

# **La Cueva High School**

## *Course Offerings*

### *2025-2026*



**Albuquerque Public Schools**

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## FROM THE SUPERINTENDENT

Dear APS Students,

You're in high school, which means the real world is around the corner.

Before you know it, you'll be headed off to college, the military, a job, or some other amazing pursuit. Whether you're a ninth grader or senior, now is the perfect time for you to begin figuring out where your interests lie, to think about the next chapter in your life, and to set yourself up for success.

There's no shortage of opportunities for you at APS. Whether your dream is to go to an Ivy League college, to become an auto mechanic or engineer, to pursue a career in health care, to enlist in the military, or to go straight into the workforce, we have options for you.

Best of all, the governor, state lawmakers and APS have taken steps to make high school graduation requirements more flexible so you have the ability to choose the path that's right for you and your future. It's part of a concerted effort to ensure that when you graduate from high school, you're ready for college or the career of your choice.

It's up to you to pick your adventure and to begin seizing opportunities available to you. This course catalog is a great place to start. It's been a few years since I attended Highland High School, but I still remember the excitement of selecting my classes for the upcoming school year!

The course catalog gives you a snapshot of available classes and outlines graduation requirements. If college is your chosen path, familiarize yourself with the classes admissions officers will want to see when they're reviewing your application and take a look at your options for earning college credits while in high school. If you prefer a career in the trades, explore the extraordinary programs we have available to give you a leg up in those fields. If your calling is the military, take a look at our JROTC and leadership programs.

So start exploring your many options. They include music, theater, art, languages, and career technical education courses. There are also dual credit, International Baccalaureate, honors, Advanced Placement courses, and many other classes through the Career Enrichment Center. Plus, you can earn credit in two or more related courses to help you prepare for college and career opportunities.

Yes, it can be intimidating, but you're not alone. Our wonderful counselors can help you make sense of your many options. Your teachers and families are also great resources.

You've got this!

Sincerely,

Gabriella Durán Blakey, Superintendent

Dear Current and Future La Cueva High School Students and Families,

Welcome to La Cueva High School, home of the Bears! I am thrilled to introduce you to the wide array of academic courses available at our school through the 2025-2026 course catalog. La Cueva is a place where students are encouraged to explore their interests, challenge themselves academically, and prepare for the future—whether in college, career, or beyond.

Our course offerings are designed to inspire curiosity, foster critical thinking, and provide hands-on learning experiences. From rigorous Advanced Placement and dual-credit courses to innovative electives in STEM, the arts, music, athletics, and humanities, we strive to provide a well-rounded education tailored to each student's aspirations. This year, we are especially excited to highlight career-connected learning pathways, which allow students to gain real-world experiences.

This year is an exciting time for education in New Mexico. In alignment with changing state law in graduation requirements, we are expanding student choice like never before. This means increased flexibility for students to personalize their learning journey, ensuring they can take courses that align with their goals, passions, and future career paths. Whether you're diving into an advanced math course, exploring a new language, or participating in hands-on career training, you have more opportunities than ever to craft an education that truly works for you. For our incoming freshmen students, you will even have additional choice in what physical education course you take, as one sign of the transition to changing graduation requirements.

I invite each of you to explore this catalog carefully, talk with teachers and counselors, discuss with your guardian(s) and choose courses that will challenge and inspire you. Your high school experience is what you make of it, and at La Cueva, we are committed to providing you with many opportunities to succeed. At La Cueva, we live by our motto "Where excellence is a habit."

Here's to an exciting year ahead. Go Bears!

Darrell Garcia  
Principal

La Cueva High School

**La Cueva High School**  
**7801 Wilshire Ave NE**  
**Albuquerque, NM 87122**

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**Mission Statement**

La Cueva High School is a dynamic and diverse learning community collaborating to meet the needs of all learners. LCHS creates a safe and positive learning environment with high expectations for all stakeholders.

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## **GENERAL INFORMATION**

### **SCHOOL INFORMATION**

La Cueva High School is one of thirteen comprehensive high schools and 8 Schools of Choice in the Albuquerque Public School district with approximately 1,800 students in grades nine through twelve.

### **ENROLLMENT REQUIREMENTS**

You must live in our attendance area to enroll in classes. Students who apply for and receive an approved enrollment form (transfer) to attend our school need to contact the school and bring a transfer approval to be able to enroll in classes. Contact the Student Services Open Enrollment Office at 855-9040 to get more information and apply for a transfer.

- Underclassmen (9th, 10th, and 11th graders) are required to enroll in seven classes per semester.
- Seniors (12th graders) must enroll in a minimum of four (4) classes per semester and are encouraged to enroll in seven (7).
- Students must be enrolled in four classes, per New Mexico Activities Association regulations, to participate in athletics or activities.
- All students, full time or part time, are required to take all standardized tests. More information regarding testing requirements can be found on pages 15.

### **TRANSFER STUDENTS**

Students entering from school situations other than APS must provide official documentation (an official transcript) of grades and credit earned. When a student transfers from one APS high school to another within ten (10) school days of the end of the semester, the sending school shall be responsible for that semester's grades. It is the responsibility of the student to make the necessary arrangements to complete all work. The transcript of the sending school should reflect the semester grades in all subjects. The sending school should make every effort to discourage transfers in the last 10 days of a semester. Students from a non-accredited school will receive credit on a pass/fail basis per APS procedural directives. Students who have been home-schooled and non-accredited schools must provide a portfolio demonstrating work accomplished, a summary of courses taken and credits earned, and supporting information (standardized test scores, textbooks, curriculum, etc.). Our staff will review the portfolio to determine appropriate credit in accordance with curriculum standards from the New Mexico Public Education Department.

### **COURSE SELECTION/PRE-REGISTRATION PROCESS**

We offer a comprehensive curriculum enriched by special offerings. Enthusiasm, positive attitude, classroom skills, professional activities, and academic preparation characterize staff members. The school's curriculum meets both college and career preparatory needs.

Class schedules are built based on the courses selected by our students. Therefore, once completed, student course selections will be considered final unless the selections fail to prepare the student for minimum graduation requirements. Course availability for non-required, elective courses is determined by sufficient student selection and staff availability. Insufficient pre-registration numbers or staffing constraints could cause a course to become unavailable after the initial scheduling selection process.

Students should choose course selections carefully. Once schedules are built, they cannot be changed except to meet a graduation requirement. Students are encouraged to seek assistance and advice from their parents or guardians, teachers, and counselors.

All students will submit their course requests through the spring pre-registration process. The students' actual schedules will be determined by pre-requisite requirements, sufficient student interest through course requests,



and availability of highly qualified staff to teach the requested courses. Finalized student schedules for the 2025-2026 school year will be available in August at a “back-to-school” registration event. Information on August registration will be provided through a summer mailer or on the school’s website.

### SCHEDULE CORRECTIONS

All students are expected to continue and complete the courses they select. Adequate schedule planning for students, teachers, and classroom space can be completed only when school officials can consider students’ schedule requests to be final and binding. There will be times when a correction is necessary. The special circumstances that can precipitate a schedule correction review are: completion of summer school coursework, failed courses from previous semesters, changing to a course with a higher degree of difficulty in the same subject area, or fulfillment of a graduation requirement.

**Student course selections will be considered final unless the selections fail to prepare the student for minimum graduation requirements.** Review for schedule correction should be requested through your school counselor. All corrections must be made within the first ten days of the semester. A class dropped after that time results in a “W/F” (withdrawal with the grade of “F”) for the course. Some schedule changes are generated due to over or under projection of student enrollment by the district.

### SCHOOL SCHEDULE

Our school has a seven (7) period schedule that provides additional instructional time for academic standards and requirements and offers varied electives that support career pathways and academic rigor. Two semesters divide the school year of 182 instructional days.

Monday	Tuesday	Wednesday	Thursday	Friday
<b>Zero Hour</b> 7:40-8:30	<b>Zero Hour</b> 7:40-8:30	<b>Zero Hour</b> 7:40-8:30	<b>Zero Hour</b> 7:40-8:30	<b>Zero Hour</b> 7:40-8:30
<b>1</b> 8:40-9:22	<b>1</b> 8:40-9:30	<b>1</b> 8:40-9:30	<b>1</b> 8:40-9:30	<b>1</b> 8:40-9:30
<b>2</b> 9:29-10:11	<b>2</b> <b>Announcements</b> 9:37-9:40 <b>Class</b> 9:40-11:20	<b>3</b> <b>Announcements</b> 9:37-9:40 <b>Class</b> 9:40-11:20	<b>2</b> <b>Announcements</b> 9:37-9:40 <b>Class</b> 9:40-11:20	<b>3</b> <b>Announcements</b> 9:37-9:40 <b>Class</b> 9:40-11:20
<b>3</b> 10:18-10:25 Announcements 10:25-11:07				
<b>Advisory</b> 11:07-11:34	<b>4</b> 11:27-1:07	<b>5</b> 11:27-1:07	<b>4</b> 11:27-1:07	<b>5</b> 11:27-1:07
<b>4</b> 11:41-12:23				
<b>5</b> 12:30-1:12				
<b>Lunch</b> (Monday 1:18 – 1:48; Tues-Fri 1:10-1:40) 30 min.				
<b>6</b> 1:54-2:36	<b>6</b> 1:45-3:25	<b>7</b> 1:45-3:25	<b>6</b> 1:45-3:25	<b>7</b> 1:45-3:25
<b>7</b> 2:43-3:25				

