pathway to Engineering curriculum. Students answer the questions: How are things made? What processes go into creating products? Is the process for making a water bottle the same as it is for a musical instrument? How do assembly lines work? How has automation changed the face of manufacturing? While students discover the answers to these questions, they're learning about the history of manufacturing, robotics and automation, manufacturing processes, computer modeling, manufacturing equipment, and flexible manufacturing systems.

### ENGINEERING DESIGN AND DEVELOPMENT (PLTW) 6442

#### Prerequisite: Computer Integrated Manufacturing

This course is the capstone course of the Project Lead the Way Pathway to Engineering curriculum. In this capstone course, students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. Students perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams design, build, and test their solutions while working closely with industry professionals who provide mentoring opportunities. Finally, student teams present and defend their original solution to an outside panel. Upon successful completion of this program, students will be prepared for entry into an Engineering program at the college level.

## Fashion Design and Construction

### **FASHION DESIGN AND CONSTRUCTION I 6508**

**Prerequisite:** None

**Fee:** \$25.00

This course is designed to provide students with an understanding of the psychological and social aspects of clothing, and fundamental concepts of fashion, fashion design and construction. Areas of emphasis include fashion, textiles, clothing construction, merchandising, the use and care of sewing equipment and exploration of careers in the fashion industry.

### **FASHION DESIGN AND CONSTRUCTION II 6511**

**Prerequisite:** Fashion Design and Construction I

**Fee:** \$25.00

This course is a continuation of Fashion, Design, and Construction I. This course allows intermediate students to build on fundamental skills developed in Fashion, Design, and Construction I. This course will provide more in-depth experiences with fashion, textiles, design and construction. Areas of emphasis are comprised of design and illustration, performance characteristics of textile components, commercial production processes, and merchandising, marketing and customer service concepts. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **FASHION DESIGN AND CONSTRUCTION III 6514**

**Prerequisite:** Fashion Design and Construction II

**Fee:** \$25.00

This course is a continuation of Fashion, Design, and Construction II. This course allows advanced students to develop their knowledge and skills attained in Fashion, Design, and Construction I and II. This course will cover in greater depth design inspiration, vision and skills, professional portfolio development, advanced techniques such as draping, presentation skills, manufacturing, the merchandising-buying process, promotion, as well as legislation, consumer protection, business operations and entrepreneurship. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

### **FASHION DESIGN AND CONSTRUCTION ADVANCED STUDIES 6505**

**Prerequisite:** Fashion Design and Construction III

**Fee:** \$25.00

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.

## Foods & Nutrition

### **FOODS I 6540**

**Prerequisite:** None

**Fee:** \$40.00

This one-year course provides an introduction to the study of basic food preparation and nutrition. Areas of emphasis include food choices and dietary guidelines. Students plan and prepare meals using basic principles of sanitation and safety. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one elective credit required for high school graduation.

## **FOODS II 6543**

**Prerequisite: Foods I**

**Fee: \$40.00**

This one-year course is designed for students who have completed Foods and Nutrition I at the high school level. Upon successful completion of the course, students should have entry-level skills for employment in the food service industry. Units include cooking for special occasions, meal management, purchasing, food storage, food preservation, hospitality, food selection, food preparation, and special nutritional needs. This course will fulfill one of the elective credits required for graduation.

## **FOODS III 6546**

**Prerequisite: Foods II**

**Fee: \$40.00**

This one-year course is designed for students who have completed Foods and Nutrition II. Emphasis is placed on global and local food supply, nutrition in the life cycle, nutritional management related to health conditions, practice of food safety and meal preparation and entrepreneurship opportunities. 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. This course fulfills one of the elective credits required for high school graduation.

# **Forensic Science**

## **FORENSIC SCIENCE I 6261**

**Prerequisite: 9<sup>th</sup> and 10<sup>th</sup> Grade Only; Concurrent Enrollment in Science Credit Class**

**Fee: \$25.00**

This course introduces the principles and procedures employed in criminal and civil investigations. Areas of study include history of forensic science, types of evidence, careers, legal and ethical issues and exploring crime scenes. Emphasis will be put on gathering information that are used to collect evidence, practice unbiased testimony, crime scene photography and crime scene procedures. The appropriate use of technology and industry-standards equipment is an integral part of this course. **This course fulfills one elective credit for graduation. It does not fulfill science credit for graduation.**

## **FORENSIC SCIENCE II 6262**

**Prerequisite: Forensic Science I; 10<sup>th</sup> and 11<sup>th</sup> Grade Only; Concurrent Enrollment in Science Credit Class**

**Fee: \$25.00**

This course is a continuation of Forensic Science I. This course allows for students interested in the forensic science field to develop their knowledge and skills in principles and procedures related to laboratory fundamentals and forensic disciplines. Areas of study include biological and chemical hazards, utilization of lab equipment, lab accreditation, examine of evidence, and fingerprinted processes. The appropriate use of technology and industry-standards equipment is an integral part of this course. **This course fulfills one elective credit for graduation. It does not fulfill science credit for graduation.**

## **FORENSIC SCIENCE III 6264**

**Prerequisite: Forensic Science II**

This course is a continuation of Forensic Science II. This course allows advanced forensic science students the opportunity to develop skills in courtroom proceedings and forensic specialties. Areas of study include legal proceedings, examination questioning, death investigations, anthropology, entomology and forensic psychology. Emphasis will be placed on criminal profiling, skeletal remains, pathology, and courtroom personnel. . The appropriate use of technology and industry-standards equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary employment. **This course fulfills one elective credit for graduation. It does not fulfill science credit for graduation.**

## Furniture and Cabinetmaking

<b>FURNITURE &amp; CABINETMAKING</b>	Furniture and Cabinetmaking I Furniture and Cabinetmaking II Furniture and Cabinetmaking III Furniture and Cabinetmaking-Advanced Studies
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### **FURNITURE AND CABINETMAKING I 6563**

**Prerequisite:** None

**Fee:** \$40.00

This course will introduce the beginning furniture and cabinetmaking student to the various stages of construction and assembly of wood products and related materials. This course is intended to provide students with the basic knowledge and skills necessary to design, construct, and finish furniture and/or cabinets in the woodworking industry. Through the course activities the student will gain an understanding of safety procedures, machine operation, and industrial applications.

### **FURNITURE AND CABINETMAKING II 6566**

**Prerequisite:** Furniture and Cabinetmaking I

**Fee:** \$30.00

This course is a continuation of Furniture and Cabinetmaking I. This course provides intermediate furniture and cabinetmaking student with the necessary knowledge and skills to pursue employment in related industries. This course will increase knowledge gained in Furniture and Cabinetmaking I. Laboratory activities will include advanced processes using tools and equipment currently being used by the industry. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **FURNITURE AND CABINETMAKING III 6569**

**Prerequisite:** Furniture and Cabinetmaking II

**Fee:** \$30.00

This course is a continuation of Furniture and Cabinetmaking II. This course provides advanced furniture and cabinetmaking students with knowledge and skills in finish carpentry and cabinetmaking for construction applications. Through hands-on projects, students develop technical skills that are used throughout the construction industry including the software and hardware components of computer numerical-controlled (CNC) equipment. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

### **FURNITURE AND CABINETMAKING ADVANCED STUDIES 6560**

**Prerequisite:** Furniture and Cabinetmaking III

**Fee:** \$30.00

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.

## Marketing

### **PRINCIPLES OF BUSINESS AND MARKETING 6762**

**Prerequisite: None**

This course is an entry-level course in the Business Management, Entrepreneurship, Marketing, and Sports & Entertainment Marketing programs that develops student understanding and skill in areas such as business law, communications, customer relations, economics, information management, marketing, and operations. Students acquire knowledge of fundamental business and marketing activities, factors affecting business, develop verbal and written communications skill, and participate in career exploration and planning.

### **MARKETING I 6684**

**Prerequisite: Principles of Business and Marketing**

This course is a continuation of the Marketing and Entrepreneurship programs. Students will learn and practice skills in the functional areas of marketing: channel management, marketing-information management, market planning, market research, pricing, promotion, product management and professional selling. Ethical and legal issues of these functions will be covered. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **MARKETING II 6687**

**Prerequisite: Marketing I**

This course is a continuation of the Marketing and Entrepreneurship programs. Students will learn and practice skills in the functional areas of marketing: channel management, marketing-information management, market planning, market research, pricing, promotion, product management and professional selling. Ethical and legal issues of these functions will be covered. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

### **MARKETING ADVANCED STUDIES 6678**

**Prerequisite: Marketing II**

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.

### **EXPLORATORY WORK EXPERIENCE 804**

This one-year credit is designed to provide students with an exploratory work experience which will introduce them to the world of work. This opportunity will help students bridge the gap from school to work. Students must receive pay and will receive high school credit for completion of a minimum of 270 hours per semester. Hours must be accrued by the projected completion date.

## Photography

### **PHOTOGRAPHY I 6741**

**Prerequisite: None**

**Fee: \$40.00**

This course is designed to introduce students to the fundamentals of commercial photography in relation to seeing photographically, operating cameras, use of light, image capture, and processing digital images. Students will also learn the history of photography, legal and ethical issues related to the industry. Career exploration is also a part of this course.

### **PHOTOGRAPHY II 6744**

**Prerequisite: Photography I**

**Fee: \$40.00**

This course is a continuation of Photography I. This course provides intermediate photography students with instruction in advanced digital techniques and processes. Areas of study include operating cameras, use of light, image capture, and processing digital images. Students will also learn the history of photography, legal and ethical issues related to the industry. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **PHOTOGRAPHY III 6747**

**Prerequisite: Photography II**

**Fee: \$40.00**

This course is a continuation of Photography II. This course provides advanced photography students with instruction in advanced digital techniques and processes in commercial photography. Manipulation of images using industry-standard software is also included. Students will be required to exhibit their projects. Students will be prepared for industry certifications. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

### **PHOTOGRAPHY ADVANCED STUDIES 6738**

**Prerequisite: Photography III**

**Fee: \$40.00**

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.

## **Theater Technology**

### **THEATER TECHNOLOGY I 6827**

**Prerequisite: None**

**Fee: \$20.00**

This course will introduce the student to the craft and technical skills of a theatrical production. Students will be instructed in theatre safety, stage lighting, sound, scenic design and construction, properties, painting, and backstage responsibilities. Students are required to attend three Palo Verde Theater Main stage productions. Students are required to apply technical skills learned in class to Palo Verde events extending beyond school hours.

### **THEATER TECHNOLOGY II 6830**

**Prerequisite: Theatre Technology I**

**Fee: \$20.00**

This course is a continuation of Theatre Technology I. This course provides intermediate theater design technology students with instruction in advanced techniques and processes. Areas of study include lighting, sound, stage, and set design. The appropriate use of technology and industry-standard equipment is an integral part of this course. Students are required to attend three Palo Verde Theater Main stage productions. Students are required to apply technical skills learned in class to Palo Verde events extending beyond school hours.

### **THEATER TECHNOLOGY III 6833**

**Prerequisite: Theatre Technology II**

**Fee: \$20.00**

This course is a continuation of Theatre Technology II. This course provides advanced theater design technology students with instruction in advanced techniques and processes. Areas of study include lighting, sound, stage, and set design. Students will be expected to design, construct and apply theatre production skills for all school productions. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education. Students are required to attend three Palo Verde Theater Main stage productions. Students are required to apply technical skills learned in class to Palo Verde events extending beyond school hours.

## **THEATER TECHNOLOGY ADVANCED STUDIES 6824**

**Prerequisite:** Theatre Technology III

**Fee:** \$20.00

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit. Students are required to attend 3 Palo Verde Theater Main stage productions. Students are required to apply technical skills learned in class to Palo Verde events extending beyond school hours.

## **Video Production**

### **VIDEO PRODUCTION I 6845**

**Prerequisite:** Purchase an SD Card

This course is designed to introduce students to the basic elements and skills needed to produce a video. Operating video cameras, script writing, editing equipment, microphones, and the process of On-Air program production are emphasized. Students will become familiar with video production techniques for a variety of purposes, including broadcast journalism. This is the foundation course for PVTV, our in-house news station.

### **VIDEO PRODUCTION II 6848**

**Prerequisite:** Video Production I with a Grade of C or better, teacher approval, and purchase a SD Card.

This course is a continuation of Video Production I. This course provides intermediate video production students with instruction in advanced techniques and processes. Students in this class produce the live newscast for PVTV each day. Emphasis is placed on the advanced principles in pre/post-production, editing techniques, studio and engineering procedures, and live broadcast skills. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **VIDEO PRODUCTION III 6854**

**Prerequisite:** Video Production II with a Grade of B or better, teacher approval, and purchase a SD Card.

This course is a continuation of Video Production II. This course provides advanced video production students with instruction in advanced techniques and processes. Emphasis is placed on the advanced principles in pre/post-production, editing techniques, studio and engineering procedures, and live broadcast skills. Students will become familiar with video production techniques for a variety of purposes, including broadcast journalism. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

### **VIDEO PRODUCTION ADVANCED STUDIES 6842**

**Prerequisite:** Video Production III and Purchase an SD Card

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.

## Web Design and Development

### **WEB DESIGN AND DEVELOPMENT I 5388**

#### **Prerequisite: None**

This course is designed to introduce students to the basic elements of web design and development. Students will learn about content placement, use of color and graphics, typography and message using industry-standard software. Students are introduced to various web design languages, design concepts, and layout theory. Students will become familiar with marketing and other uses of websites; as well as ethical and legal issues related to websites.

### **WEB DESIGN AND DEVELOPMENT II 5392**

#### **Prerequisite: Web Design and Development I & Teacher Approval**

This course is a continuation of Web Design and Development I. This course is designed for intermediate students to create websites for a variety of purposes. Students will develop their knowledge of content, placement, use of color and graphics, typography and message. Students will use various web design languages, design concepts, and layout theories to create their websites. Students will examine the role of marketing, market research, ethics and legal issues as it relates to websites. Project-based learning, collaboration, and portfolio development are essential elements of this class. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **WEB DESIGN AND DEVELOPMENT II Lab 5570**

#### **Prerequisite: Concurrent enrollment in Web Design and Development II**

This course is designed to expand the students' opportunities for applied learning. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the classroom instruction. The coursework will encourage students to explore and develop advanced skills in their program area. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **WEB DESIGN AND DEVELOPMENT III 5396**

#### **Prerequisite: Web Design and Development II & Teacher Approval**

This course is a continuation of Web Design and Development II. This course is designed for advanced students to create websites for a variety of purposes using advanced techniques and processes. Areas of study include automation, animation and interactivity in websites, as well as, web servers and a more extensive knowledge of website construction. Project-based learning, collaboration, and portfolio development are essential elements of this class. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

### **WEB DESIGN AND DEVELOPMENT III Lab 5580**

#### **Prerequisite: Concurrent enrollment in Web Design and Development III**

This course is designed to expand the students' opportunities for applied learning. This course provides an in-depth lab experience that applies the processes, concepts, and principles as described in the classroom instruction. The coursework will encourage students to explore and develop advanced skills in their program area. The appropriate use of technology and industry-standard equipment is an integral part of this course.

### **WEB DESIGN AND DEVELOPMENT ADVANCED STUDIES 5560**

#### **Prerequisite: Web Design and Development III & Teacher Approval**

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.

# Department of English

The courses offered by the Department of English at Palo Verde High School are designed to provide students with the necessary reading, writing, speaking and listening skills required in today's changing world. The courses are aligned with the Nevada Academic Content Standards and reflect content specific texts according to the course description.

## **ENGLISH 9 1010**

### **Freshmen standing**

This one-year course (Foundations in Composition, Language, and the Elements of Text) provides instruction in the English Language Arts strand identified by the Nevada Academic Content Standards as reading, writing, speaking and listening, and language. This course will emphasize mastering the language, grammar, structure, and rhetoric of text; completing more complex writing assignments; reading and analyzing a range of literary and informational discourse, both classic and contemporary; and delivering more extensive oral presentations.

## **ENGLISH 9 HONORS 10104**

### **Freshmen standing**

#### **Prerequisite: Teacher Recommendation**

This one-year course (Foundations in Composition, Language, and the Elements of Text) provides instruction in the English Language Arts strand identified by the Nevada Academic Content Standards as reading, writing, speaking and listening, and language. This course will emphasize mastering the language, grammar, structure, and rhetoric of text; completing more complex writing assignments; reading and analyzing a range of literary and informational discourse, both classic and contemporary; and delivering more extensive oral presentations. This course is designated as honors level by the accelerated instructional pacing and depth of content.

## **ENGLISH 10 1030**

### **Sophomore standing**

This one-year course (*Composition and Themes in Global Text*) 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 focuses on traditional (e.g. argument, persuasion, expository), technical, and creative modes of composition. Through the study of themes found universally in global texts, both literary and informational, instruction emphasizes the critical analysis of text and writers' historical, philosophical, cultural, and ethical perspectives.

## **ENGLISH 10 HONORS 10304**

### **Sophomore standing**

#### **Prerequisite: Teacher recommendation**

This one-year course (*Composition and Themes in Global Text*) 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 focuses on traditional (e.g. argument, persuasion, expository), technical, and creative modes of composition. Through the study of themes found universally in global texts, both literary and informational, instruction emphasizes the critical analysis of text and writers' historical, philosophical, cultural, and ethical perspectives. This course is designated as honors level by the accelerated instructional pacing and depth of content.

## **ENGLISH 11 1060**

### **Junior standing**

This one-year course (*Composition and Themes in American Text*) 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 requires expository, analytical, and argumentative writing assignments that are based on readings representing a wide variety of prose styles and genres. The course is structured around multicultural themes and perspectives found in literary, nonfiction, and expository texts by American authors to encourage students to think conceptually about the American past, present, and future as well as about the ethnic and cultural diversity of the American experience.

## **ENGLISH 11 HONORS 10604**

### **Junior standing**

#### **Prerequisite: Teacher Recommendation**

This one-year course (Composition and Themes in American Text) 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 requires expository, analytical, and argumentative writing assignments that are based on readings representing a wide variety of prose styles and genres. The course is structured around multicultural themes and perspectives found in literary, non-fiction, and expository texts by American authors to encourage students to think conceptually about the American past, present, and future as well as about the ethnic and cultural diversity of the American experience. This course is designated as honors level by the accelerated instructional pacing and depth of content.

## **AP LANGUAGE & COMPOSITION 11402**

### **Prerequisite: Teacher recommendation**

#### **Interested students are expected to sit for the AP exam.**

This one-year course emphasizes the study and practice of the art and structure of writing. Literature will be thoroughly examined and analyzed by an investigation of the author's purpose. Style analysis will provide a platform for comprehension and application of audience interpretation. Through speaking, listening, reading, and writing, students will become more aware of the resources and structure of the English language. Writing assignments will focus on the essay and explore different writing styles, forms, and rhetorical strategies. This course is designed to prepare students for the Advanced Placement Language and Composition exam in May. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

## **ENGLISH 12 1080**

### **Senior standing**

This one-year course (*Post-Secondary Composition and Universal Themes in Text*) provides instruction in the English Language Arts strands identified by the Nevada Academic Content Standards as reading, writing, speaking and listening, and language. The writing focus in this course includes analysis, synthesis, and argumentation as they relate to post-secondary success. A framework structured around universal themes that connect people across cultures and time anchors texts to real-life reading, writing, and speaking and listening opportunities likely to be experienced beyond high school.

## **ENGLISH 12 10800MA (APEX - ONLINE FORMAT)**

### **Senior standing**

**This is an online course that seniors will complete from home. As the student's progress through the course, individual quizzes and tests must be taken at Palo Verde High School with the assigned teacher. Students that sign-up for this course are stipulating that they have both a computer and internet access at home. This course is not approved by the NCAA and should not be taken by students considering playing college athletics.**

This one-year course (*Post-Secondary Composition and Universal Themes in Text*) provides instruction in the English Language Arts strands identified by the Nevada Academic Content Standards as reading, writing, speaking and listening, and language. The writing focus in this course includes analysis, synthesis, and argumentation as they relate to post-secondary success. A framework structured around universal themes that connect people across cultures and time anchors texts to real-life reading, writing, and speaking and listening opportunities likely to be experienced beyond high school.

## **ENGLISH 12 HONORS 10804**

### **Senior standing**

This one-year course (*Post-Secondary Composition and Universal Themes in Text*) provides instruction in the English Language Arts strands identified by the Nevada Academic Content Standards as reading, writing, speaking and listening, and language. The writing focus in this course includes analysis, synthesis, and argumentation as they relate to post-secondary success. A framework structured around universal themes that connect people across cultures and time anchors texts to real-life reading, writing, and speaking and listening opportunities likely to be experienced beyond high school. This course is designated as honors level by the accelerated instructional pacing and depth of content.

## **AP LITERATURE & COMPOSITION 11502**

**Prerequisite:** Teacher recommendation

**Interested students are expected to sit for the AP exam.**

This one-year course emphasizes the development of skills in the critical reading of a wide range of literature and in writing about literature. AP Literature and Composition is rigorous, demanding, and designed for students capable of doing college level work while still in high school. **Students are expected to take the Advanced Placement exam at the end of this course.**

**Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

## **JOURNALISM FOUNDATIONS 1430**

**Prerequisite:** C or better in English 9 or 8<sup>th</sup> grade English.

This course offers students a chance to investigate the world of news reporting and media. Students will learn about the jobs of reporters, editors, photographers, political cartoonists, advertising representatives, and graphic designers. Students will apply professional techniques in investigation, interviews, research projects, photographing news events in action, designing page layouts, selling advertising, copy writing, and editing.

## **JOURNALISM II 1435**

**Prerequisite:** Completion of Journalism I with a C or better

This course focuses on the application of the principles learned in Journalism I. Students will further develop investigative and analytical reporting skills as they do hands-on work to complete the school paper on a regular basis. They will write stories, take photos, and edit copy for each edition of the paper. They will also be given the opportunity to write for local newspapers, including the Las Vegas Review-Journal, Summerlin View, and Class Magazine. This course will fulfill one elective credit required for graduation. This course is repeatable.

## **PUBLICATIONS II 1460**

**Prerequisite:** grade of B or better in Journalism I, knowledge of computer operations, enrolled in an Honors or AP English course, and permission of instructor

Students will refine their skills in layout design, photography, copy writing and editing, and proofing pages for production of the school's yearbook.

## **FUNDAMENTALS OF READING & WRITING 1415 (READ 180)**

**9<sup>th</sup> grade level. Administrative placement only**

Read 180 is an intensive reading intervention program designed to improve reading skills. English 9 teachers administer a pre-assessment during the first week of school. Based on student results from the pre-assessment, the Scholastic Reading Inventory may be administered to obtain a lexile score. It is this score that will be used to recommend placement in the Read 180 Program. Read 180 involves students in the reading and writing processes with small group discussions, independent reading, and an individualized computer program. The class has produced excellent results with many students beginning to enjoy reading and improving their reading level between two to five grade levels within one year.

## **CLASSICAL LOGIC AND RHETORIC 1405**

**Prerequisite:** Junior or Senior standing

This one-year course will provide students the opportunity to develop critical reading and writing skills through classical texts. Instructional practices will 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. This course fulfills one art/humanities elective credit toward high school graduation.

## **MYTHOLOGY AND FOLKLORE I 1445**

### **Prerequisite: Sophomore, Junior or Senior standing**

This one-year course is an introduction to mythology and folklore emphasizing its influence in literature. This course emphasizes the relationships among literature, culture, philosophy, and psychology. Literature, composition, discussion, and critical-thinking skills are taught concurrently. 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. This course fulfills one of the elective credits required for high school graduation.

## **IMAGINATIVE WRITING 1425**

### **Prerequisite: Junior or Senior standing**

This one-year course develops and improves both formal and informal writing skills with emphasis placed upon self-expression, creativity, and clear communication. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology and digital media are integral parts of this course. This course fulfills one of the elective credits required for high school graduation.

## **IB THEORY OF KNOWLEDGE AND IB STUDY LAB**

**81903 | 81703**

### **Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

TOK is a course about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. The course is a core element which all Diploma Programme students undertake. The TOK course examines how we know what we claim to know. It does this by encouraging students to analyze knowledge claims and explore knowledge questions. A distinction between shared knowledge and personal knowledge is made in the course. As part of the required two-year placement into TOK, students will be co-enrolled in an IB Study Lab which will be used to complete additional Diploma Programme Standard-Level or Higher-Level course hour requirements, and conduct supervised independent research and study.

## **IB WORLD LITERATURE I AND II**

**12803 | 12903**

### **Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a two-year mandatory Higher-Level (HL) sequence for International Baccalaureate Diploma students. World Literature I is taught in the junior year, and World Literature II is taught in the senior year. The sequence meets the Clark County School District and State of Nevada requirements for junior and senior year English Language Arts. The course is built on the assumption that literature is concerned with our conceptions, interpretations and experiences of the world. Through the study of a wide range of literature, the World Literature sequence encourages students to appreciate the artistry of literature and to develop an ability to reflect critically on their reading. Works are studied in their literary and cultural contexts, through close study of individual texts and passages, and by considering a range of critical approaches. World Literature does not limit the study of works to the products of one culture or the cultures covered by any one language. The study of works in translation is especially important in introducing students, through literature, to other cultural perspectives. The response to the study of literature is through oral and written communication, thus enabling students to develop and refine their command of language. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

# Department of Mathematics

Palo Verde High School's mathematics program provides students with mathematical experiences that meet their needs. A variety of instructional formats including visual aids, small groups, individual exploration, peer instruction, and whole class discussions involve students in reasoning, communication, understanding, and applying mathematical concepts. Students develop confidence in their ability to solve mathematical problems through problem-solving techniques. The use of calculators and computer software are an integral part of these courses.

## **ALGEBRA I 2020**

### **Concurrent enrollment in Fundamental Math Concepts per Administration**

This 1<sup>st</sup> year 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. This course will fulfill one of the mathematics credits required for graduation.

## **ALGEBRA I ACCELERATED 2020**

### **Prerequisite: Teacher recommendation.**

This rigorous one-year course is designed for the motivated student with a strong mathematics background. It is designed to prepare the student for the demands of the honors program by incorporating higher level thinking, problem solving, reasoning, modeling, and effective communication skills through the study of algebraic concepts.

## **MATHEMATICS ESSENTIALS I 2000**

This one-semester course is designed for students who have not achieved proficiency in the Math I End of Course (EOC) Exam. It provides remediation lessons to prepare students to pass the Math I EOC exam by building on the concepts of Algebra I while solidifying and extending mathematical modeling, problem solving skills, reasoning skills, and algebraic procedures. Concepts are explored through the use of manipulatives, mathematical tools, and hands-on applications. 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. This course fulfills one half of one of the mathematics credits required for high school graduation and may be repeated once. While this course meets the Governor Guinn Millennium Scholarship requirements, it does not meet the core requirements for the National Collegiate Athletic Association (NCAA).