**\*School Bell Schedule subject to change.**

## GRADING POLICIES

Report cards with progress grades are issued every nine (9) weeks. A semester consists of two (2) 9-week grading periods. Semester grades are posted on a student's permanent record (transcript). The grading scale is:

### PERCENTAGE LETTER GRADE

90% - 100%	A
80% - 89%	B
70% - 79%	C
60% - 69%	D
0% - 59%	F

Credit is granted for successful completion of each class at the end of the semester. Progress reports are issued every 9 weeks prior to the end of the semester and reflect the cumulative grades for each class. Credits are granted with passing grades: A, B, C, or D. Credit is not granted for grades of "F", "I" (Incomplete) or "W/F" (withdrawal with the grade of F). Course work must be completed by the end of the semester following the semester in which the "I" (Incomplete) is posted. If a grade is not assigned for the Incomplete within the next semester, a grade of F will be assigned. If a course is repeated, the higher grade will be recorded and computed in the student's grade point average (GPA); however, the F remains on the transcript. Duplicate credit will not be granted for a course that is repeated.

Dual credit (courses taken at Central New Mexico Community College/University of New Mexico grades are included on the transcript and calculated in the GPA. It is a state requirement that dual credit grades be posted on the high school transcript.

## WITHDRAWAL FROM COURSES

Students taking courses will have a "no fault" withdrawal when:

- This process has started within the first 10 (ten) school days.
- A student/parent/teacher/counselor conference is held within the 2<sup>nd</sup> to 3<sup>rd</sup> week of the school year. The goal of the conference is to develop a *Support Plan for Student Success* in the course.
- A minimum of two weeks is allowed for implementation of the support plan.
- A student/parent/teacher/counselor conference is held at the end of the support plan for student success timeframe. The goal of the conference is to determine if the plan has been successful and what further actions need to be taken. In addition, schedule change implications are discussed (changes in instructors, changes in class periods, appropriate course level changes, options for a substitute class, open periods and class load limits).

**If the student is not successful after implementation of a support plan, the student *or* teacher may make a request to the curriculum assistant, no later than the end of the first nine weeks, for withdrawal (without penalty) from the course.**

- The transfer process occurs no later than the first seven (7) weeks of the semester, but no sooner than the 4<sup>th</sup> week of the semester.
- The student will be transferred to the level of the course that is appropriate for his/her academic skill level\* or courses that fulfill a graduation requirement (e.g.; Algebra I will replace Honors Algebra I, English 9 will replace Honors English 9, Chemistry I will replace AP Chemistry).
- When examining transfer options, class load maximums cannot be violated.
- The grade that the student earned in the course at the time of withdrawal will transfer to the new course. The transfer grade will not be weighted if the grade was from an AP or honors course.

**Students who withdraw from a course after the first 10 days of each semester, and do not enroll in a comparable\* course (same content) will receive a WF (Withdraw Fail) on their transcript.** Authority is granted to the principal to make an exception when, in the principal's judgment, it is warranted.

\*When a course does not exist in the same content area (e.g. There is not an Environmental Science course to replace an AP Environmental course or the student requests withdrawal from AP Chemistry and has already taken Chemistry I), the student will either remain in the class with a revised support plan or be withdrawn from the class with a "W".

## **TRANSCRIPTS**

APS uses Parchment to send official and unofficial copies of transcripts. For information about processing transcripts, go to: <https://www.aps.edu/students-parents/transcripts> or go directly to <https://www.parchment.com/> to create a profile.

Official transcripts will be sent electronically, securely and confidentially to the colleges, universities or organizations you designate. Students can track the status of their request online and immediately see if it is "Pending," "Sent" or "Delivered." Official transcripts are primarily for college applications and the military. Currently enrolled students can print unofficial transcripts from Parchment for personal use. Unofficial transcripts can be used for job applications and as useful information in educational planning.

## **TEXTBOOKS**

All general textbooks are issued through the Book Room. A current student identification card (ID) is required for check-out of textbooks. Dual Credit textbook processes may change from semester to semester. Current process can be found on the Dual Credit Instructional Materials website:

<https://www.aps.edu/libraries/textbooks/dual-credit-textbooks-for-high-school-students>.

Textbooks, including textbooks used for dual credit coursework, are the property of the State of New Mexico and are loaned to students with the expectation that they will be used appropriately, treated with care, and returned in good condition. Charges will be assessed for lost or damaged books. All general textbooks must be returned to the Book Room by the end of the last day of school, unless prior arrangements have been made with the Administration. Students who do not return textbooks will be charged the replacement cost of the book. Students will be informed of the materials they have checked out and of any fines, fees, or other charges they have incurred. Students will be expected to pay their fines and fees prior to the registration process.

## **SCHOOL COUNSELING SERVICES**

A comprehensive school counseling program is an integral component of the school's overall mission. Comprehensive school counseling programs, driven by student data and based on standards in academic, college/career and social/emotional development, promote and enhance the learning process for all students. The American School Counseling Association (ASCA) National Model:

- ensures equitable access to a rigorous education for all students
- identifies the knowledge and skills all students will acquire as a result of the K-12 comprehensive school counseling program
- is delivered to all students in a systematic fashion
- is based on data-driven decision making
- is provided by a masters level, state-licensed school counselor

Effective school counseling programs are a collaborative effort between the school counselor, parents and other educators to create an environment that promotes student achievement. Staff and school counselors value and

respond to the diversity and individual differences in our societies and communities. Comprehensive school counseling programs ensure equitable access to opportunities and rigorous curriculum for all students to participate fully in the educational process.

### ***Delivery of School Counseling Services***

Professional School Counselors, College and Career Readiness Counselors, and Crossroads Counselors deliver services in the following ways:

#### ***Direct Student Services.***

Direct services are in-person interactions between school counselors and students to facilitate academic success, college and career readiness, and personal/social development and can include the following:

- Classroom guidance lessons: Structured lessons designed to help students attain the desired competencies for the subject being taught, and to provide all students with the knowledge, attitudes, and skills appropriate for their developmental levels.
- Individual student planning: Counselors coordinate ongoing systemic activities designed to assist students in establishing personal goals and developing future plans.
- Responsive services: Responsive services are short-term, solution-focused individual counseling interventions to help students with problems they are having, resolve immediate conflicts, respond to crisis events, and intervene in school-specific situations that disrupt learning.

#### ***Indirect Student Services.***

Professional School Counselors work in partnership with administrators, teachers, and school/community mental health professionals to provide services to help support student academic, career and personal/social development.

### ***How to Schedule an Appointment***

Our goal is to assist students and families in a timely fashion. A parent who wishes to meet with a Professional School Counselor, College and Career Readiness Counselor or a Crossroads Counselor may schedule an appointment by calling or emailing the counselor. Students can make appointments by visiting the offices of the Counseling Department at their school site. For more information on how to see your counselor, visit the counseling page on your student's high school website.

### **LIBRARY MEDIA CENTER SERVICES**

The Library Media Center provides students with areas for research, study, and reading. The Library Media Center is open from 8:40am-3:25pm. If the library is not going to be open during our regular hours, there will be a notice posted on the library doors and an announcement will be made during the daily announcements prior to the closing. A student identification card (ID) is required to check out any library materials. Fines are charged for items that have been damaged or lost.

The Library Media Center has a growing collection of books in all subject areas for students. The reference collection, both online and in paper, is continually updated to provide students with authoritative research. All library materials are selected to support the school curriculum. The selection of material is based on individual needs, varied interests, and the maturity levels of students.

Computers may be available in the Library Media Center for student use, or students may use their Chromebooks. Student use of computers must comply with the Computer Use Contract signed at the beginning of the year and the APS Student Technology Acceptable Use Policy.

## GRADUATION INFORMATION

### **Course Credits Required Entering Freshmen 2025, Class of 2029**

Required courses and credits are based on the year a student entered high school as a 9th grader for the first time. Ninth grade starting year determines the student's Graduation Standard Year (GSY). Students entering high school as freshmen in 2025 and later must have 25 units to include:

Subject	Credits
English	4.0
Math (Algebra I, Geometry)	4.0
Science (Biology, Chemistry, Physics)	3.0
Social Studies (World History, United States History, United States Government, Economics, Personal Financial Literacy)	4.0
Health	0.5
Physical Education (Choice of Foundations of Physical Education or equivalent first-level course)	1.0
Electives*	8.5
Total	25.0

\* Students must successfully complete:

- 2-One unit credits of a *Pathway Concentration* of the student's choice of:
  - Language other than English, including American Sign language (Most colleges and universities require 2-3 credits/years of the same modern, classical, or native language.)
  - Fine Arts
  - Health
  - Military Career Preparation
  - Career Technical Education program
  - Community or Service Learning, a Capstone course or Work-based learning

### **Course Credits Required for Classes up through 2028 graduates (entered high school in 2009-2024)**

Required courses and credits are based on the year a student entered high school as a 9th grader for the first time. Ninth grade starting year determines the student's Graduation Standard Year (GSY). Students entering high school as freshmen in 2009-2024 must have 25 units to include:

Subject	Credits
English	4.0
Math, One unit must be Algebra II or higher	4.0
Science (Biology, Chemistry, Physics)	3.0
New Mexico History	0.5
World History and Geography	1.0
United States History & Geography	1.0
Government	0.5
Economics	0.5
Health	0.5
Physical Education	1.0
Electives*	9.0
Total	25.0

\* Students must successfully complete:

- One credit of an Advanced Placement **or** honors **or** dual credit **or** distance learning course
- One unit of a career cluster course **or** workplace readiness course, **or** a language other than English. (Most colleges and universities require 4-6 credits of the same modern, classical, or native language.)