## **FUNDAMENTAL MATH CONCEPTS 2480**

### **Concurrent enrollment with Algebra I or Geometry per Administration**

This one-year, supplemental course in mathematics is designed for students who need additional instruction and support to master necessary mathematical concepts. This course provides additional instruction in conjunction with the student's course of study. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. This course fulfills one of the elective credits required for high school graduation and may be repeated. This course does not fulfill one of the mathematics credits required for graduation, nor does it meet the core requirements for the National Collegiate Athletic Association (NCAA).

## **GEOMETRY 2060**

### **Prerequisite: Algebra I and concurrent enrollment in Fundamental Math Concepts per Administration**

This one-year course is a logical development of the inductive and deductive systems of reasoning. Emphasis is on developing visualization abilities, analytical skills and logical reasoning through activity-oriented methods of instruction. The prerequisite for this course is successful completion of Algebra I or Applied Algebra. It is expected that a calculator and computer software will be used as instructional tools. This course will fulfill one of the mathematics credits required for graduation.

## **GEOMETRY HONORS 20604**

**Prerequisite: Algebra I with a B or better and teacher recommendation**

This one-year course provides advanced study in Geometry for the more capable student. It is a rigorous, logical development of the deductive system of reasoning. Emphasis is on the development of logic, formal proofs, and algebraic applications to geometry. The prerequisite for this course is successful completion of Algebra I Honors. It is expected that a calculator and computer software will be used as instructional tools. This course will fulfill one of the mathematics credits required for graduation.

## **MATHEMATICS ESSENTIALS II 2015**

This one-semester course is designed for students who have not achieved proficiency in the Math II End of Course (EOC) Exam. It provides remediation lessons to prepare students to pass the Math II EOC exam by building on the concepts of Geometry while solidifying and extending mathematical modeling, problem solving skills, reasoning skills, and algebraic procedures. Concepts are explored through the use of manipulatives, mathematical tools, and hands-on applications. 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. This course fulfills one half of one of the mathematics credits required for high school graduation and may be repeated once. While this course meets the Governor Guinn Millennium Scholarship requirements, it does not meet the core requirements for the National Collegiate Athletic Association (NCAA).

## **ALGEBRA II 2090**

**Prerequisite: Algebra I and Geometry**

This one-year course provides students with a study of functions and statistics, including advanced topics. It incorporates problem solving, reasoning, modeling, and effective communication skills through the study of polynomial, rational, radical, exponential, logarithmic, and trigonometric functions; the design of statistical studies; and statistical inference. 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 fulfills one of the mathematics credits required for high school graduation.

## **ALGEBRA II HONORS 20904**

**Prerequisite: Geometry Honors with a grade of B or better.**

This one-year course provides students with a rigorous study of functions and statistics, including advanced topics. This course is designated as honors level by the accelerated instructional pacing and depth of content. It incorporates problem solving, reasoning, modeling, and effective communication skills through the study of polynomial, rational, radical, exponential, logarithmic, and trigonometric functions; the design of statistical studies; and statistical inference. 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 will fulfill one of the mathematics credits required for high school graduation.

## **COLLEGE PREPARATORY MATHEMATICS 2287**

**Prerequisite: Complete Algebra II with an A or B**

This rigorous one-year course is designed for students who have successfully completed Algebra II. In preparation for college-level mathematics, the focus of this course is the study of advanced mathematical topics and their applications. Emphasis is on refining problem solving skills through modeling and project-based learning. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of technology, including calculators or computer software, is an integral part of this course. This course fulfills one of the mathematics credits required for high school graduation.

## **MATHEMATICS OF PERSONAL FINANCE 2330**

**Prerequisite: 12<sup>th</sup> grade (Non-College Bound Seniors, D or lower in Algebra II)**

This one-year course is the study of personal finance for senior-level students. Students will develop a deeper understanding of the mathematics of finance to include: money management, risk management, and financial planning related to consumer and family studies, career and technical education, and personal finance. The emphasis will be on refining problem-solving skills using project-based learning activities and academic integration within the context of financial applications. The use of technology, including calculators and computers, is an integral part of this course. This course will fulfill one of the mathematics credits required for high school graduation.

## **TOPICS IN MODERN MATHEMATICS 4704**

### **Prerequisite: Algebra II**

This one-year course is the study of mathematical topics and their applications to prepare students for college-level mathematics. Emphasis will be on refining problem solving skills through modeling and project-based learning. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The prerequisite for this course is successful completion of Algebra II. This course will fulfill one of the mathematics credits required for high school graduation.

## **ELEM ALG NSHE (CSN equivalent for concurrent enrollment: Math 95)**

### **Prerequisite: Satisfactory Placement Test scores on the Accuplacer Exam, ACT (16 or higher in the math portion), or SAT (400 or higher in the math portion)**

A course in the fundamental operations of real numbers, solving linear equations in one variable, graphing linear equations in two variables, solving linear systems in two variables, and performing basic operations on polynomials. **The availability of this course is contingent on CSN continuing this partnership with the CCSD.**

## **INT ALG NSHE (CSN equivalent for concurrent enrollment: Math 96)**

### **Prerequisite: Math 95 with a grade of C or better, Satisfactory Placement Test scores on the Accuplacer Exam, ACT (19 or higher in the math portion), or SAT (450 or higher in the math portion)**

Topics include factoring polynomials, rational expressions and equations, radical expressions and equations, quadratic equations, graphs, and applications. **The availability of this course is contingent on CSN continuing this partnership with the CCSD.**

## **PRECALCULUS H NSHE (CSN equivalent for concurrent enrollment: Math 126/127)**

### **Prerequisite: Math 96 with a grade of C or better, Satisfactory Placement Test scores on the Accuplacer Exam, ACT (22 or higher in the math portion), or SAT (500 or higher in the math portion)**

A rigorous discussion of the algebra concepts necessary for calculus is the focal point of this course. Topics include an in-depth investigation of algebraic functions and their graphs and solutions of systems of equations. **The availability of this course is contingent on CSN continuing this partnership with the CCSD.**

## **PRECALCULUS –H AB/BC 21504H**

### **Prerequisite: Teacher recommendation**

This rigorous one-year course is designed for the motivated student with a strong background in advanced algebra and will prepare the student for AP Calculus AB or BC. In addition to reviewing topics from trigonometry, this course includes problem-solving techniques using analytic geometry, vectors, matrices, relations and functions and their graphs, probability and statistics, and the use of limits, derivatives and integrals. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The use of technology, including graphing calculators and computer software, is an integral part of this course. This course fulfills one of the mathematics credits required for high school graduation.

## **AP STATISTICS 22502**

### **Prerequisite: Algebra II Honors**

This one-year Advanced Placement course is intended for students who have completed at least one year each of Geometry, Algebra I, Algebra II and are preparing for further study in disciplines requiring statistical course work. This course will include the study of statistical graphing techniques, measures of center and variance, distributions, regression analysis, probability, significance testing and experimental design. Technology, including calculators and computer software, will be used throughout the course. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship. This course will fulfill one of the mathematics credits required for graduation.

## **AP CALCULUS BC 21902**

**Prerequisite: Teacher selection only.**

**Concurrent enrollment in Extended Math Lab is required.**

This college-level course is intended for students who have a thorough knowledge of pre-calculus mathematics, as well as basic differentiation and integration. Students should have a strong background in advanced algebra, geometry and trigonometry. This course includes a brief review of basic differentiation and integration, applications of differentiation and integration, infinite series, and vector function. Emphasis will be placed on the application of technology and theory to solve problems. A graphing calculator approved for the AP test must be used throughout this course. A major goal of the course will be to prepare students to sit for AP examinations. This course will fulfill one of the mathematics credit required for high school graduation. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

## **AP CALCULUS AB 21802**

**Prerequisite: Pre-Calculus Honors with a B or better.**

This one-year, college-level course is intended for students who have a thorough knowledge of pre-calculus mathematics. Students should have a strong background in advanced algebra, geometry and trigonometry. This course includes a brief review of pre-calculus topics, a study of limits and the differentiation and integration of functions of a single variable. Emphasis will be placed on the application of technology and theory to solve problems. A major goal of the course will be to prepare students to sit for AP examination. Calculus AP will fulfill one unit of the mathematics credits required for graduation. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

## **IB MATHEMATICS I AND II**

**23253 (SL) | 23343 (HL)**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a two-year Higher-Level (HL) or Standard-Level (SL) sequence for International Baccalaureate Diploma students. The IB Mathematics I is taught in the junior year, IB Mathematics II is taught in the senior year. The course meets the Clark County School District and State of Nevada requirements for mathematics. The SL student has a solid knowledge of basic mathematical concepts and is equipped with the skills needed to apply simple mathematical techniques correctly. The majority of these students will need a deeper mathematical background as they prepare for future studies in subjects such as chemistry, physics, engineering, and technology. Mathematics at the HL caters to students with a more thorough background in mathematics who are competent in a range of analytical and technical skills. The majority of these students will be expected to include advanced mathematics as a major component of their university studies, either as a subject in its own right or within courses such as physics, engineering and technology. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

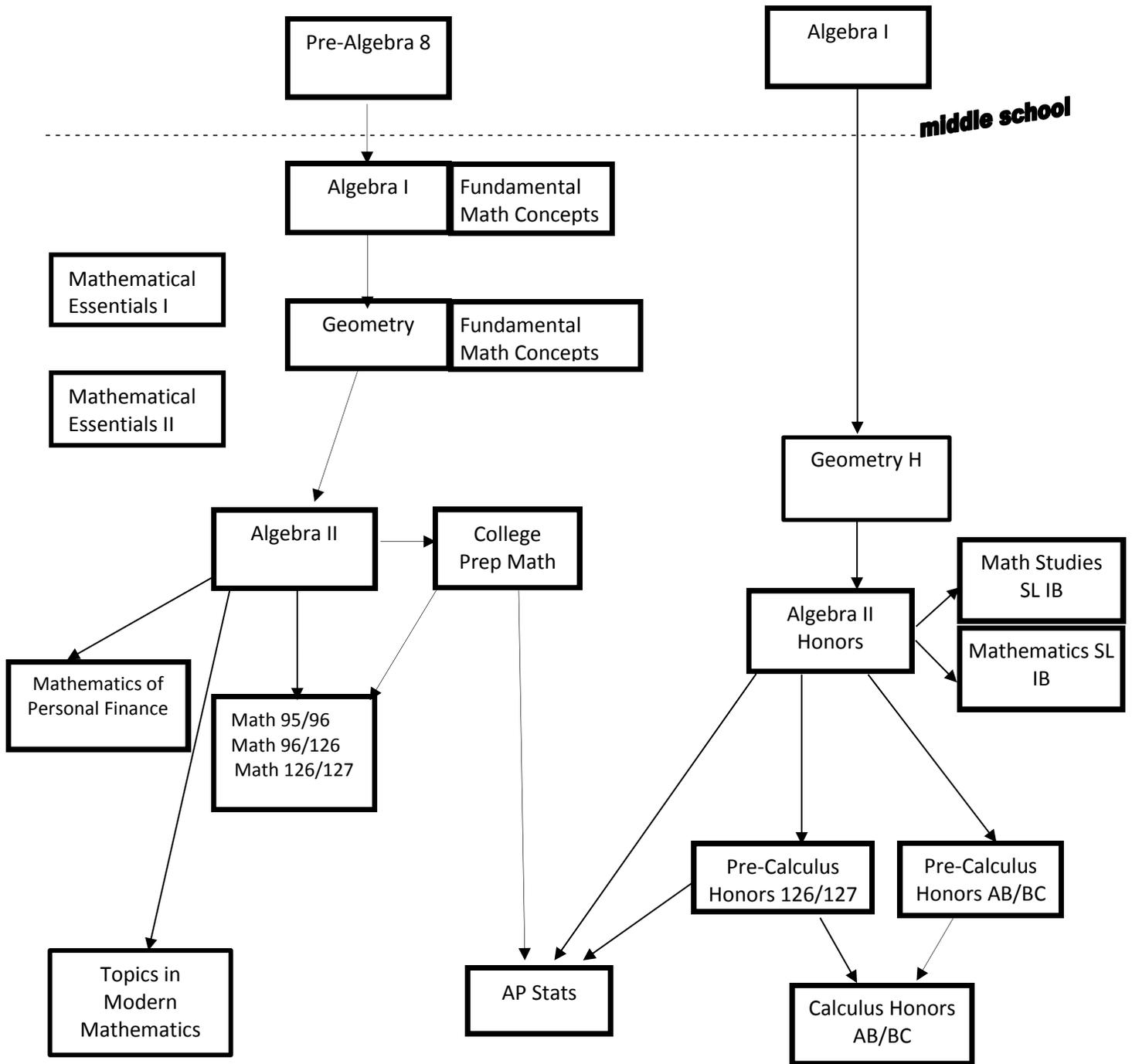
## **IB MATHEMATICS STUDIES I AND II**

**23353 | TBD**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a two-year Standard-Level (SL) sequence for International Baccalaureate Diploma students. This course is available only as SL. The course meets the Clark County School District and State of Nevada requirements for mathematics. It has an emphasis on the applications of mathematics, with the largest section focused on statistical techniques. It is designed for students with varied mathematical backgrounds and abilities preparing for future studies in social sciences, business, humanities, languages or the arts. It prepares students to be able to solve problems in a variety of settings, to develop more sophisticated mathematical reasoning, and to enhance their critical thinking. A required individual project is an extended piece of work based on personal research involving the collection, analysis and evaluation of data. Students taking this course are well prepared for careers in social sciences, humanities, languages or arts, as well as a traditional liberal arts education at University. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

# MATHEMATICS FLOW CHART



# Office Aides

## **APPLIED OFFICE PRACTICE (class) 8005**

### **Grades 9-12**

This one-year course is designed to provide the business student with an opportunity to develop clerical skills and personal qualities necessary for success in the business world. Under the tutelage of the classroom teacher and through hands-on training, students learn the intricacies of the copy center and the graphic arts department.

## **APPLIED OFFICE PRACTICE (aide) 8005**

**Prerequisite: Grades 10-12; Counselor approval, 2.5 or better GPA, and attendance standards.**

This one-year course provides on-the-job training in the following areas: Administrative offices, attendance, school bank, library, audio-visual office, and counseling areas. The required application/contract is available from a school counselor. Two credits may be earned in this program with a maximum of one credit earned in any one office area. Fifty percent of the final grade is based on the student's attendance.

## **LIBRARY AIDE 8005**

**Prerequisite: Grades 10-12.**

Library aides are an important part of the library at Palo Verde. They help the library staff assist students with projects, find books, and use computers in the library. They also help shelve books and run errands.

## **SCHOOL RELATED WORK EXPERIENCE 8150**

**Prerequisite: Completed Application required within the first two weeks of school. NO EXCEPTIONS.**

This program is for students who desire to work in the cafeteria. Students are paid for their services. This course may be repeated once for credit.

## **STUDENT AIDE 8160**

**Prerequisite: Counselor/teacher approval, 2.5 or better GPA and attendance standard.**

This program allows students to assist teachers. Students gain experience in clerical duties, laboratory assistance, working with faculty members, and following directions. The required application/contract is available from a school counselor. A maximum of one credit can be earned in the Student Aide program. Fifty percent of the final grade is based on the student's attendance.

# Department of Performing Arts

Palo Verde High School prides itself in offering students a wide variety of performing arts courses. Creativity, originality, and skill development are all featured in a positive learning environment.

## Choral Music

### **BEGINNING TREBLE CHOIR 7670**

Requirements: There is no prerequisite for taking this class and all women 9th-12th grade are welcome. The class is designed to help students understand their singing voice and introduces skills and habits for developing vocal and performance techniques, as well as basic sight singing skills. The expenditures of this course are approximately \$110 for fees and uniforms. Fundraising is available. Performances and festivals are an expected part of this course.

### **MEN'S CHOIR 76709**

Requirements: All men 9th-12th grade are welcome. Men's Choir offers a relaxed, no stress environment where students learn basic vocal, performance, and sight singing techniques. Students should plan on expenditures of approximately \$125 for fees and uniforms. Fundraising is available. Performances and festivals are an expected part of this course, as is the ability to demonstrate an understanding of choral music as a performer, critic and consumer.

### **ADVANCED JUNIOR VARSITY WOMEN'S ENSEMBLE 7690**

Requirements: **Audition/Director Approval required.** Out-of-State Competitions required. Students should plan on approximately \$125 for fees and uniforms. Fundraising is available. Advanced Junior Varsity Women's Ensemble consists of students from the 9<sup>th</sup> and 10<sup>th</sup> grades who have prior choir experience and are looking for a more serious approach to music. The course introduces students to advanced high school choral literature and students will work in depth on vocal technique and build skills sets required to be in an advanced vocal high school ensemble in a well-supported and friendly environment. Students who complete this course are eligible to audition for the Palo Verde Chamber Singers ensemble the following year.

### **ADVANCED WOMEN'S ENSEMBLE/SERENADE 7660**

Requirements: **Audition/Director Approval required.** Out-of-State Competitions required. Students should plan on expenditures of approximately \$200 for uniforms and fees and travel expenses. Fundraising is available. Serenade is the PVHS advanced women's chamber and show choir consisting of 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> grade students. It is a group for women who enjoy performing and want to grow vocally in the area of tone, sight singing, musicality, and much more. Students must be able to travel to out-of-state competitions. All rehearsals, concerts, festivals, and performances are required.

### **MIXED ADVANCED VOCAL ENSEMBLE/PALO VERDE CHAMBER SINGERS 76809**

Requirements: **Audition/Director Approval required.** Students must be concurrently enrolled in Serenade or Men's Choir. This course is for students with advanced vocal skills and a serious approach to music. Out-of-State Competitions required. Students should plan on expenditures of approximately \$200 for uniforms and financial expenses for travel. Fundraising is available. Palo Verde Chamber Singers performs advanced chamber music of various genres and does various performances throughout the school year on and off campus. Students must be able to travel to competitions. All rehearsals, concerts, festivals, and performances are required.

## Communications

### **PUBLIC SPEAKING 1450**

**9<sup>th</sup>-12<sup>th</sup> grade.**

In this course, students will experience all facets of the communication process from interpersonal communication to public speaking. This is a non-competition course designed to improve public speaking skills, argumentation, and confidence. Students will compose and deliver various types of speeches as well as identify and demonstrate effective communication. Students will also learn the techniques of argumentation and persuasion.

### **SPEECH & DEBATE I 1475**

**Prerequisites: None.**

**Fee: \$20 per CCSD tournament. Additional costs for out of district tournament travel.**

**One time NSDA membership fee \$20.**

This course offers instruction in speech and debate and provides an opportunity to participate in competitive Forensics tournaments. The student will learn individual/partner debating skills and techniques, as well as learn to speak with power confidence and persuasion. There are several debate and speaking opportunities for the students to choose from both in class and at competition. Students are required to compete in ALL local forensics tournaments (approx. 1 per month/6 per year).

### **SPEECH & DEBATE II 1480**

**Prerequisites: Speech I with one year of competition or Speech & Debate.**

**Fee: \$20 per CCSD tournament. Additional costs for out of district tournament travel.**

This course will continue to build on the principles and concepts learned in Speech & Debate I. Students will be required to compete in all interscholastic forensics tournaments offered locally. Student must compete at the varsity level. There will be emphasis in applying speech and debate techniques to multiple competition events as well as strengthen their argumentation skills. Travel opportunities will be offered.

### **SPEECH & DEBATE III 1485**

**Fee: \$20 per CCSD tournament. Additional cost for out of district tournament travel.**

**Prerequisites: Speech & Debate I & II.**

This course will be a third year in the study of competitive speech and debate. Students will be required to apply speech and debate skills to multiple competition events. Students must compete at the varsity level and aid team practices. Students will be required to compete in all interscholastic forensics tournaments offered and travel opportunities will be offered.

### **FORENSICS ADVANCED STUDY (Advanced Study English) 1100**

**Fee: \$20 per CCSD tournament. Additional costs for out of district tournament travel. This course may be repeated for credit upon approval. This course is not a 4th year English credit.**

**Prerequisites: Speech & Debate, I, II and III.**

This course will be offered as an independent study in forensics and will be held concurrently with Forensics I and II. Students will be required to assist novice forensics competitors and aid team practices. Students will be required to compete in multiple events at the varsity level and serve in leadership roles as well as be an example for the Speech & Debate team. Travel opportunities will be offered.

## Instrumental Music Studies

### **BAND INTERMEDIATE (Symphonic Winds) 7225**

**Requirements:** Students must be enrolled in the marching band and a concert band simultaneously. Signature of middle school/junior high school band director on the registration form. Attendance at band camp in August, Monday night rehearsals from 6:00 PM to 9:00 PM for the first eleven weeks of school, participation in all home football games, marching band competitions, concerts, and travel are required. Women must have long black formal for concert attire. Men must have black tuxedo, black shoes & black socks for concert attire.

**Class Fee: \$40.00**

The Palo Verde Symphonic Winds is a development concert band providing students with the tools to succeed and being able to compete for a chair in our Wind Ensemble and Wind Orchestra. This ensemble performs easy-medium to medium music. Students must purchase formal tuxedo or long formal black dress and must attend all concerts and trips to be in the Symphonic Winds. This ensemble is by audition with the band director only and uses instrumentation found in standard high school bands. Traveling to all shows and competitions is a requirement of the class and additional trips may be added, which may require additional fees that may be offset by fundraising.

### **BAND INTERMEDIATE (Wind Orchestra) 7225**

**Requirements:** Students must be enrolled in the marching band and a concert band simultaneously. Signature of middle school/junior high school band director on the registration form. Attendance at band camp in August, Monday night rehearsals from 6:00 PM to 9:00 PM for the first eleven weeks of school, participation in all home football games, marching band competitions, concerts, and travel are required. Women must have long black formal for concert attire. Men must have black tuxedo, black shoes & black socks for concert attire.

**Class Fee \$40. Additional cost for competitions and travel. Fundraising is available.**

The Palo Verde Wind Orchestra is the development concert band providing students with the tools to succeed and being able to compete for a chair in our Wind Ensemble. This ensemble performs medium to medium-hard music. Students must purchase formal tuxedo or long formal black dress and attend all concerts and trips to be in the Wind Orchestra. This ensemble is by audition with the band director only and uses instrumentation found in standard high school bands, as well as cello and string bass. Traveling to all shows and competitions is a requirement of the class and additional trips may be added, which may require additional fees that may be offset by fundraising.

### **BAND ADVANCED (Wind Ensemble) 7230**

**Requirements:** Signature of school band director on the registration form, attendance at band camp in August, Monday night rehearsals from 6:00 PM to 9:00 PM for the first eleven weeks of school, participation in all home football games, marching band competitions, concerts, and travel are required. Women must have long black formal for concert attire. Men must have black tuxedo, black shoes & black socks for concert attire.

**Class Fee \$40. Additional cost for competitions and travel. Fundraising is available.**

The Palo Verde Wind Ensemble is the top performing ensemble in the band department and frequently travels. This ensemble performs difficult literature from all musical eras. Students must purchase formal tuxedo or a long formal black dress and attend all concerts and trips to be in the Wind Ensemble. This ensemble is by audition with the band director only and uses instrumentation found in collegiate level wind ensembles, as well as cello and string bass.

### **BAND PANTHER PRIDE MARCHING BAND 7245**

**Requirements:** Students must be enrolled in the marching band and a concert band simultaneously. Attendance at band camp August 8-12, 15-19, and 22-26 is mandatory. Monday night rehearsals from 6:00 PM to 9:00 PM for the first eleven weeks of school, participation in all home football games, marching band competitions, concerts, and travel are required.

**Class Fee \$40, Travel Fee \$125, Competition Fee of \$85, Marching Band Camp Fee of \$125. Additional cost for competitions and travel may be added. Fundraising is available. Students must purchase their own marching shoes and adhere to the uniform code in order to perform.**

The Palo Verde Panther Pride Marching Band is the largest single performing ensemble in the school and frequently travels. This ensemble performs for football games, competes on Saturdays in Nevada and Utah, and performs in two parades each year. This ensemble is open to all students studying a band instrument, though an audition for proper placement is necessary.

### **JAZZ BAND I (Studio Jazz Ensemble) 7235**

**Prerequisite:** Students must audition for placement during August band camp. Director approval required. Concurrent enrollment in another band, orchestra or choir class.

**Requirements:** Traveling to all shows and competitions is a requirement of the class and additional trips may be added, which may require additional fees that may be offset by fundraising.

**Class Fee \$40.** Students must purchase formal black suit or long formal black dress and attend all concerts and trips to be in the Jazz Band 1.

The Palo Verde Jazz Band 1 is the top performing ensemble in the Jazz department and frequently travels. This ensemble performs medium-hard to hard music. This ensemble is by audition with the band director only and uses instrumentation found in standard big bands.

### **JAZZ BAND II (Jazz Lab Ensemble) 7240**

**Prerequisite:** Students must audition for placement during August band camp. Director approval required. Concurrent enrollment in another band, orchestra or choir class.

**Requirements:** Traveling to all shows and competitions is a requirement of the class and additional trips may be added, which may require additional fees that may be offset by fundraising.

**Class Fee \$40.** Students must purchase formal black suit or long formal black dress and attend all concerts and trips to be in the Jazz Band 2.

The Palo Verde Jazz Band 2 is the development jazz ensemble providing students with the tools to succeed and being able to compete for a chair in our Jazz Band 1. This ensemble is by audition with the band director only and uses instrumentation found in standard big bands.

### **RHYTHMIC PRECISION COLORGUARD 7190**

**Requirements:** 1st period class all year. Monday after school practices in January, February, March, and April from 230-530.

**Winter Guard Competitions are in February, March and April (on Thursdays and Saturdays, dates TBD)**

**Colorguard performs at all assemblies, pep assemblies, and some games.**

**FEES: \$300.** Fundraising is available to offset fees, Any monies not raised will be the responsibility of the student and parent.

This course promotes the physical, mental, social, and emotional development of the individual in this performance-oriented program. It provides students with experiences in the physical conditioning, fundamentals of movement, performance skills, and leadership techniques while emphasizing responsibility and self-discipline. The course, which may be repeated, could include members of other groups including athletes, dancers, cheerleaders, and marching band. This course will fulfill a PE II credit or elective credit.

### **ORCHESTRA BEGINNING 7325**

**Grade 9 – Beginning and Intermediate Freshmen**

**Fee: \$40/year.**

**Requirements:** This group performs at numerous concerts & festivals throughout the year that students are required to attend.