### ***DUAL CREDIT (Courses taken at CNM, UNM, or IAIA)***

Dual Credit is one of the options for meeting a state graduation requirement. Dual credit provides students with the opportunity to experience a college course and earn both college and high school credit.

The Dual Credit Program at Central New Mexico Community College (CNM) allows high school sophomores, juniors, and seniors the opportunity to earn college credit and, at the same time, high school credit. The University of New Mexico (UNM), and the Institute of American Indian Arts (IAIA) offer the same dual enrollment advantages to qualified juniors and seniors. ***Students must be officially enrolled in APS at least half-time to qualify for dual credit enrollment.*** APS pays for most required textbooks (which MUST be returned to the high school bookroom upon completion of the course).

**NOT ALL CNM, UNM, and IAIA COURSES QUALIFY AS DUAL CREDIT COURSES. Check with your Professional School Counselor or College and Career Readiness Counselor. Remedial and non-APS approved courses are not tuition-free, textbooks are not provided for these classes, and they do not count for dual credit.**

For more information about Dual Credit:

- **Talk to your Professional School Counselor or College and Career Readiness Counselor**
- Call CNM's School Relations Department at (505) 224-4238 or visit the [CNM Dual Credit Website](#) Steps to Becoming a Dual Credit Student
- Call UNM's Admission Office at (505) 277-3430 or visit the [UNM Dual Credit Website](#)
- Call IAIA's Academic Outreach Office at (505) 424-2341 or visit the [IAIA Dual Credit website](#)

### ***DISTANCE LEARNING***

Online course instruction is delivered in both face-to-face and online settings. Students are required to complete assignments and take exams as described in the course syllabus. Computer labs are available on site for students who do not have access to technology at home. Space is limited in all classes, with priority given to seniors who are lacking the distance learning graduation requirement. Students wishing to enroll in one or more classes must meet with their counselor to obtain a permission form prior to the registration period. Registration is the same process for online courses as face-to-face courses at each school.

Online courses are also available through eCADEMY, an APS School of Choice. eCADEMY registration is held in August and January.

See your Professional School Counselor or College and Career Readiness Counselor for more information and before registering for any courses. It is important to remember that some distance learning courses may not meet NCAA requirements. If you are a high school athlete, check with your school counselor for more information.

### ***HONORS AND ADVANCED PLACEMENT PROGRAMS***

The Honors and Advanced Placement Program is the most academically challenging curriculum that our district offers. These courses are available to all students. Honors courses in the freshman and sophomore years prepare students for Advanced Placement (AP) classes, most of which are offered at the junior and senior levels. AP courses are based on guidelines from the College Board and have been approved by the College Board. These courses expose students to college-level curriculum, emphasize critical thinking skills, and provide preparation for the Advanced Placement examination. Students who earn a qualifying AP score on the Advanced Placement examination may earn college credit (credit varies among colleges). Advanced Placement examinations are administered in May of each year.

Taking the Advanced Placement examination is highly recommended. Most AP courses require an average of 1-2 hours of homework every night. Students should carefully consider their overall academic load when making course selections.

The schedule of classes is based on student requests. Advanced Placement courses will be offered based on sufficient enrollment. All Honors and Advanced Placement courses will be awarded a weighted grade. An extra .025 will be added to the cumulative GPA for each semester of an Honors or Advanced Placement class successfully completed. There is no limit to the number of Advanced Placement courses a student may take.

### ***CAREER CLUSTER AND WORKPLACE READINESS COURSES***

A career cluster course, a workplace readiness course, or a modern, classical, or native language course meets one of the high school graduation requirements.

A career cluster course is an identified career-technical education course. These courses are part of an aligned, sequential series of classes within a related grouping of occupations in a given sector. Completing a series of career cluster courses may result in an industry-recognized certification or a post secondary degree and add relevance to the high school curriculum.

A workplace readiness course is designed specifically to address entry-level career skill requirements, standards, and benchmarks as identified under Career-Technical Education in the “Standards of Excellence”.

### ***THE NEXT STEP PLAN (LEVEL ALL)***

Completion and annual revision of a Next Step Plan (NSP) is a New Mexico Public Education Department graduation requirement. The purpose of the Next Step Plan is to involve pertinent people in each student’s life (the student, the student’s parent(s) or guardian(s), school counselor, school advisor, and others as appropriate) who work collaboratively with the student in developing goals and plans that prepare the student for a prospective career and personal future. The NSP is a living, working document, reviewed and updated annually, culminating during the 12<sup>th</sup>-grade year in a transition plan for a post-secondary or career related future.

### ***SPECIAL EDUCATION PATHWAYS FOR GRADUATION***

There are three pathways by which Special Education students may earn a diploma: the Standard, Modified, and Ability pathways. The pathway selected for each student is based on his or her Individual Education Plan (IEP) and decided upon by the IEP team.

- **Standard Pathway** – Students must meet the standard graduation requirements and pass the graduation assessments.
- **Modified Pathway** –
  - Earn at least the district’s required number of credits (the IEP team determines the standard and alternate courses that will make up the student’s program of study and ensure the student meets requirements identified in the Standard for Excellence;
  - Achieve competency in all areas of the Employability and Career Development Standards with Benchmarks and Performance Standards; and take the current graduation exit exam and achieve a level of proficiency determined by the student’s IEP team. The IEP team should document the classes, courses, and/or experiences which will be used to assure that the student achieves standards as identified in the Employability and Career Development Standards with Benchmarks and Performance Standards in the Program of Study section of the student’s IEP.
- **Ability Pathway** –
  - The majority of goals and objectives relate to functional life skills and community skills.
  - A student has been consistently working toward identified goals, objective, and benchmarks, developed by the IEP team; and

- Achieved a level of success that the IEP team agrees is commensurate with the student's abilities.
- Complete requirements of the ability graduation option, a student must complete the requirements through community-based instruction, transportation, work experience, community participation, recreation and leisure, accessing adult services, and independent living skills.
- The student must take either the current state graduation examination or the state-approved alternate assessment, achieving a level of proficiency to be determined by the student's IEP team, and meet all other graduation requirements established by the IEP team.

### **GRADE LEVEL CLASSIFICATION**

Students must earn a set number of credits before they are classified at the next grade level. The following table illustrates the number of credits required for classification at each grade level.

2016 Graduates and later (entered high school in 2010 or thereafter)

<b>To Be Classified</b>	<b>Credits Needed</b>
9th Grade	<6
10th Grade	6
11th Grade	13
12th Grade	19
Graduate	25

Every semester, the district reclassifies or promotes students who have not earned/earned enough credits to move to the next grade.

### **WAIVERS OF PE GRADUATION REQUIREMENT FOR MARCHING BAND AND J.R.O.T.C.**

This waiver applies only to students enrolling as freshmen in 2017-2018 until 2024. Students completing two years of JROTC or two consecutive fall semesters of Marching Band may apply for a waiver for PE. All eighth grade students who wish to fulfill the Physical Education graduation requirement through Band or ROTC will need to obtain and sign the "PE Graduation Requirement Waiver for Marching Band, Color Guard and JROTC" form no later than the first week of May during their eighth-grade year. If a student chooses to participate in PE at the time of pre-registration and later decides to waive the PE credit, the student and parent will need to schedule an appointment with their counselor within the first ten days of the school year to fill out the form and obtain a schedule change. Students will be scheduled into elective classes based on availability. If a student decides to withdraw from the Band or JROTC program before the completion of two years, they will need to arrange to take PE prior to graduation.

\*For students enrolling as freshmen in the 2025-26 school year, one year of JROTC program, or two consecutive semesters of Marching Band may count towards 1.0 credit for PE Graduation requirement.

### **EARLY GRADUATES**

Students who wish to graduate before their graduating class should be aware of the following requirements:

1. Students must declare their plans to their school counselor during the period of time between the beginning of their sophomore year and before the start of the second semester of their junior year.
2. Students must enroll in senior classes (English 12, a fourth math course, government and economics) during their graduating (3rd) year. Failure to do so will jeopardize their plans for early graduation.
3. Early graduates must take all high school assessments, as required by the Public Education Department, to earn a diploma. Early graduates will be classified as juniors until the diploma is granted.
4. Students completing graduation requirements at mid-year may participate in the spring commencement and receive their diplomas at that time. Diplomas are not issued mid-year.



**CLASS RANKING**

After grade point averages (GPAs) are calculated for all students, the students in each graduating class are ranked in order and assigned their class rank. The student with the highest GPA in a class is ranked number one in the class, the student with the next highest GPA is ranked number two, and so on. Students with the same GPA receive the same rank. The preliminary ranking for seniors is usually available shortly after October 1st. The official ranking occurs after the 8th semester. If you are applying for early college admission, simply indicate that official ranking will be available at a later date.

**DIPLOMAS**

Your legal name should appear on your school records and your diploma. If your name is incorrect or misspelled, please notify the registrar. A graduation list will be available in mid-spring before diplomas are ordered. Students are responsible for verifying that their names are on the list and spelled the way they want them to be printed on the diploma.

**TESTING INFORMATION**

To graduate from a New Mexico public high school, students must meet both coursework and assessment requirements. Currently, New Mexico Administrative Code (NMAC) establishes the standards-based assessments in mathematics, language arts, and science as the primary demonstration of competency for graduation. For the most complete and up-to-date information on Assessment and Graduation requirements, please visit the APS Assessment website at: <http://www.aps.edu/assessment>.

***ACCESS Assessment***

If your child is an identified English Learner, they will take the ACCESS test once a year, which is composed of 4 different sections. Speaking, Listening, Reading and Writing. This assessment is required by the federal government and is used to determine your child's progress in English.

***Other Assessments***

All students are expected to participate in Final Exams for each course. The final examination may count for no more than 20% of the final semester grade. Other assessments of scholastic aptitude and vocational interests are available through the counseling office.

***Special Education IEP/504***

Students with an IEP or who have a 504 Accommodations Plan have many testing accommodations available to them. Graduation requirements, including passing scores on the exit exams, may vary for students with an Individualized Education Plan. Contact your school's Special Education department chair for more information. Parents and teachers should discuss what is best for each student.

## COLLEGE INFORMATION



Division I	Division II
<b>4</b> years of English <b>3</b> years of Math (Algebra 1 or higher) <b>2</b> years of Science (1 year of lab if offered) <b>1</b> year of additional English, Math or Science <b>2</b> years of Social Science <b>4</b> years of Additional courses (any area above, foreign language or comparative religion/philosophy) Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school. Seven of the 10 core courses must be in English, math, or natural/physical science. Earn a core-course GPA of at least <b>2.300</b>	<b>3</b> years of English <b>2</b> years of Math (Algebra 1 or higher) <b>2</b> years of Science (1 year of lab if offered) <b>3</b> years of additional English, Math or Science <b>2</b> years of Social Science <b>4</b> years of Additional courses (any area above, foreign language or comparative religion/philosophy) Earn a core-course GPA of at least <b>2.200</b>

### Division III

In Division III, athletes must meet the admissions standards set by the school as opposed to divisional standards as in Divisions I and II. First-year enrollees who initially enroll full-time at an NCAA Division III school must have their amateur status certified by the NCAA Eligibility Center.

**Credit Recovery:** Credit recovery must be completed in an approved format. DISTANCE EDUCATION coursework from this school/program, designated as "de" on students' transcripts, meets NCAA nontraditional core-course legislation.

### COLLEGE PREPARATORY PROGRAMS

Admission requirements vary widely among colleges and universities; consequently, students and their parents are urged to research entrance requirements for specific institutions. For example, some universities require a fine arts credit for admission; some colleges and universities calculate grade point average (GPA) for core courses only. School counselors are helpful in providing college information. Students and parents are encouraged to visit the counseling link on the school website for more information.

Courses.....	Credits
<i>English:</i> English or Honors/Advanced Placement.....	4
<i>Mathematics:</i> Algebra I or Honors Algebra I, Geometry or Honors Geometry, Algebra II or Honors Algebra II, a fourth credit of math.....	4
<i>Social Studies:</i> US History and Geography or Advanced Placement US History, World History and Geography or Advanced Placement World History, Economics or Advanced Placement Microeconomics or Macroeconomics, Government or Advanced Placement US Government and Politics, New Mexico History.....	3.5
<i>Science:</i> Biology, Chemistry, Physics, Advanced Placement Biology, Advanced Placement Chemistry, Advanced Placement Physics.....	minimum 3/preferred 4
<i>Modern, Classical or Native Language:</i> Most colleges require multiple years of the same language.....	minimum 2/ preferred 4

Advanced Placement (AP) courses are recommended for college preparedness. See the Advanced Placement

course offerings in this catalog for options.

### **COLLEGE PREPARATION AND ADVANCEMENT OPPORTUNITIES**

Students should obtain information from their prospective college to determine whether the school participates in and awards credit through the Advanced Placement (AP) and/or the College Level Examination Program (CLEP) examinations. Professional School Counselors and College and Career Readiness Counselors have more information on both programs. Please note, the CLEP option is for colleges and universities, not high schools.

Many colleges and universities participate in the College Board Advanced Placement Program. The program grants advanced standing in courses and credit for college courses through AP examinations administered at our school in May of each year. Students may receive advanced placement or credit from a participating college or university based on their examination performance.

### **NEW MEXICO FIRST SEMESTER\* AND LOTTERY SCHOLARSHIPS**

*\*Based on 9/2014 information from post-secondary institutions; Post-secondary schools have different titles for this first semester scholarship (e.g., Bridge Scholarship, NM Lottery Success Scholarship and NM Legislative Lottery Scholarship).*

IMPORTANT NOTE: New Mexico post-secondary institutions have different criteria for accessing this scholarship money (different admission deadlines for receiving these awards, semesters in which these awards can be used, exams that must be taken prior to receiving the awards, financial aid applications that must be completed prior to receiving the awards, etc.). Students should check with the post-secondary institution to which they are applying for scholarship criteria. More information can be found at:

<https://www.reachhighernm.com/recent-high-school-graduate/>

Students have an opportunity to earn a first semester scholarship to New Mexico public post-secondary institutions of higher education. Priority consideration for the scholarship is given based on application completion deadlines that vary by institution.

To earn this scholarship, students must (at minimum):

- be a New Mexico resident,
- be a New Mexico high school graduate,
- have a high school GPA as determined by the post-secondary institution,
- complete admission requirements and be admitted to a New Mexico public post-secondary institution of higher education and
- enroll in a degree granting program with at least 12 credit hours for CNM or a NM
- enroll in a two-year college OR 15 credit hours for UNM or other NM four-year institutions.

The New Mexico State Lottery Scholarship is a tuition scholarship for New Mexico high school graduates attending a New Mexico public post-secondary institution of higher education. The scholarship covers tuition and may or may not include fees. It is available for up to seven consecutive semesters or until the student graduates, whichever comes first. Only four semesters may be used at a two-year institution. In order to qualify for the Lottery Scholarship. Eligibility

- Student must have completed high school at a public or accredited private New Mexico high school, graduated from a public or accredited private New Mexico high school or received a high school equivalency credential while maintaining residency in New Mexico.
- Student must enroll at a public post-secondary educational institution in New Mexico within sixteen months of graduation or receipt of a high equivalency credential.
- Student must enroll in and earn 15 credit hours per semester at a four-year New Mexico public university.
- Student must enroll in and earn 12 credit hours per semester at a two- year New Mexico public community college.

- Student must maintain a 2.5 or greater cumulative grade point average (GPA) each semester of enrollment.
- Student with disabilities may qualify for reduced credit hour requirements and additional semesters of the scholarship.

### **NATIONAL COLLEGIATE ATHLETIC ASSOCIATION – NCAA**

National Collegiate Athletic Association (NCAA) requirements apply to students who plan to participate in athletics at the college level. The NCAA was established in 1906 and serves as the athletics governing body for more than 1,300 colleges, universities, conferences and organizations. The national office is in Indianapolis, but the member colleges and universities develop the rules and guidelines for athletics eligibility and athletics competition for each of the three NCAA divisions: Division I, Division II, and Division III. One of the differences among the three divisions is that colleges and universities in Division I and II may offer athletic scholarships, while Division III colleges and universities may not. NCAA guidelines specify which courses qualify as NCAA core courses and what college entrance scores and grade-point averages are required to participate in college athletics. **Not all Math, online, virtual, software-based credit recovery, independent study and correspondence courses meet NCAA guidelines in order to qualify as NCAA core credit. Students are responsible for adherence to NCAA course guidelines.** Athletes should consult with the Athletic Director and/or school counselor for assistance. For more information, visit the NCAA Eligibility Center website at <https://web3.ncaa.org/ecwr3/>

## **ADDITIONAL EDUCATIONAL AND ACTIVITY OPPORTUNITIES**

### **CAREER PATHWAYS**

Each high school has several programs of study to follow within 3 to 4 career pathways. These programs of study course sequences can include industry and career readiness certification, dual credit and advanced placement courses in addition to work-based learning opportunities. The programs of study offered within APS are aligned to the NM economic priority industries that predict where the high growth, high wage jobs will be in the future.