This class is for students who completed the beginning level of orchestra at middle school or junior high school. Students will continue to develop skills and techniques to prepare them for the varsity orchestra.

### **ORCHESTRA INTERMEDIATE 7330**

**Grade 9 – Advanced Freshmen**

**Fee: \$40/year.**

**Requirements:** This group performs at numerous concerts & festivals throughout the year that students are required to attend.

This class is for students who completed the beginning level of orchestra at middle school or junior high school. Students will continue to develop skills and techniques to prepare them for the varsity orchestra.

## **ORCHESTRA ADVANCED 7335**

**Grade 10 - 12**

**Fee: \$40/year.**

**Requirements: This group performs at numerous concerts & festivals throughout the year that students are required to attend.**

This class is for students who completed the beginning level of orchestra at middle school or junior high school. Students will continue to develop skills and techniques to prepare them for the varsity orchestra.

## **ORCHESTRA SYMPHONY (Philharmonic) 7355**

**Prerequisite: Students must audition for placement.**

**Requirements: Students must purchase formal tuxedo or a long formal black dress and attend all concerts and trips to be in the Philharmonic.**

**Fee: \$40/year.**

The Palo Verde Philharmonic is the top performing ensemble in the orchestra department and frequently travels. This ensemble performs difficult literature from all musical eras. This ensemble is by audition with the orchestra director only and also performs with winds and percussion at least once each year for a full symphony orchestra. Private lessons are suggested for students in this ensemble. Extra rehearsals are required for off-campus performances and have mandatory attendance.

## **ORCHESTRA WINDS 7353**

**Prerequisite: Students must audition for placement.**

**Requirements: Students must purchase formal tuxedo or a long formal black dress and attend all concerts and trips to be in the Philharmonic.**

**Fee: \$40/year.**

This ensemble performs difficult literature from all musical eras. This ensemble is by audition with the orchestra director only and also performs with winds and percussion at least once each year for a full symphony orchestra. Private lessons are suggested for students in this ensemble. Extra rehearsals are required for off-campus performances and have mandatory attendance. Students must be concurrently enrolled in the concert band program.

This one-year course is designed to involve woodwind, brass, and percussion students in a wide variety of repertoire from the symphony orchestra literature. They will rehearse as a separate unit concentrating on every aspect of music aesthetics from the standpoint of a performer. Students will combine with the orchestra string section for performances throughout the school year. Students should already possess a fairly high degree of advanced playing technique. The class will continue to emphasize the development of skills. Music selection will include literature from all periods and styles. The importance of sustained group and individual effort is stressed. A progression of technical proficiency is expected. Emphasis will be placed on having a variety of performing experiences. This course will fulfill either the one arts/humanities credit or one of the elective credits required for graduation.

## **Miscellaneous Music Studies**

## **MUSIC APPRECIATION 7390**

**Grades: 9-12**

This one-year course is a general introduction to music with specific emphasis on music reading. Students will use general music instruments to learn rhythmic and melodic notation. Students will come away with a basic knowledge of note reading, musical terms, and critical listening.

## **AP MUSIC THEORY 5420**

This is a one-year course with an emphasis on meeting the requirements of the College Board Advanced Placement Music Theory examination. This course is designed for students who wish to further develop their understanding of music fundamentals, harmony, rhythm, and musical analysis will be explored. It is suggested that students have prior instrumental experience or membership in school vocal ensembles. This course may be repeated for credit. This course will fulfill either the one arts/humanities credit or one elective credit required for high school graduation. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

## Theatrical Studies

### **THEATRE I 7615**

**9<sup>th</sup> – 12<sup>th</sup> grade**

If you are a class clown or just someone who has always wanted to get involved in theatre or even if you are trying to get over shyness, then this class is for you. In this workshop-style class, students will use creativity developing original characters and scripts. Emphasis is on acting techniques for development of poise and loss of stage fright, character analysis, improvisation, and play production. **Students will be required to participate in an evening showcase performance and attend three Palo Verde Theater Main stage productions.**

### **THEATRE II 7620**

**Students are required to be involved in theatre festivals and workshops.**

**Prerequisite: Theatre I**

**If you want to further extend your theatrical abilities, take this course.** This class emphasizes preparation of audition materials and audition techniques, along with a more advanced approach to acting and theatrical training. **Students are required to attend three Palo Verde Theater Main stage productions.**

### **THEATRE III 7625**

**Prerequisite: Theatre II and audition.**

**Students are required to be involved in theatre festivals and workshops. This course also offered as a late bird.**

To help you progress even further in the theatrical field, this class will teach you to demonstrate advanced acting skills through reading, rehearsing, and acting theatre literature. Group interaction and ensemble work will be emphasized; however, independent work is expected as well. This class also helps students develop the skills of directing. **Students are required to attend three Palo Verde Theater Main stage productions.**

### **THEATRE IV 7630**

**Prerequisite: Theatre III and teacher recommendation. Students are required to be involved in theatre festivals and workshops. This course also offered as a late bird.**

This course is for students with a high aptitude and desire for advanced training in acting techniques, acting theory, and directing. **Students are required to attend three Palo Verde Theater Main stage productions.**

### **ADVANCED STUDIES PERFORMING ARTS**

This one-year course is offered to students whose individual desire is to pursue a study of their own interest through investigation and in-depth research for which there is no provision in the regular school curriculum. Students are expected to work independently and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Students must report to the supervising teacher once each week for assistance. Out-of-school research is considered homework and will not substitute for class attendance. Students are required to provide the coordinator and/or committee of interest or qualified persons with a written report or an oral presentation of the study. The appropriate use of technology is an integral part of this course. One credit per year is issued upon satisfactory completion of course requirements. Students may repeat the course with the approval of a counselor and/or administrator. This course will fulfill one arts/humanities credit required for graduation. **Students are required to attend three Palo Verde Theater Main stage productions and be involved in theatre festivals and workshops.**

### **THEATER TECHNOLOGY I 6827**

**Prerequisite: None**

**Fee: \$20.00**

This course will introduce the student to the craft and technical skills of a theatrical production. Students will be instructed in theatre safety, stage lighting, sound, scenic design and construction, properties, painting, and backstage responsibilities. Students are required to attend three Palo Verde Theater Main stage productions. Students are required to apply technical skills learned in class to Palo Verde events extending beyond school hours.

## **THEATER TECHNOLOGY II 6830**

**Prerequisite:** Theatre Technology I

**Fee:** \$20.00

This course is a continuation of Theatre Technology I. This course provides intermediate theater design technology students with instruction in advanced techniques and processes. Areas of study include lighting, sound, stage, and set design. The appropriate use of technology and industry-standard equipment is an integral part of this course. Students are required to attend three Palo Verde Theater Main stage productions. Students are required to apply technical skills learned in class to Palo Verde events extending beyond school hours.

## **THEATER TECHNOLOGY III 6833**

**Prerequisite:** Theatre Technology II

**Fee:** \$20.00

This course is a continuation of Theatre Technology II. This course provides advanced theater design technology students with instruction in advanced techniques and processes. Areas of study include lighting, sound, stage, set design and stage management. Students will be expected to design, construct and apply theatre production skills for all school productions. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education. Students are required to attend three Palo Verde Theater Main stage productions. Students are required to apply technical skills learned in class to Palo Verde events extending beyond school hours.

## **THEATER TECHNOLOGY ADVANCED STUDIES 6824**

**Prerequisite:** Theatre Technology III

**Fee:** \$20.00

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit. Students are required to attend three Palo Verde Theater Main stage productions. Students are required to apply technical skills learned in class to Palo Verde events extending beyond school hours.

## **MUSICAL THEATRE II 7570**

**Prerequisite:** Theatre I, Choir, Dance or teacher's approval.

**Students will be required to provide proper dance apparel.**

**Fee:** \$40/year.

This one-year course is designed for students who seek a professional career in musical theatre. The program is designed for the student already gifted with the basic abilities of acting, singing, and dancing. The course will further enhance and utilize skills through intensive and specialized course work. Students will explore tap, jazz, singing, and acting. Students will oversee the production of "Broadway Memories." This course will fulfill either the one art/humanities credit or one of the elective credits required for graduation. **Students are required to attend three Palo Verde Theater Main stage productions.**

## **FILM STUDIES I 7535**

**Prerequisite:** None.

In this one-year course, students study the development of the American film as an art form and a social phenomenon. The course surveys century genres, eras, trends, directors, studios, and influential people in the industry. Students will focus on the techniques of acting as they apply to the electronic and film media. Class work will focus on class discussion and criticism of various films. This course will fulfill either the one art/humanities credit or one of the elective credits required for graduation.

## **FILM STUDIES II 7540**

### **Prerequisite: Film Studies I.**

In this one-year course, students delve deeper into the development of the American film as an art form and a social phenomenon. The course continues to survey century genres, eras, trends, directors, studios, and influential people in the industry. Students will focus on the screenplay as well as the process of filmmaking. Students will be responsible for outside film projects while class work will focus on class discussion and criticism of various films. This course will fulfill either the one art/humanities credit or one of the elective credits required for graduation.

## **COSTUME DESIGN I 6251**

### **Fee: \$20/year. This fee covers the cost of materials for a special project the students will take home.**

If you love the costumes and make-up you see on stage and in movies, then this is the class for you. Students will become familiar with many aspects of costume history, design, and construction as well as learn the basics of make-up design and application. Students will work to create the costumes and make-up for school plays, musicals, and other theater related performances and become familiar with the backstage management of costume crews. **Students are required to attend three Palo Verde Theater Main stage productions.**

## **COSTUME DESIGN II 6254**

### **Prerequisite: Costume Design I with a C or better.**

### **Fee: \$20/year. This fee covers the cost of materials for a special project the students will take home.**

Areas of emphasis in this course are advanced costume construction, hat making, and costume design rendering. Specific topics include the historical role of costume needs for special roles, costume recycling or repair, sewing animals and foam construction, and costume occupation. Upon completion, students should have entry level skills for employment. Students will assume costume responsibilities for school plays, musicals, and other theater-related performances. Students will be required to work outside the classroom on school productions as well as attend three out-of-school performances over the course of the year. **Students are required to attend three Palo Verde Theater Main stage productions.**

## **COSTUME DESIGN III 6257**

### **Prerequisite: Costume Design II and teacher approval. Fee: \$20/year. This fee covers the cost of materials for a special project the students will take home.**

Students will receive advanced instruction in costume construction, rendering, and costume design history. Students will assume costume responsibilities for school plays, musicals, and other theater-related performances. Students will be required to work outside the classroom on school productions as well as attend three out-of-school performances over the course of the year. **Students are required to attend three Palo Verde Theater Main stage productions.**

## **COSTUME DESIGN ADVANCED STUDIES 6248**

Students will receive advanced instruction in costume rendering, pattern draping and drafting, costume construction, and costume design history. Students will design and construct costumes for school plays, musicals, and other theatre-related performances, and supervise both building and running crews for those performances. The student will be required to work outside the classroom on school productions as well as attend three out of school performances over the course of the year. **Students are required to attend three Palo Verde Theater Main stage productions.**

## **MAKE-UP DESIGN I 7555**

### **Prerequisite: None**

### **Fee: \$40/year.**

This one-year course is designed to familiarize students with the many aspects of make-up design, creation, and application. Class work focuses on developing hands-on make-up design and application. Students will learn how to use make-up design to enhance theatrical characters. Special units of study will include corrective makeup, prosthetic and special effect make-up, wigs, facial hair, tattoos and the development of professional skills. This course will fulfill either one elective credit or one Arts/Humanities credit required for high school graduation. **Students are required to attend three Palo Verde Theater Main stage productions.**

# Department of Physical Education

The Palo Verde High School physical education program offers students a wide variety of courses designed to meet their needs for good health and physical fitness in their present life, to develop an awareness for the necessity of a long-range program of physical activity, and to promote health and vitality. Individual, dual, and team activities are available in the required courses as well as in the elective classes. The goal of health education is to provide students with the knowledge to make intelligent choices on matters affecting their health.

## Weight Training/Health/Dance

### **PHYSICAL EDUCATION I 5010**

**Fee: Uniform Fee: \$22. \$6 lock fee**

This required course, primarily for ninth graders, is aimed at the development of the student through individual and team sports by helping the student to grow physically, mentally, and socially in accordance with social standards. A Palo Verde High School P.E. uniform is required, and students are required to dress out in this uniform each day.

### **PHYSICAL EDUCATION II 5020**

**Fee: Uniform Fee: \$22. \$6 lock fee**

This required course, primarily for tenth graders, is aimed at the further development of the student through individual and team sports by helping the student grow physically, mentally, and socially in accordance with social standards. It is required unless a P.E. waiver is obtained. Information concerning a physical education waiver is on page 7.

### **FUNCTIONAL FITNESS (CROSSFIT)**

**Prerequisite: Grades 9-12**

**Fee: Uniform Fee: \$22. \$6 lock fee**

**This course can be repeated for PE I, PE II and for elective credit.**

This one-year course provides students the opportunity to participate in CrossFit Kids® to develop a health-enhancing level of physical fitness. This course can only be taught by instructors who have passed the CrossFit® Level I Certificate Course and completed the CrossFit® Kids Course. Students engage in movement and fitness activities at moderate to vigorous levels for a minimum of 50% of the instructional time. Students participate in constantly varied functional fitness movements at high intensity levels. Students develop universal motor recruitment patterns by building functional movements, physical skills, and by adapting functional movements to their personal skill levels. This course fulfills one of the two physical education credits required for high school graduation.