#### *Introduction and Definitions*

NM has 16 identified career clusters that are group careers based on similar skills and attributes. This of a career cluster as a large umbrella for more specific career pathways. Career pathways are found within a career cluster and further group career opportunities by similar skills and attributes Career Pathways are then broken down to more specific programs of study that might focus on a few careers through an intentional sequence of courses that prepare students for success in post-secondary learning through in-depth career-connected experiences that complement core academic classes. These course sequences can include dual credit, advanced placement, certifications and work-based learning courses. .

### **WORK EXPERIENCES**

To prepare students for work after high school, our school offers work programs in the 11th and 12th grades. Work programs enable students to have work experience with a potential employer while earning high school credit. Through work experiences as supported by the portfolio, the student explores personal and career interests, aptitudes and abilities. Personal management of time, health and finances are also addressed. The necessary components of a productive and successful career are examined: technical knowledge, responsible and ethical behavior, and goal setting. In addition to working the required hours, students are required to produce a portfolio to receive credit. Work experience programs are available through the Career and Technical Education Programs, Special Education Programs (inclusive of the Gifted Program) and as an option for students in the Regular Program.

### **PARTICIPATION IN EXTRACURRICULAR ACTIVITIES AND ATHLETICS**

Student participation in interscholastic activities plays a significant role in personal and educational development. It is used as a means of developing wholesome attitudes and well-rounded citizens, who are better prepared to face the challenges of adult life as a result of their interscholastic experiences. **Participation is a privilege, not a right.**

Students earn the privilege to participate by adhering to high standards of personal conduct and academic performance. Personal conduct and attitude of student participants must reflect high standards of respect, integrity, and responsibility.

Participation in extracurricular activities is governed by the New Mexico Activities Association (NMAA) which specifies that students meet and maintain the following requirements:

A student shall have a 2.0 grade point average with no F's, based on a 4.0 grading scale, or its equivalent, for the semester grading period immediately preceding participation. For students not eligible at the semester, the next six weeks grading period can be used to regain eligibility by they may also lose eligibility at the next six weeks if grades do not meet the 2.0 GPS with no F's.

### **SUMMER PROGRAMS**

Albuquerque Public Schools offers summer programs to meet the academic needs of students. Students are provided with academic intervention, remediation, and/or credit recovery..

The emphasis of the summer credit recovery program in high school is to keep students on target for their original graduation date. Tuition is charged. However, students who qualify for the Free and Reduced Lunch Program are eligible for tuition discounts. A Free and Reduced Lunch Program (FRLP) application must be completed during the school year. Please visit [Food and Nutrition Services — Albuquerque Public Schools](#) for more information.

Summer programs are held at several centrally located high school campuses in the city. They begin after the close of the regular school year. For face-to-face courses, there are two periods daily, each period consisting of a three-week period during which a .5 credit can be earned per course. Registration for summer school begins in April by district high school counselors and continues the first week of June at the Alice and Bruce King Educational Complex (APS City Center).

Visit the APS website, [www.aps.edu](http://www.aps.edu) (On the APS home page, in the red rectangle entitled "Students," click on "Summer Programs" and follow the links.), or contact the Summer Program staff for more information: (505) 855-9870.

### **APS MAGNET SCHOOLS**

APS provides multiple magnet schools and programs, small high schools that deliver programs of study, which by definition are in some way different from the traditional comprehensive high school. Specific questions about course offerings and programs available at each magnet school can be answered at the school site. Contact the school for additional information.

#### **Career Enrichment Center (CEC)**

**807 Mountain Rd. NE, Albuquerque, NM 87102 (505) 247-3658**

The Career Enrichment Center (CEC) offers APS-approved classes to students enrolled in APS traditional and charter high schools. Students take their core classes at their home high school and may take elective classes, including Dual Credit/AP and industry-certification coursework, at CEC. CEC is not a diploma-granting institution, however courses completed are posted directly on the student transcript.

**Program Features:** As an APS magnet program CEC provides students with many opportunities, from beginning to advanced-level work, for in-depth career focused learning. Students can choose unique courses from a wide range of career areas, many of which include hands-on experiences working in one of CEC's specialized laboratories. Students may select courses in Medicine, Media Arts, Computer Science, Science, Engineering, Business, Languages, and Trades. CEC also offers internship opportunities and is the only APS high school that offers Chinese, Japanese, German, Dual Credit French and Spanish, Zuni, and Navajo language classes. Our Cosmetology courses, nationally

accredited LPN Program, and dual credit EMT-B and Nursing Assistant classes offer direct pathways to certification, licensure and/or employment after graduation CEC offers over 50 CNM, IAIA and UNM dual-credit courses, all of which are integrated into CEC course offerings. Please contact CEC for a list of these classes or view current catalog course options at [cec.aps.edu](http://cec.aps.edu).

**Student Profile:** CEC's programs attract a wide variety of students from all geographic areas and socioeconomic groups throughout Albuquerque. Students with exceptional potential, motivation, or specialized interests have the opportunity for in-depth career exploration. CEC's curriculum and course offerings are designed to meet the needs of a diverse student body interested in college readiness, career exploration, career preparation, internships, dual enrollment, and leadership development..

**Enrollment Information:** Enrollment in CEC courses varies by program. Applicants must have a strong academic background and specific skills related to course requirements. Students are selected on the basis of their grades, attendance, previous coursework or other factors. Some courses (LPN, EMT, and Advanced Pre Med) require letters of recommendation. Course requests for the fall semester may be submitted as early as January. Early application allows time for instructors to screen and interview applicants when necessary. Students have the opportunity to complete course requests beginning in January, as schools conduct pre-registration activities; course requests close in early May and must be made through a counselor or Curriculum Assistant Principal May through August. During pre-registration at the home high school, a representative from CEC will present information about course offerings and will assist students in the application process. Students may also download an application from CEC's website: [cec.aps.edu](http://cec.aps.edu). Prerequisites and recommendations for specific courses can also be found on our website at [cec.aps.edu](http://cec.aps.edu).

### **College and Career High School (CCHS)**

**EC Building, 940 University Blvd.SE, Albuquerque, NM 87106 (505) 224-4880**

College and Career High School (CCHS) is an APS high school on the CNM campus. Students at CCHS are dual enrolled in APS and CNM, which allows students to complete their high school diploma while also earning a two year college degree, a college certificate, or credits towards a bachelor's degree. The goal at CCHS is dual graduation.

**Program Features:** This dual-credit school offers a college readiness, rigorous curriculum that allows students to get a head start on their college and career path. Students build their schedule of high school and college classes each semester much like college students build their schedules. The school day for a CCHS student will look like a college student's school day, with classes taking place at various times of the day or evening. CCHS does not follow the traditional APS calendar, and CCHS students are required to take classes during the summer. There are no tuition or textbook fees for college classes.

**Student Profile:** CCHS students must be enrolled in APS and CNM classes. With the help of the CNM Academic Coach, students explore their interests in programs of study and enroll in CNM classes. These CNM classes fulfill credit requirements for high school graduation and also for the college program of study they have selected. Because dual credit courses concurrently earn college credit and high school credit, it is possible to complete both APS and CNM requirements simultaneously.

**Enrollment Information:** High school sophomores, juniors, and seniors who have successfully completed the traditional core academic requirements of all previous high school years are eligible to apply for the school. For example, an 11th grader must have successfully completed all core academic requirements for both 9th and 10th grades. Official transcripts must be provided at time of application. Students must take the ACCUPLACER to assess their skills in reading, sentence skills, and math to determine which college-level dual credit classes they are prepared to take. CNM has established the minimum scores needed to enroll in classes. Students who need to improve their ACCUPLACER scores have access to various supportive programs, such as skills boot camps and

tutoring. However, as a magnet school, CCHS does not offer specialized classes or services offered at comprehensive high schools.

### **Early College Academy (ECA)**

**807 Mountain Rd. NE, Albuquerque, NM 87102 (505) 247-3658**

The Early College Academy (ECA) . ECA is a diploma granting college-preparation institution offering rigorous learning opportunities and a full high school experience in a small-school setting.

**Program Features:** The Early College Academy (ECA) is a magnet high school focused on college preparation. Core academic classes are offered in the morning so that students may take a full load of CEC, CNM, IAIA, and/or UNM classes in the afternoon. CNM, IAIA and UNM classes may apply toward an associate's or university degree. ECA's small-school environment offers students an intimate, personalized and rigorous college-readiness learning experience. We believe in an academic focus, paralleling and incorporating college level curriculum, and we require our students to start their post-secondary work beginning in the ninth grade.

**Student Profile:** ECA attracts a wide variety of students from all geographic areas and socioeconomic groups in Albuquerque. Students with ability, motivation, and potential have the opportunity to earn college credit while working toward a high school diploma. Due to the school's structure, ECA does not offer specialized classes or other services traditionally offered at comprehensive high schools such as ESL, Gifted, or Special Education classes. ECA dual credit and graduation requirements exceed those required by Albuquerque Public Schools. ECA students have access to CEC bus routes, which provides transportation to and from students' neighborhood high schools. Students can still participate in activities and/or sports at their neighborhood school while attending ECA.

**Enrollment Information:** Students who are interested in a challenging curriculum with a rigorous workload, expanded dual credit opportunities and graduation credit requirements, and small class sizes should apply for admission to ECA. Students must reside in the Albuquerque Public Schools District to be eligible to attend ECA. Residency documentation must be provided during the application process. Due to space limitations, student enrollment is limited to 55 students per grade level for a maximum enrollment of 220. The school maintains a "waiting list" if interest exceeds space and holds a public lottery in February for all applications received before the deadline listed on our website at [cec.aps.edu/eca](http://cec.aps.edu/eca). Students and families can access the application and admissions process and timeline at [cec.aps.edu/eca](http://cec.aps.edu/eca).

### **eCADEMY Virtual High School**

**Main Campus: 5300 Cutler NE, Albuquerque, NM 87110, (505) 247-4209**

**Website:** [ecademy.aps.edu](http://ecademy.aps.edu)

**eCADEMY Virtual High School** is an APS magnet school of choice, offering three different programs to meet individual student needs. eCademy High School supports students grades 9-12 in completing coursework that meets New Mexico high school graduation requirements. Includes three different programs, see below for descriptions:

**Part-Time/Concurrent Program Features:** These courses at eCADEMY High School are offered through an online platform. eCADEMY teachers are available on site at each traditional high school for students needing additional help from a highly qualified eCADEMY teacher during 5th, 6th and 7th periods. Courses can be taken as credit recovery, credit enhancement or credit advancement with priority given to seniors. Students enroll through their counselor at their high school in up to 2 classes at a time. There is a non-refundable registration fee of \$25 per semester if the student takes the class outside of the school day. Students may be enrolled in eCADEMY lab during their school day at their home high school and will not be charged the \$25 fee.



**Full-Time/Independent Program Features:**

eCADEMY High School provides a full-time online learning option for students and families who need more flexibility in their educational schedule. All courses, core and elective, are taught through an online platform. Students complete their courses asynchronously, with support from qualified teachers in each subject. There is a \$25 fee for the school year to attend the Independent program.

**Full-Time/TradeED Program Features:**

eCADEMY High School provides a program in partnership with CNM utilizing the Dual Enrollment opportunity with APS called [TradeED](#). Students will have the ability to earn certifications in one of these four major areas:

- [Automotive](#) (3 CNM terms to complete)
- [Welding](#) (3 CNM terms to complete)
- [Electrical](#) (3 CNM terms to complete)
- [Carpentry/Construction](#) (2 CNM terms to complete)

For more information please visit us at [ecademy.aps.edu](http://ecademy.aps.edu) or call 505-247-4209.

**Freedom High School**

**5200 Cutler Ave. NE, Albuquerque, NM 87110 (505) 884-6012 or (505) 816-9500**

Freedom High School is a diploma-granting magnet school in the Albuquerque Public Schools. The school is accredited, and students must fulfill all the graduation requirements set forth for high schools by the Albuquerque Board of Education and the State of New Mexico.

**Program Features:** Freedom High is an AVID school that requires all students to participate in an AVID elective and utilizes an advisement system where students meet daily with AVID teachers/advisors. Advisors work closely with parents from enrollment to graduation to support students in graduating from high school with a plan for their future.

**Student Profile:** Freedom's academic program provides educational services for students in grades 9-12 who have determined they may benefit from a personalized, small school setting. Students come to Freedom having faced a variety of barriers to earning their high school diploma, but all have a determination to graduate. The program allows students to recover credits, move forward, and in many cases, graduate on time or early.

**Enrollment Information:** process and to determine if there is a need for support in these two areas. After taking the placement exam, students are expected to provide FHS with a current transcript and to call the school every school day to express their interest in attending FHS. Interviews are then scheduled with an advisor, the student and his or her parents/guardians. At the interview, the Counselor develops a graduation plan and an initial schedule.

**NEX+Gen Academy**

**5325 Montgomery NE, Albuquerque, New Mexico 87109, (505) 883-7222**

The NEX+Gen Academy offers a diploma-granting program that fulfills all of the requirements set for high schools by the state of New Mexico and by Albuquerque Public Schools.

**Program Features:** The magnet school opened in the fall of 2010 on the Del Norte High School campus. A public high school with a capacity of 350 students, NEX+Gen provides a personalized educational experience that supports student success in a rigorous program of studies that prepares students for college and career.

**Student Profile:** NEX+Gen Academy offers a unique teaching and learning system based on the proven national



model established by the New Tech Learning Network. Students work together collaboratively to solve complex, real-world problems. Classes are integrated, allowing students to make authentic connections among subject matter disciplines. Learning at NEX+Gen Academy is rigorous, standards-driven, and project-based. Utilizing cutting-edge technology in a one-to-one environment, students develop a wide range of critical thinking skills that prepare them for success in college and the workplace.

**Enrollment Information:** Enrollment is determined by self-selection by families that are committed to the unique features and expectations of the school. A typical and successful nex+Gen student is: self-directed and excited in learning; interested in taking ownership for their learning; able to enjoy a small school community; willing to benefit from learning that is rigorous, standards-driven, and project-based.

### **School on Wheels High School**

**129 Hartline SW, Albuquerque, NM 87105, (505) 243-2395**

**6440 Western Trails NW, Albuquerque, NM, 87120-0201**

**Program Features:** School on Wheels High School is a magnet school where students can recover, remediate, or enrich learning opportunities through career internships, work-study programs and after-school online credit recovery classes. Students are required to take core courses during the school day with elective credits coming from career exploration (Wednesdays) and work hours. Our mission is to create a learning community that motivates each student to graduate from high school ready for college and careers.

**Enrollment Information:** School on Wheels enrolls students from 15 to 18 years old, after an interview with the principal and staff members. We enroll students throughout the school year, on a case-by-case basis.

### **Sandia International Baccalaureate Diploma Program**

**Sandia High School, 7801 Candelaria NE, Albuquerque, NM 87110, (505) 294-1511**

The International Baccalaureate Diploma Program (IB) is designed as an academically challenging and balanced program of education with final examinations that prepare students for success at the university level and beyond. The program is taught over two years (junior and senior year) and has gained recognition and respect from the world's leading universities. The IB Program is unique in that it provides a liberal arts, interdisciplinary education leading to a diploma, which is recognized throughout the world.

**Program Features:** IB Diploma students pursue studies in English, foreign language, experimental sciences, mathematics, social studies, and the arts or an elective over two years. Additionally, students will take a course in the Theory of Knowledge, perform community service, and write a 3000-word research paper as part of the program. IB also requires that students complete assessment tasks in the classroom, which are scored by their teachers, and then moderated by IB. Finally, students take written examinations at the end of the program, which are marked by external IB examiners in order to earn their IB Diploma.

**Enrollment information:** Sandia's IB program is open to all high school students in the area as well as surrounding private school students. Students will be required to provide PSAT scores and teacher recommendations, and participate in a personal interview prior to admittance.

**IB Preparatory Program:** To succeed in IB, students must be dedicated learners. To facilitate this, we encourage students to enroll in our IB Preparatory Program during the freshman and sophomore years. Students who have completed that program successfully will advance to the Diploma Program in their junior year. To apply for the IB Preparatory Program students will submit a transcript and three teacher recommendations.

\*Students living outside the Sandia attendance area may be granted a transfer to Sandia based on their admittance to the IB program. **Any student who receives such a transfer and fails to enroll in the IB Program will not be allowed to enroll at Sandia High School**

### **SPECIAL PROGRAMS**

#### **New Futures School**

**5400 Cutler NE, Albuquerque, NM 87110, (505) 883-5680**

Classes at New Futures lead to a high school diploma. Course offerings are standardized as prescribed by the Albuquerque Public Schools. Students are expected to meet all standards and benchmarks in the core curriculum content.

***Program Features:*** New Futures offers an online credit recovery program, dual-credit, English Language Development (ELD) classes after school tutoring in all content areas, college and career counseling. A variety of elective classes are offered. Some of the elective classes focus on child development, parenting and health. These electives are designed to help pregnant and parenting teens have a healthier pregnancy and acquire good parenting skills. In addition, New Futures houses a non-profit store with affordable clothing, furniture, and other necessities for our students and it is run by the Service-Learning class.

***Student Profile:*** New Futures School is open to all pregnant and parenting students (male and female) in grades 6-12 who live in the Albuquerque Public School District. New Futures provides transportation, small classes, a full day staffed health office, an on-campus WIC office and an on-site 5-Star childcare center that offers free daycare for all students.

***Enrollment Information:*** The schedule at New Futures consists of four classes a day, 5 days a week for 9 weeks. There are four 9-week quarters in the school year. Students can earn up to 2 credits each quarter for a total of 8 credits each year. Students can transfer in at the beginning of each 9-week quarter. Online credit recovery is available for late enrollment.

#### **Transition Outcomes**

**1100 Cardenas Dr. SE, Albuquerque, NM 87108, (505) 872-6800**

Transition Services serves students 18-22 years old who have completed the high school portion of their programs, yet continue to have transition needs in the areas of employment, post secondary education/training, independent living and community connections.

#### **Juvenile Detention Center Educational Unit and Continuation School**

**5100 2<sup>nd</sup> St. NW, Albuquerque, NM 87107, (505) 468-7223**

The JDC school staff, as advocates for children, provide a safe and healthy environment where students have the opportunity for education, personal growth, and development of life skills; thus building positive bridges to the community.