### **WEIGHT TRAINING (BOYS) 5460**

**Prerequisite: Grades 9 – 11.**

**Fee: Uniform Fee: \$22. \$6 lock fee**

The primary goal of this course is to complete successfully an individualized 30 minute strength and conditioning work out each day. Students will also receive instruction covering basic weight training principles, weight room safety, and proper nutrition guidelines. Additional evaluation and lifting technique instruction will be provided by the instructor on a daily basis. This does not count as a P.E. I or II credit.

### **WEIGHT TRAINING (GIRLS) 5460**

**Prerequisite: Grades 9 – 11.**

**Fee: Uniform Fee: \$22. \$6 lock fee**

The primary goal of this course is to complete successfully an individualized 30 minute strength and conditioning workout each day. Students will also receive instruction covering basic weight training principles, weight room safety, and proper nutrition guidelines. Additional evaluation and lifting technique instruction will be provided by the instructor on a daily basis. This does not count as a P.E. I or II credit.

## **LIFETIME SPORTS & RECREATION 5440**

**Prerequisite: 2 years of physical education**

**Fee: Uniform Fee: \$22. \$6 Lock fee**

**Grade 11-12**

This one-year course is designed for students who have successfully completed two years of physical education. This course provides students with a comprehensive understanding of lifetime sports and recreational activities. Students focus on improving sports skills, participating in lifelong sport and recreational activities, and improving fitness levels while working at moderate to vigorous levels for a minimum of 50% of the instructional time. 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. This course fulfills one of the elective credits required for high school graduation.

## **DANCE I 5050**

**Fee-\$25 Includes a dance shirt, lock, and costume rental fee. Limited 9<sup>th</sup> grade enrollment. 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade can take Dance I**

This course is designed to develop an appreciation of dance as an art form. This will be achieved by providing movement experiences that explore and extend the artistic, affective, cognitive, and psychomotor potentials of the student. There are two dance shows required throughout the year. A PVHS dance shirt will be required and the students must dress out in the dance shirt and leggings, sweats, or dance pants each day. This class can be taken instead of PE I, or PE II. It can also be an elective.

## **DANCE II 5060**

**Fee- \$25 Includes a dance shirt, lock, and costume rental fee. 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade can take Dance II, students must participate in Dance I before they can be in Dance II.**

This course provides higher level dance training. It develops and extends the artistic, affective, cognitive, and psychomotor potentials of the advanced with opportunities to explore, create, organize, and evaluate a variety of dance forms. There are two dance shows required throughout the year. A PVHS dance shirt will be required and the students must dress out in the dance shirt and leggings, sweats, or dance pants each day. This class can be taken instead of PE I, or PE II. It can also be an elective.

## **Dance II Advanced 5060**

**Fee-\$25 Includes a dance shirt, lock, and costume rental fee. 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade can take Dance II Advanced**

This course promotes an even higher level of dance training. It develops and extends the artistic, affective, cognitive, and psychomotor potentials of the advanced student. The students are provided with opportunities to explore, create, organize and evaluate a variety of dance forms. **A student must have an invitation of the dance instructor to be in this class.** There are two dance shows required throughout the year. A PVHS dance shirt will be required and the students must dress out in the dance shirt and leggings, sweats, or dance pants each day. This class can be taken instead of PE I, or PE II. It can also be taken as an elective.

## **HEALTH EDUCATION 5100**

**Mandatory 9th grade rotation class.**

This half-credit course includes instruction in the structure and function of the body systems and how personal choices affect good health and total wellness. It includes instruction in the areas of nutrition, first aid, CPR qualification, stress management, medicines, drug use, alcohol, tobacco, and sex education. This class satisfies CCSD and state graduation requirements.

## **RHYTHMIC PRECISION COLORGUARD 7190**

**FEES: Course fee \$40, Marching season: competition, travel, and costume fees - \$260. Winterguard season fee: \$300. Additional fees may apply based on competition schedule and travel expenses. Fundraising is available to offset fees, outside of course fee. Any monies not raised will be the responsibility of the student and parent. Students must attend Colorguard and band camp in August, dates TBD. Practices will be during the class period, Monday nights from 6pm-9pm, and on some Saturdays.**

This course promotes the physical, mental, social, and emotional development of the individual in this performance-oriented program. It provides students with experiences in the physical conditioning, fundamentals of movement, performance skills, and leadership techniques while emphasizing responsibility and self-discipline. The course, which may be repeated, could include members of other groups including athletes, dancers, cheerleaders, and marching band. This course will fulfill a PE II credit or elective credit.

# Department of Science

To prepare students for entry into colleges, universities, and the work force, the science department strongly recommends four years of science including natural and physical sciences. For the college-bound student, four years of science would be recommended to include courses in biology, chemistry, and physics or geoscience. All science courses at Palo Verde High School are designed around a hands-on/minds-on approach as we believe that one can only learn science by doing science.

## **BIOLOGY 3010**

This one-year course is designed to integrate science and engineering practices, crosscutting concepts, and core ideas related to biology. The topics covered in Biology include Structures and Function, Matter and Energy in Organisms and Ecosystems, Interdependent Relationships in Ecosystems, Inheritance and Variation of Traits, Natural Selection and Evolution, 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. The appropriate use of technology is an integral part of this course. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college entrance.

## **BIOLOGY HONORS 30104**

**Prerequisite: Completion or concurrent enrollment in Algebra. Recommendation of 8<sup>th</sup> grade science teacher.**

This one-year course is designed to integrate science and engineering practices, crosscutting concepts, and core ideas related to biology. This course is designated as honors level by the accelerated instructional pacing and depth of content. The topics covered in Biology Honors include Structures and Function, Matter and Energy in Organisms and Ecosystems, Interdependent Relationships in Ecosystems, Inheritance and Variation of Traits, Natural Selection and Evolution, 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. The appropriate use of technology is an integral part of this course. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college entrance.

## **CHEMISTRY 3100**

**Prerequisites: Completion of Biology and Algebra**

This course is a math based survey of the basic concepts of chemistry. Topics covered include atomic theory and structure, elements, compounds, mixtures, periodicity of the elements, bonding, formula writing, equation balancing, energy changes in chemical equations, and the mole concept. Scientific skills of experimentation, measurement, and reporting are emphasized. A good understanding of solving algebraic equations is required. Math concepts will be reviewed in this class. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college admission.

## **CHEMISTRY HONORS 31004**

**Prerequisites: Completion of Biology Honors and Algebra with a grade of B or above and teacher recommendation.**

This course is a rigorous presentation and mathematical analysis of the theory and concepts of chemistry. It covers the same topics as Chemistry. Students planning to study science, engineering, medicine, etc. in college should take this course. Emphasis is on synthesis, analysis, and evaluation of information covered in the textbook, in class discussions and in the laboratory. A scientific project may be required in this course. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college admission.

## **GEOSCIENCE 3080**

### **Prerequisites: Completion of Biology**

Geoscience is a course that explores the origins and connections between the physical, chemical, and biological processes of the earth system. Students experience the content of Geoscience through inquiry-based laboratory investigations and focus on topics associated with matter, energy, crystal dynamics, cosmic evolution and structure, cycles, geochemical processes, and the expanded time scales needed to understand events in the earth system. Geoscience provides the knowledge, skills and habits of mind needed for problem solving and ethical decision making about scientific and technological issues. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college admission.

## **PHYSICS 3200**

### **Prerequisite: Completion of Algebra and Biology**

This course applies the concepts of physics to explain phenomena that students observe in the everyday world. Topics include mechanics, energy, momentum, circular motion, thermodynamics, waves, sound, light and reflection, electricity, magnetism, circuits, radioactivity, and atomic physics. Great emphasis will be given to hands-on experimentation and demonstrations. Students will study engineering concepts by building bridges, roller coasters, trebuchets, and bottle rockets. Math concepts will be reviewed in this class as they apply to physics. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college admission.

## **PHYSICS HONORS 32004**

### **Prerequisite: Chemistry Honors, Algebra II Hand/or Geometry H with a C or above**

This course is a one-year college-preparatory course that informs students of the basic relationships of different forms of energy through the use of mathematical concepts. Demonstrations and/or lab experiences are an integral part of this course. Topics included are scientific method, lab procedures, mathematics review, mechanics, energy, heat, energy transfer, electricity and magnetism, and atomic structure. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college admission.

## **AP BIOLOGY 30602**

**Prerequisites: Seniors Only. Completion of Chemistry H and Physics H with a C or above. Alternatively, completion of Chemistry and Physics with an A and teacher's approval. Course may be taken concurrently with Physics or Physics H if chemistry prerequisite has been met and with teacher's approval. Concurrent enrollment in Extended Science Lab required. (Hours of study per week = 5)**

This is a first-year college level biology course for the advanced student in the life sciences. It is intended for the serious student who wishes to qualify for the AP Exam in Biology. Good writing skills are required. Students should expect extensive reading assignments. Additionally, there will be one lab per week; one exam, two quizzes and an essay per unit; one formal lab write-up per semester; and one research project per year. The course covers topics such as biological chemistry, cellular biology, organismal biology, genetics, and population biology. Topics are presented in-depth and are reinforced with inquiry laboratory experiences that prepare students for the Biology AP Exam. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college admission. This course is double-blocked with Extended Science Lab.

### AP CHEMISTRY 31702

**Prerequisite: Completion with B or above in Biology H, Chemistry H, & Physics H\* (or concurrent enrollment) and B or above in all Honors math classes. Teacher recommendation required. \*Students that do not take Physics in 11<sup>th</sup> grade will be required to enroll in 12<sup>th</sup> grade. Concurrent enrollment in Extended Science Lab required. (Hours of study per week= 5)**

This one-year course is designed to provide a comprehensive background for those students desiring an in-depth study of chemical concepts. Topics included are atomic theory and structure, chemical bonding, nuclear chemistry, gases, liquids, solids, solutions, reaction types, acids, bases, stoichiometry, equilibrium, kinetics, thermodynamics, electrochemistry, oxidation-reduction, descriptive chemistry, and an introduction to carbon chemistry. Laboratory work of a quantitative and qualitative nature is used to develop manipulative skills and reinforce topic areas. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college admission. This course is double-blocked with Extended Science Lab.

### AP PHYSICS 1 32302

**Prerequisites: Chemistry Honors with a “B” or above, Algebra II H with a “B” or above or teacher recommendation. Concurrent enrollment in Extended Science Lab required. (Hours of study per week = 5)**

*AP Physics* courses are designed to assist students in high school in gaining college credit and/or placement in Physics upon successful completion of the AP exam. The course objectives and pacing will have students prepared to take the AP exam in May. Students should have strong math skills and have an interest in exploring Science, Technology, Engineering, and Math (STEM) careers. This course is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. To be fully prepared for college, students should plan to take AP Physics 1 and AP Physics 2. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college admission. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship. This course is double-blocked with Extended Science Lab.

### AP PHYSICS 2 32352

**Prerequisites: AP Physics 1 or Physics Honors with a “B” or above. Algebra II H with a “B” or above or teacher recommendation. (Hours of study per week = 5)**

This course is equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college admission. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

### AP PHYSICS C: MECHANICS 32452

**Prerequisites: AP Physics 1 with a “B” or Physics Honors with an “A” Completed or concurrently enrolled in Calculus AB/BC Teacher Recommendation. (Hours of study per week = 5)**

This is a calculus-based physics course that covers kinematics, dynamics, energy, momentum, rotation, gravitation and oscillation. This course is the first of a two-course sequence that is equivalent to the introductory physics sequence taken by science and engineering students at most colleges and universities. This course fulfills one of the science credits required for high school graduation and qualifies as a laboratory science for college admission. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

## Elective Classes In Science

### **PRINCIPLES OF ANATOMY AND PHYSIOLOGY HONORS 34504**

**Prerequisite: Completion of Chemistry H and Physics H with a C or above. Alternatively, completion of Chemistry, Biology, and Physics with an A and teacher's approval. May be taken concurrently with Physics Honors or Physics if the chemistry prerequisite has been met.**

This one-year course is a survey of the fundamentals of anatomy and physiology. This course is designed as honors level by the accelerated pacing and depth of content. Topics focus on the interrelationships of human body systems. Demonstrations and lab experiences that employ proper safety techniques are essential to this course. The appropriate use of technology is an integral part of this course. This course is designed for students who have a special interest in human anatomy and physiology and is taught at a pre-med level. This course includes integral laboratory experiences and comparative dissections that reinforce the topics covered in class. Students must be able to participate in all dissections including the dissection of a domestic cat. **This course fulfills one of the elective credits required for high school graduation but does not count as a Science credit.**

### **INTRODUCTION TO ROBOTICS 3440**

**Prerequisite: Concurrent Enrollment in Science Credit Class**

**Fee: \$40**

This one-year course is designed to provide a hands-on approach to concepts in robotics technologies. This course will be tied directly to laboratory construction of complex robotics systems with emphasis placed on mobile robots and the illustrations of current state of the art research and applications. Additionally, this course will provide the historical development of robotics as a field, effectors and control, integrating sensors, mobile robot controls (reactive, behavior-based, and hybrid), motion planning, robot learning, multi-robot systems, as well as an overview of the field of robotics and their influence on society and the future. In addition to advanced computer science concepts, introductions to the related fields of mechanical and electrical engineering as well as cross-curricular references to the biological, chemical and physical sciences will be provided as appropriate. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The use of technology is an integral part of this course. **This course fulfills one of the elective credits required for high school graduation but does not count as a Science credit.**