Continuation School is an alternative school that offers continued educational opportunities to general education high school students who have been suspended or expelled for major infractions of the disciplinary code. Students attend for the period of their school suspension. APS hearing officers, juvenile court judges, probation or truancy officers, or high school administrators may refer students to Continuation School.

# ALBUQUERQUE PUBLIC SCHOOLS DISTRICT

## COURSE OFFERINGS

### Core Curriculum Courses

At Albuquerque Public Schools, we are dedicated to offering courses that align with student interests, goals, and aspirations. Our district course catalog provides an overview of the many core courses available. However, not all courses may be offered at every school, as availability is shaped by:

- Student interest and enrollment choices
- Teacher certification and staffing availability
- Facility resources and scheduling needs

We strive to create a student-driven scheduling process that prioritizes your academic and career interests while meeting graduation requirements. While we do our best to accommodate all requests, some courses may not be available during a particular semester or academic year.

For details on the specific courses offered at your school, please connect with your school counselor or academic advisor. You can also refer to pages 26-78 to see the courses currently available at APS comprehensive schools.

Thank you for sharing your interests with us as we work together to design your educational journey!

### *Language Arts*

#### English 9

**Grade Level(s):** 9

**Length/Credit:** Year/1.0

**NCAA:** Yes

**Course Description:** In English 9, the student surveys the underpinning elements of various types of literature from around the world. The student recognizes and understands the concept of theme, explores various genres and the unique characteristics of each (e.g. the oral tradition, poetry, prose, fiction, non-fiction, drama, the novel) and reads numerous selections by a wide variety of authors.

Regardless of the approach(s) used, the student applies critical thinking skills through reading, speaking, viewing and listening strands of language arts, through writing and research (50% of the course), and through the use of technology as a learning tool.

**Important Notes:** The teacher addresses individual student needs, interests, learning styles and rates through a differentiated approach to instruction and with selections of instructional materials.

**Course Number:** 25031

**Course Type:** Regular

**Fee:** None

#### English 9 Honors

**Grade Level(s):** 9

**Length/Credit:** Year/1.0

**NCAA:** Yes

**Course Description:** In English 9 Honors, the student surveys the underpinning elements of various types of literature from around the world. The student recognizes and understands the concept of theme, explores various genres and the unique characteristics of each (e.g. the oral tradition, poetry, prose, fiction, non-fiction, drama, the novel) and reads numerous selections by a wide variety of authors. Regardless of the approach(s) used, the student applies critical thinking skills through reading, speaking, viewing and listening strands of language arts, through writing and research (50% of the course), and through the use of technology as a learning tool.

**Important Notes:** English 9 Honors is a weighted course that includes advanced placement preparation for college entrance.

**Course Number:** 25034

**Course Type:** Honors

**Fee:** None

## **English 10**

**Grade Level(s): 10**

**Prerequisite: English 9**

**Length/Credit: Year/1.0**

**Course Description:** In English 10, the student surveys and samples a wide variety of multicultural literature of the world from diverse authors, various time periods, and various genres. The student studies and considers a broad spectrum of themes and perspectives from around the globe and makes connections to his or her own ancestry and to the ancestry of other peoples of the world. Regardless of the approach(s) used, the student applies critical thinking skills through reading, speaking, viewing and listening strands of language arts, through writing and research (50% of the course), and through the use of technology as a learning tool.

**Important Notes:** The teacher addresses individual student needs, interests, learning styles and rates through a differentiated approach to instruction and with selections of instructional materials.

**Course Number: 25041**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

## **English 10 Honors**

**Grade Level(s): 10**

**Prerequisite: English 9 or English 9 Honors**

**Length/Credit: Year/1.0**

**Course Description:** In English 10 Honors, the student surveys and samples a wide variety of multicultural literature of the world from diverse authors, various time periods, and various genres. The student studies and considers a broad spectrum of themes and perspectives from around the globe and makes connections to his or her own ancestry and to the ancestry of other peoples of the world. Regardless of the approach(s) used, the student applies critical thinking skills through reading, speaking, viewing and listening strands of language arts, through writing and research (50% of the course), and through the use of technology as a learning tool.

**Important Notes:** English 10 Honors is a weighted course that includes advanced placement preparation for college entrance.

**Course Number: 25044**

**Course Type: Honors**

**Fee: None**

**NCAA: Yes**

## **AP Seminar**

**Grade Level(s): 10-11 (Grants English 10-11 credit or can be taken as an elective)**

**Prerequisite: English 9 or English 9 Honors**

**Length/Credit: Year/ 1.0**

**Course Description:** This foundational course provides students with opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. Students explore real-world issues through a cross-curricular lens, consider multiple points of view to develop deep understanding of complex issues, and connect these to their own lives.

**Course Number: 55521**

**Course Type: AP**

**Fee: None**

**NCAA: Yes**

## **English 11**

**Grade Level(s): 11**

**Prerequisite: English 10 or English 10 Honors**

**Length/Credit: Year/1.0**

**Course Description:** In English 11, the student surveys selections of the literary history of America using a particular approach designed by the teacher and supported with appropriate instructional materials. With a chronological approach, the student surveys selected samples from the Colonial Period (1607-1765) to the Post-Modern Period (1970 – Present) including political and social history and literary movements within each period. With a thematic approach, the student surveys selections of American literature across time grouped by themes, (e.g., Struggle for Independence, the American Dream, Individual Thought and Action.) With a genre approach, the student surveys various time periods and themes in American literature through selected genres across time periods (e.g., early journals, poetry, verse, sermons, oratory, short stories, novels, and plays). With a humanities or interdisciplinary approach, the student makes connections to corresponding time periods and themes through the study of U.S. History and/or other subject areas. Regardless of the approach(s) used, the student applies critical thinking skills through reading, speaking, viewing and listening strands of language arts, through writing and research (50% of the course), and through the use of technology as a learning tool.

**Important Notes:** The teacher addresses individual student needs, interests, learning styles and rates through a differentiated approach to instruction and with selections of instructional materials.

**Course Number: 25051**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

## **AP English Language and Composition 11**

**Grade Level(s):** 11

**Prerequisite:** English 10 or English 10 Honors

**Length/Credit:** Year/1.0

**Course Description:** In AP English Language and Composition, the student surveys selections of the literary history of America using a particular approach designed by the teacher and supported with appropriate instructional materials. With a chronological approach, the student surveys selected samples from the Colonial Period (1607-1765) to the Post-Modern Period (1970 – Present) including political and social history and literary movements within each period. With a thematic approach, the student surveys selections of American literature across time grouped by themes, (e.g., Struggle for Independence, the American Dream, Individual Thought and Action.) With a genre approach, the student surveys various time periods and themes in American literature through selected genres across time periods (e.g., early journals, poetry, verse, sermons, oratory, short stories, novels, and plays). With a humanities or interdisciplinary approach, the student makes connections to corresponding time periods and themes through the study of U.S. History and/or other subject areas. Regardless of the approach(s) used, the student applies critical thinking skills through reading, speaking, viewing and listening strands of language arts, through writing and research (50% of the course), and through the use of technology as a learning tool.

**Important Notes:** AP English Language and Composition 11 is a weighted course that includes advanced placement preparation for college entrance. AP English Language and Composition 11 includes preparation for the Advanced Placement English Language and Composition Examination. Each student is encouraged to take the AP Exam.

**Course Number:** 25058

**Course Type:** AP

**Fee:** None

**NCAA:** Yes

## **English 11 Humanities & U.S. History/Geography Humanities**

**Grade Level(s):** 11

**Prerequisite:** English 10

**Corequisites:** Enrollment in U.S. History/Geography Humanities

**Length/Credit:** Year/1.0

**Course Description:** American Humanities combines American literature, history, and fine arts to study the ideals and traditions of our cultural heritage. This two-credit program grants 1 credit in English and 1 credit in U.S. History (see Social Studies). Some enrichment activities, including field trips and research projects, are part of the program. Students will apply standard usage in speaking, listening, and writing through the reading of American literature. One half of the course work in English is devoted to composition. This course is recommended preparation for post-secondary education. With a Humanities or interdisciplinary approach, the student makes connections to corresponding time periods and themes through the study of U.S. History and/or other subject areas. Regardless of the approach(es) used, the student applies critical thinking skills through reading, speaking, viewing, and listening strands of language arts, through writing and research (50% of the course), and through the use of technology as a learning tool.

**Course Number:** 21532/11020

**Course Type:** Regular

**Fee:** None

**NCAA:** Yes

## **English 12**

**Grade Level(s):** 12

**Prerequisite:** English 11 or English 11 AP

**Length/Credit:** Year/1.0

**Course Description:** In English 12, the student surveys selections of the literary history of the world/Great Britain using a particular approach designed by the teacher and supported with appropriate instructional materials. With a chronological approach, the student surveys selected samples from B.C. –A.D. 428 to the present including political and social history and literary movements within each period, (e.g. Celtic and Roman, The Anglo-Saxon, Medieval, Renaissance, Age of Reason, Romantics, Victorians, Modern, etc.). With a thematic approach, the student surveys selections of world/British literature across time grouped by themes (Storytelling, Expanding Horizons, Conflict and Turning Points, etc.). With a genre approach, the student surveys various time periods and themes in world literature through selected genres across time periods (e.g. mythology, legends, epics, journals, poetry, verse, plays, novels, short stories, etc.). With a humanities or interdisciplinary approach, the student makes connections to corresponding time periods and themes through the study of World History and/or other subject areas. Regardless of the approach(s) used, the student applies critical thinking skills through reading, speaking, viewing and listening strands of language arts, through writing and research (50% of the course), and through the use of technology as a learning tool.