### **PRINCIPLES OF MARINE SCIENCE 3515**

**Prerequisite: 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> Grade Status; Successful completion of one year of Biology; Concurrent Enrollment in Science Credit Class for 10<sup>th</sup> and 11<sup>th</sup> grade students**

This one year course explores the living and non-living aspects of the ocean environment. Topics covered include ocean exploration, interactions between the atmosphere and the ocean, oceanic life forms, properties of seawater, and how humans interact with the marine environment. This course will include the use of technology, student projects, demonstrations, and laboratory experiences that will enhance student understanding of the ocean and the preservation of its lifeforms. This course fulfills one elective credit for high school graduation. It does not fulfill science credit for graduation. **This course fulfills one of the elective credits required for high school graduation but does not count as a Science credit.**

### **FORENSIC SCIENCE I 6261**

**Prerequisite: 9<sup>th</sup> and 10<sup>th</sup> Grade Only; Concurrent Enrollment in Science Credit Class**

**Fee: \$25.00**

This course introduces the principles and procedures employed in criminal and civil investigations. Areas of study include history of forensic science, types of evidence, careers, legal and ethical issues and exploring crime scenes. Emphasis will be put on gathering information that are used to collect evidence, practice unbiased testimony, crime scene photography and crime scene procedures. The appropriate use of technology and industry-standards equipment is an integral part of this course. **This course fulfills one of the elective credits required for high school graduation but does not count as a Science credit.**

### **FORENSIC SCIENCE II 6262**

**Prerequisite: Forensic Science I; 10<sup>th</sup> and 11<sup>th</sup> Grade Only; Concurrent Enrollment in Science Credit Class**

**Fee: \$25.00**

This course is a continuation of Forensic Science I. This course allows for students interested in the forensic science field to develop their knowledge and skills in principles and procedures related to laboratory fundamentals and forensic disciplines. Areas of study include biological and chemical hazards, utilization of lab equipment, lab accreditation, examine of evidence, and fingerprinted processes. The appropriate use of technology and industry-standards equipment is an integral part of this course. **This course fulfills one of the elective credits required for high school graduation but does not count as a Science credit.**

### **FORENSIC SCIENCE III 6264**

**Prerequisite: Forensic Science II**

This course is a continuation of Forensic Science II. This course allows advanced forensic science students the opportunity to develop skills in courtroom proceedings and forensic specialties. Areas of study include legal proceedings, examination questioning, death investigations, anthropology, entomology and forensic psychology. Emphasis will be placed on criminal profiling, skeletal remains, pathology, and courtroom personnel. The appropriate use of technology and industry-standards equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary employment. **This course fulfills one of the elective credits required for high school graduation but does not count as a Science credit.**

### **IB BIOLOGY**

**30403**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a one-year Standard-Level (SL) sequence for International Baccalaureate Diploma students. IB Biology is taught in the junior year. The course meets the Clark County School District and State of Nevada requirements for science. Biologists attempt to understand the living world at all levels using many different approaches and techniques. At one end of the scale is the cell, its molecular construction and complex metabolic reactions. At the other end of the scale, biologists investigate the interactions that make whole ecosystems function. Many areas of research in biology are extremely challenging and many discoveries remain to be made. There are a variety of approaches to the teaching of biology. By its very nature, biology lends itself to an experimental approach, and it is expected that this will be reflected throughout the course. Integral to the experience of students is their experience in the classroom, laboratory or in the field. Practical activities will allow students to interact directly with natural phenomena and secondary data sources. These experiences provide the students with the opportunity to design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers and evaluate and communicate their findings. Experiments can be used to introduce a topic, investigate a phenomenon or allow students to consider and examine questions and curiosities. **Students are expected to take the International Baccalaureate exam at the end of this course.**

**Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

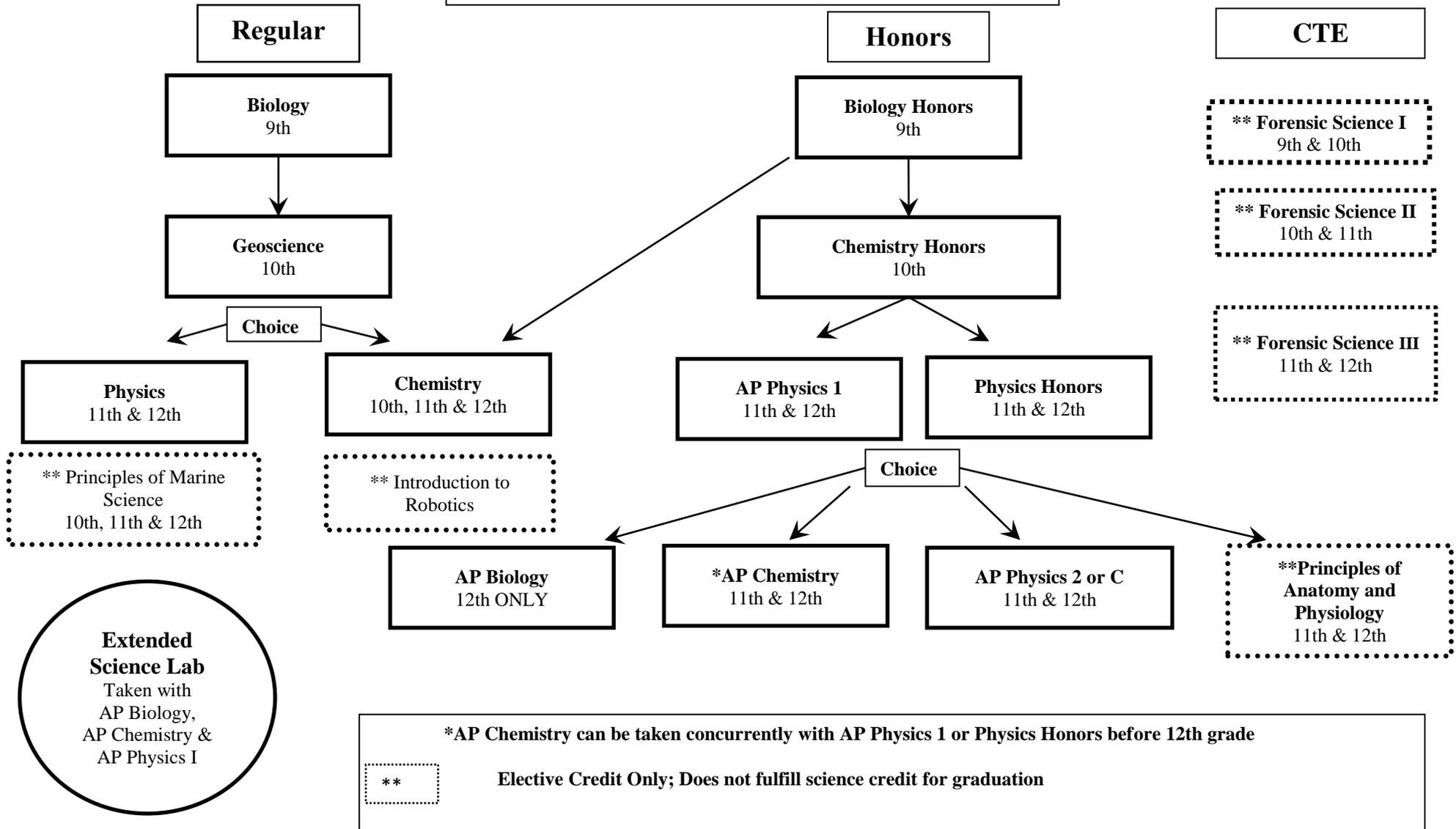
## **IB PHYSICS**

**3210**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a one-year Standard-Level (SL) sequence for International Baccalaureate Diploma students. IB Physics may be taught in the junior or senior year. The course meets the Clark County School District and State of Nevada requirements for science. Physics is the most fundamental of the experimental sciences, as it seeks to explain the universe itself from the very smallest particles—currently accepted as quarks, which may be truly fundamental—to the vast distances between galaxies. Students will investigate topics from among: measurements and uncertainties, mechanics, thermal physics, wave theory, electricity and magnetism, circular motion and gravitation, atomic, nuclear and particle physics, and energy production. Additional optional study areas may include relativity, engineering physics, imaging, and/or astrophysics. Experiential activities provide the students with the opportunity to design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers and evaluate and communicate their findings. Experiments can be used to introduce a topic, investigate a phenomenon or allow students to consider and examine questions and curiosities. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

# 2015-2016 Science Course Sequence



# Department of Social Studies

The courses offered by the Department of Social Studies at Palo Verde High School are designed to provide students with an opportunity to explore the political, historical, social, cultural, and economic foundations of society. Elective courses are available to enrich students' academic experience and to broaden their ability to understand human behavior and society from many perspectives.

## Required Areas of Study

### AP WORLD HISTORY 41402

**Prerequisite: Sophomore standing.**

This one-year course is for the highly-motivated students interested in a more collegiate class experience. An intensive and comprehensive review of the geographical, social, intellectual, cultural, religious, civic, technological, and economic trends and themes that have shaped human society is presented. Much of the emphasis is on the development of society over the last one thousand years. Students engage in high level analysis, interpretation, critical-thinking, and critical writing in preparation for the Advanced Placement exam in World History. The class fulfills the Arts/Humanities and World History requirements. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

### HONORS WORLD HISTORY 40804

**Prerequisite: Sophomore standing.**

This one-year course is for motivated students interested in a deeper understanding of the geographical, social, intellectual, cultural, religious, civic, technological, and economic trends and themes that have shaped history since the Renaissance. An analytical and interpretive examination of historical events and themes is emphasized. The class fulfills the Arts/Humanities and World History requirements.

### WORLD HISTORY 4080

**Prerequisite: Sophomore standing.**

This is a one-year course covering world history from the Renaissance to current times. Students will gain an appreciation for the geographical, social, intellectual, cultural, religious, civic, technological, and economic trends and themes that have shaped history since the Renaissance. The class fulfills the Arts/Humanities and World History requirements.

### AP US HISTORY 42202

**Prerequisite: Junior standing.**

This one-year course is for the highly-motivated students interested in a more collegiate class experience. A comprehensive understanding of the social, cultural, political, technological, spatial, and economic developments in US History is presented. Students will engage in high level analysis, interpretation, critical-thinking, and critical writing in preparation for the Advanced Placement exam in US History. This course fulfills the US History requirement. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

### HONORS US HISTORY 41604

**Prerequisite: Junior standing.**

This one-year course is for motivated students interested in a deeper understanding of the social, cultural, political, technological, spatial, and economic developments in US History during the twentieth and early twenty-first centuries. Students will develop a means to critically interpret historical events and themes, as well as a much more detailed look at modern American history. This course fulfills the US History requirement.

## **US HISTORY 4160**

### **Prerequisite: Junior standing.**

This one-year course examines the history of the United States in a thematic perspective from the post-Civil War period to today. An analytical examination of social, cultural, political, technological, spatial, and economic developments in US History during the twentieth and early twenty-first centuries is emphasized. Students will develop interpretive skills to examine historical events and themes. This course fulfills the US History requirement.

## **AP US GOVERNMENT AND POLITICS 43002**

### **Prerequisite: Senior standing.**

This one-year course is for motivated students seeking a college-level experience. A comprehensive review of the civic, social and economic principles that have shaped, and continue to shape, government in America is presented, along with an understanding of current American politics. Students may engage in supplementary readings, critical writing, regular seminars, and colloquium discussions on the institutions, policies, and events, both domestic and foreign, shaping government and politics in the United States. This is a college level course that may contain conversations on controversial topics. Students will be prepared for the AP US Government and Politics Exam. This course fulfills the US Government requirement. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

## **HONORS US GOVERNMENT AND POLITICS 42404**

### **Prerequisite: Senior standing.**

This one-year course is for motivated students interested in a deeper understanding of the formal and informal institutions, and policy framework of federal, state, and local government in the United States. A detailed review of the civic, social, and economic principles that have shaped, and continue to shape, government in America is presented. Analytical and evaluative perspectives of current events and a broader understanding of civic responsibilities are presented. This course fulfills the US Government requirement.

## **US GOVERNMENT AND POLITICS 4240**

### **Prerequisite: Senior standing.**

This one-year course studies the formal and informal institutions, and policy framework of federal, state, and local government in the United States. Emphasis is on the basic civic, social, and economic principles that have shaped, and continue to shape, government in America. Current events, theories, and broad concepts are all explored to enrich student understanding of their relationship and civic responsibilities toward government in the United States. This course fulfills the US Government requirement.

## **US GOVERNMENT AND POLITICS 42400MA (APEX - ONLINE FORMAT)**

### **Prerequisite: Senior standing.**

**This is an online course that seniors will complete from home. As the student's progress through the course, individual quizzes and tests must be taken at Palo Verde High School with the assigned teacher. Students that sign-up for this course are stipulating that they have both a computer and internet access at home. This course is not approved by the NCAA and should not be taken by students considering playing college athletics.**

This one-year course studies the formal and informal institutions, and policy framework of federal, state, and local government in the United States. Emphasis is on the basic civic, social, and economic principles that have shaped, and continue to shape, government in America. Current events, theories, and broad concepts are all explored to enrich student understanding of their relationship and civic responsibilities toward government in the United States. This course fulfills the US Government requirement.

## **Elective Areas of Study**

## **AP ECONOMICS 44802**

### **Prerequisite: Junior or senior standing and completion of Algebra I.**

This one-year course for motivated students introduces students to economic reasoning in microeconomics, macroeconomics, international economics, and development economics. Microeconomics includes the foundations of economics, the functions of supply and demand, the price mechanism, business structures, labor markets, taxes, externalities, and the role of government in the economy. Macroeconomics includes unemployment, inflation, recession, and monetary and fiscal policy. International economics

examines currency markets and the flow of trade, while development economics introduces students to global long-term growth issues. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

### **AP HUMAN GEOGRAPHY 44802**

#### **Prerequisite: None**

This one-year course for highly motivated students focuses on the spatial relationships of human interaction. The nature and importance of geography, demography, migration, culture, political organization, agriculture and rural land use, industrialization, urbanization and city land use, globalization, and environmental sustainability are examined and evaluated from the spatial perspective of the geographer. Students may choose to sit for the AP Human Geography test. This course fulfills the Arts/Humanities and World History graduation requirements, or an elective requirement. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

### **AP PSYCHOLOGY 44282**

#### **Prerequisite: Junior or Senior standing.**

This one-year course is for motivated students. Students will gain a thorough systemic and scientific understanding of human behavior. Significant psychological theories, principles, facts, and phenomena will be studied. Student perceptions of the world around them will be expanded. Hands-on activities and practice will introduce students to important research methods and further enrich student understanding of psychology and its means of inquiry. Several topics may be more suited for mature students. Students will be prepared for the AP Psychology test. This course fulfills an elective requirement. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

### **HONORS ECONOMICS 44684**

#### **Prerequisite: Junior or senior standing.**

This one-year course introduces students to economic reasoning in microeconomics, macroeconomics, international economics, and development economics. Microeconomics includes the foundations of economics, the functions of supply and demand, the price mechanism, business structures, labor markets, taxes, externalities, and the role of government in the economy. Macroeconomics includes unemployment, inflation, recession, and monetary and fiscal policy. International economics examines currency markets and the flow of trade, while development economics introduces students to global long-term growth issues.

### **CRIME & JUSTICE 4460**

#### **Prerequisite: Sophomore, Junior or Senior standing.**

This one-year course is a study of crime and justice with special attention on local, state, and federal law enforcement agencies as they affect individuals within the legal system. Students analyze the historical development of law, theories of deviance, definitions of crime, as well as the criminal justice system and its processes. A special emphasis is placed on contemporary issues and dilemmas arising out of the current system of law enforcement and adjudication. The appropriate use of technology is an integral part of this course. This course fulfills an elective requirement.

### **PSYCHOLOGY 4540**

#### **Prerequisite: Sophomore, Junior or Senior standing.**

This one-year course will introduce basic concepts used by psychologists to understand human behavior. Topics to be covered include psychology's place among the sciences, human development, physiological bases of behavior, motivations, learning, normal and abnormal behavior, therapies, testing, and the effects of group membership on behavior. Several topics may be more suited for mature students. This course fulfills the CCSD elective requirement.

### **SOCIOLOGY 4548**

#### **Prerequisite: Sophomore, Junior or Senior standing.**

This one-year course explores the dynamic forces that shape group behavior and social relations in society. Topics such as fashion, music, art, television and film, and advertising are used to examine the complexity of the social structure. Emphasis is on the relationship of individuals and groups to society, as well as how race, class, and gender determine individual power, status, and influence. Instructional practices integrate diversity awareness. Several topics may be more suited for mature students. This course fulfills an elective requirement.

### **IB GLOBAL POLITICS I AND II 44903 / 44943**

**Prerequisite: Open to any Junior or Senior student with the approval of the course instructor.**

This is a two-year Higher-Level (HL) or Standard-Level (SL) sequence for International Baccalaureate Diploma students. IB Global Politics I is taught during the junior year, and IB Global Politics II is taught in the senior year. The sequence meets the Clark County School District and State of Nevada elective requirements for social studies. Global Politics explores important political concepts such as power, equality, sustainability and peace in a range of contexts, centered on a unifying theme of “people, power, and politics.” It allows students to develop an understanding of the local, national, international and global dimensions of political activity and processes, as well as to explore political issues affecting their own lives. The course helps students to understand abstract political concepts by grounding them in real-world examples and case studies. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

### **IB US HISTORY AND IB GOVERNMENT 41203 | 42803**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a two-year mandatory Higher-Level (HL) sequence for International Baccalaureate Diploma students. IB US History is taught in the junior year, and IB US Government is taught in the senior year. The sequence meets the Clark County School District and State of Nevada requirements for US History and US Government. The course sequence is an in-depth study of an individual prescribed historical subject and the selection of two topics from the US History. Student inquiry encompasses the main developments in 20th century world history including a comprehensive understanding of the American History, with focused attention on key components of US History and the Constitutional history, institutional framework, development, and policies of the government of the United States. Thus, the IB US History and IB Government sequence provides both structure and flexibility, fostering an understanding of major historical events in a global context. It requires students to make comparisons between similar and dissimilar solutions to common human situations, whether they are political, economic or social. It invites comparisons between, but not judgments of, different cultures, political systems and national traditions. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

### **HONORS GLOBAL DIPLOMACY AND THE UNITED NATIONS 44834**

**Prerequisite: Senior standing in Speech and Debate-Model United Nations, and related programs.**

This one-year course is only for seniors in the Speech and Debate-Model United Nations program. The functions of the United Nations and its diplomatic role with respect to the political, economic, and cultural concerns of the global community will be explored. Students will engage in research and analysis, discussion, negotiation, case studies, and debate in order to develop a broader understanding of global politics and plausible solutions to collective world problems. A variety of communication skills, including oral, written and public speaking will be employed, along with developing skills in critical-thinking, persuasion and negotiation. The appropriate use of technology is an integral part of this course. Students are expected to compete in model united nations’ conferences, Academic World Quest, and/or speech and debate.

### **HISTORY OF POPULAR MUSIC 4568**

**Prerequisite: Sophomore, junior, or senior standing.**

This one-year course is an extensive study of history’s most successful recording artists and bands. Emphasis is placed on the study and appreciation of music, including student research on the sociological events of the 1950s, 1960s, 1970s, and beyond. Students analyze video, music, and literature to evaluate the impact of music on Western culture. 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. This course fulfills one elective credit required for high school graduation.

### **SPEECH AND DEBATE III (Model United Nations) 1485**

**Prerequisite: Junior standing and interest in Speech and Debate-Model United Nations, and related programs.**

This course offers instruction in a variety of communication skills, including oral, written and public speaking will be employed, along with developing skills in research and analysis, critical-thinking, persuasion and negotiation. The principals and concepts of Speech and Debate will be explored in detail from the perspective of global politics in preparation for Model United Nations conferences, and other Speech and Debate competitive events. Argumentative skills will be developed. Students are expected to compete in model united nations’ conferences, Academic World Quest, and/or speech and debate.

# Department of World Languages

The study of world language adds a dimension of enrichment to the academic experience. Since languages and cultures are intertwined, studying a world language facilitates understanding of people and nations; moreover, language study helps students view their own language and culture from new perspectives.

## **FRENCH I 7752**

### **SPANISH I 7852**

This one-year course is designed to facilitate a student's acquisition of the target language at the novice-mid level as identified in the foreign language proficiency guidelines established by the American Council on the Teaching of Foreign Languages (ACTFL). The focus is communication in the target language incorporating an understanding of the target cultures, connecting with other disciplines, comparing native language to the target language, and participating in multicultural communities. The course provides practice in correct use of basic vocabulary and language structures to enable students to function effectively within realistic settings. ACTFL recommends that at least 90% of the instructional time in class be conducted in the target language. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one of the elective credits required for high school graduation.

## **BEGINNING SPANISH LITERACY 7860**

### **Prerequisite: Web CAPE score of 250 or less.**

This one-year course is designed to provide Spanish-speaking students with an opportunity to develop proficiency in the skills of listening, speaking, reading, and writing in Spanish. The focus of the instruction will be on literacy (reading and writing in Spanish). This course will promote the development of oral and written communication. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course.

## **INTERMEDIATE SPANISH LITERACY H 78614**

### **Prerequisite: WEBCAPE score of 251-499**

This one-year course is designed to provide Spanish speakers with the opportunity to develop proficiency in the skills of listening, speaking, reading, and writing in Spanish. The focus is on oral and written communication, incorporating an understanding of diverse Hispanic cultures, connections to other disciplines, comparing English to Spanish and participating in multicultural communities. Knowledge of linguistic structures and vocabulary will be reviewed and expanded to allow students to communicate at the intermediate level in real-life situations. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to our society. The appropriate use of technology is an integral part of this course. This course fulfills one elective credit required for high school graduation.

## **ADVANCED SPANISH LITERACY H 7862**

### **Prerequisite: WEBCAPE score of 500 or higher**

This one-year course is designed for students from a Spanish-speaking background who demonstrate a proficiency level of intermediate-mid as identified in the foreign language proficiency guidelines established by the American Council on the Teaching of Foreign Languages (ACTFL). Students continue to refine proficiency in the target language with the end-of-course goal of demonstrating proficiency at the intermediate-high level. The focus is communication in the target language incorporating an understanding of the target cultures, connecting with other disciplines, comparing native language to the target language, and participating in multicultural communities. The course provides practice in correct use of vocabulary and language structures to enable students to function effectively within realistic settings. ACTFL recommends that at least 90% of the instructional time in class be conducted in the target language. 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. This course fulfills either one of the elective credits or the Arts/Humanities credit required for high school graduation.

**FRENCH II H 77544**  
**JAPANESE II H 3930**  
**SPANISH II H 78534**

**Prerequisite: Grade of C or better in both semesters of Level I and instructor approval.**

These second-year courses continue the development of proficiency in the four basic skills of listening, speaking, reading and writing. Emphasis is on communication in the target language at the intermediate level in real-life situations. Students will expand knowledge of vocabulary and continue to explore the cultural diversity of the target cultures. This course will require daily study, drill, and written exercises as needed of more advanced grammar structures and concepts and their use.

**FRENCH III H 77564**  
**SPANISH III H 78544**

**Prerequisite: Grade of C or better in both semesters of Level II and instructor approval.**

These third-year courses are designed for the student to achieve a greater degree of proficiency in the target language. Emphasis is on communication in authentic oral and written contexts, as well as the four skills of listening, speaking, reading, and writing. Students will further expand knowledge of language structures, vocabulary, and culture. Reading for understanding is required through the offerings of short stories and passages from novels and other works.

**FRENCH IV H 77604**  
**SPANISH IV H 78584**

**Prerequisite: Grade of C or better in Level III or instructor approval.**

These are college-level courses designed to raise the level of proficiency in all areas: listening, speaking, reading and writing. They require extensive study and preparation and will broaden the knowledge and command of the target language. The focus is in-creased fluency and communication at a more abstract and complex level for use in the global community. Students will continue to expand knowledge of previously introduced and more advanced language structures and concepts, vocabulary, culture, history and literature.

**FRENCH V H 77644**  
**SPANISH V H 78584**

**Prerequisite: Teacher recommendation**

These are college-level courses designed to expand the knowledge of French, Spanish, and German language and literature. Students will read selections from famous authors, poets, and playwrights as well as periodicals and other media in the target language. The literature read and discussed will enhance students' cultural and historical insight. Students will continue to reinforce and expand previously introduced language structures, vocabulary, history, and culture. More time will be devoted to self-expression in writing and oral communication. Students will focus on fluency, accurate pronunciation and intonation in the target language and will prepare to take the AP exam.

**AP SPANISH LANGUAGE & CULTURE 78502**

**Prerequisite: Grade of B or better in Spanish III H or instructor's approval.**

This one-year course is designed with an emphasis on meeting the requirements of the College Board Advanced Placement AP Spanish Language examination. This college-level curriculum prepares students to use the three modes of communication (interpersonal, interpretive, and presentational) in the Intermediate to Pre-Advanced range as described in the American Council on the Teaching of Foreign Languages (ACTFL) Performance Guidelines for K-12 Learners. This course engages students in an exploration of culture in both contemporary and historical contexts. 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. This course fulfills either one of the elective credits or the Arts/Humanities credit required for high school graduation. **Students are expected to take the Advanced Placement exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.** See your school counselor if you have a financial hardship.

NOTE: Students without the prerequisites for placement in either IB Language will have the option of taking the introductory courses as part of their IB programme as ab initio students. This option may be arranged with the approval of the IB Counselor and Coordinator.

**IB SPANISH III AND IV, OR FRENCH III AND IV**

**78553 | 78573 (Spanish)**

**77583 | 77623 (French)**

**Prerequisite: Junior and/or Senior Standing and approval of IB Coordinator and Counselor.**

This is a two-year Higher-Level (HL) or Standard-Level (SL) sequence for International Baccalaureate Diploma students. The IB foreign language sequence is an additional language-learning course designed for students with some previous learning of that language. Spanish or French III is taught in the junior year, Spanish or French IV is taught in the senior year. Either sequence meets the Clark County School District and State of Nevada elective requirements for foreign languages. The focus of the course is on language acquisition and development of language skills. These language skills are developed through the study and use of a range of written and spoken material. Such material(s) extend from everyday oral exchanges to literary texts, and are related to the culture(s) concerned. The materials are chosen to enable students to develop mastery of language skills and intercultural understanding. **Students are expected to take the International Baccalaureate exam at the end of this course. Students that do not take the exam will be given credit for an Honors level course on their transcript and the equivalent .025 Honors GPA bonus.**

# NOTES