**Important Notes:** The teacher addresses individual student needs, interests, learning styles and rates through a differentiated approach to instruction and with selections of instructional materials.

**Course Number:** 25061

**Course Type:** Regular

**Fee:** None

**NCAA:** Yes

## **AP English Literature and Composition 12**

**Grade Level(s): 12**

**Prerequisite: English 11 or English 11 AP**

**Length/Credit: Year/1.0**

**Course Description:** In AP English Literature and Composition 12, the student surveys selections of the literary history of the world/Great Britain using a particular approach designed by the teacher and supported with appropriate instructional materials. With a chronological approach, the student surveys selected samples from B.C. –A.D. 428 to the present including political and social history and literary movements within each period, (e.g. Celtic and Roman, The Anglo-Saxon, Medieval, Renaissance, Age of Reason, Romantics, Victorians, Modern, etc.). With a thematic approach, the student surveys selections of world/British literature across time grouped by themes (Storytelling, Expanding Horizons, Conflict and Turning Points, etc.). With a genre approach, the student surveys various time periods and themes in world literature through selected genres across time periods (e.g. mythology, legends, epics, journals, poetry, verse, plays, novels, short stories, etc.). With a humanities or interdisciplinary approach, the student makes connections to corresponding time periods and themes through the study of World History and/or other subject areas. Regardless of the approach(s) used, the student applies critical thinking skills through reading, speaking, viewing and listening strands of language arts, through writing and research (50% of the course), and through the use of technology as a learning tool.

**Important Notes:** AP English Literature and Composition 12 is a weighted course that includes advanced placement preparation for college entrance. AP English Literature and Composition 12 includes preparation for the Advanced Placement English Literature and Composition Examination. Each student is encouraged to take the AP Exam.

**Course Number: 25064**

**Course Type: AP**

**Fee: None**

**NCAA: Yes**

## **AP Research**

**Grade Level(s): 12 (Grants English 12 credit if taken at Grade 12)**

**Prerequisite: AP Seminar**

**Length/Credit: Year/1.0**

**Course Description:** This course allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration students design, plan, and conduct a yearlong mentored, research-based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methods; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. The course culminates in an academic thesis paper of approximately 5,000 words and a presentation, performance, or exhibition with an oral defense.

**Course Number :55522**

**Course Type: AP**

**Fee: None**

**NCAA: Yes**

## **Creative Writing II**

**Grade Level(s): 9-12**

**Prerequisite: For Creative Writing II, completion of Creative Writing I or English 11. In order for Creative Writing II to count for English 12 credit, Creative Writing II must be taken in the senior year.**

**Length/Credit: Year/1.0**

**Course Description:** Creative Writing II is a senior level English course that is open as an elective to juniors who have successfully completed Creative Writing 1 and seniors who seek an alternative English class that focuses on many forms of writing. In Creative Writing II, the student advances discussion of selected models of various works from around the world to gain a background for extensive original writing. Students will read extensively both classic and contemporary works of fiction, drama, poetry, and nonfiction. The reading will prepare students to write their own pieces in each genre. The student develops and refines working and showcases portfolios (traditional and/or electronic) representing best work in various genres, e.g., short stories, one-act plays, poetry, fiction, and non-fiction). As part of the creative process, the student identifies and concentrates on individual needs for vocabulary development, spelling, sentence structure, and revision. In addition, the student refines technique and style and revises work through peer and self-editing and prepares freelance work for submission to contests and publishers. The student shares work in class discussions for feedback and analysis and uses technology to support writing, research, presentations, and the procedures for submitting work for consideration to print and online literary magazines.

**Course Number: 24541**

**Course Type: Regular**

**Fee: None**

**NCAA: No**

## **College Prep Composition**

**Grade Level(s): 12 (Grants English 12 credit in conjunction with Mythology & Folklore)**

**Prerequisite: English 11**

**Length/Credit: Semester/.5**

**Course Description:** In College Prep Composition, the student engages in a concentrated study of the writing process in expository writing and the art of rhetoric in persuasive writing. The student practices writing various types of essays and compositions to prepare for college-level writing. Models such as 6 Plus One! Traits are used to help the student develop ideas, organization, voice, style, and fluency in written work, including revision and polishing work for publication. The student reads exemplary works by authors from around the world and creates traditional and/or electronic portfolios to show progress of work over time using technology as a learning, writing, and research tool.

In College Prep Composition, students write restaurant, music and art reviews, examine media and pop culture, and develop their individual voices while also generating their own topics to explore the world in which we live (as is true of many college composition courses). Students will enjoy many opportunities to develop reading and critical thinking skills as they employ standard usage in speaking and listening, research, and (of course) writing. As they choose, students may also write for contests and college scholarships. This course is offered in the fall semester in conjunction with Mythology and Folklore (22037) in the spring. Taken together, these two courses follow a college pattern and fulfill requirements for senior English, meeting or exceeding all Standards for Language Arts required by the State of New Mexico and APS.

## **Mythology & Folklore In Literature**

**Grade Level(s): 12 (Grants English 12 credit in conjunction with College Prep Comp. or one Semester of English 12)**

**Prerequisite: English 11**

**Length/Credit: Semester/.5**

**Important Note:** *Elective credit if taken at Grade 11. Taken in conjunction with Mythology and Folklore in the spring semester will satisfy English requirement if taken at Grade 12.*

**Course Description:** In Mythology and Folklore, the student identifies and compares the survivals of past and present beliefs, customs, traditions, and rituals, including oral and written myths, legends, stories, riddles, proverbs, nursery rhymes, superstitions, plant and animal lore, and spiritual histories. The student analyzes central themes that attempt to explain the meaning of existence and how archetypes and images are used in literature to evoke reader response. Technology is used as a writing, research, and learning tool. Students explore connections between ancient stories and modern lives as they discover how mythology provides a foundation for modern thought in both literature and popular culture (for example, before psychology, people had mythology). Students will have many opportunities to develop reading, writing, and critical thinking skills (one-half of the course is devoted to writing).

This course is offered in the spring semester in conjunction with College Prep Composition (24531) in the fall. Taken together, these two courses follow a college pattern and fulfill requirements for senior English, meeting or exceeding all Standards for Language Arts required by the State of New Mexico and APS.

**The following courses may be taken as electives in the grades indicated or may substitute for a required English course. College-bound students wishing to enroll in these courses should do so on an elective basis in addition to the required English course.**

## **Bible Literature**

**Grade Level(s): 11- 12**

**Length/Credit: Year/1.0**

**Important note: Elective at Grade 11; grants English 12 credit if taken at Grade 12.**

**Course Description:** In Bible Literature, the student reads and explores the literature that exists in both the Old and New Testaments. In addition to studying literary devices and vocabulary, the student studies history, civilizations, character studies, and themes. The student also examines the Bible's form and structure (e.g., historical recitals, folktales, covenant renewals, prophetic oracles and apocalyptic literature, parables, stories of healing, sayings, and legal commentary). The student applies critical thinking skills through reading, speaking, viewing and listening strands of language arts through writing and research. One half of the course work is devoted to composition.

## **Shakespeare**

**Grade Level(s): 11 - 12**

**Length/Credit: Year/ 1.0**

**Prerequisite: English 11**

**Important Note: Elective at Grade 11; grants English 12 credit if taken at Grade 12. Highly encouraged that students are able to read at or above grade level and have good writing skills.**

**Course Description:** In Shakespeare, the student studies William Shakespeare's life, Elizabethan politics, theater of the period, and his dramatic techniques. The student reads, studies, discusses, recites and enacts Shakespeare's masterpieces (including the comedies, histories, tragedies, and romances) and his non-dramatic poetry (including narrative poems and sonnets). Technology is used as a research and learning tool. One half of the course work is devoted to composition.

**Course Number: 24531**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

**Course Number: 22037**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

**Course Number: 21533**

**Course Type: Regular**

**NCAA: Yes**

**Course Number: 21542**

**Course Type: Regular**

**NCAA: Yes**

**Film Criticism****Grade Level(s): 11 - 12****Length/Credit: Year/ 1.0****Prerequisite: English 10 for 11th grade English replacement / English 11 for English 12 replacement****Important Note: Grants English 11 and 12 credit.**

**Course Description:** In Film Criticism, the student studies the history, development, and art form of the motion picture and its influence and reflection of society. The student studies the language of filmmaking, techniques of filmmaking, and literary and technical analysis as criteria for evaluating films and literature from around the world. The student also applies media literacy techniques by “reading” visual images as “texts” and by comparing/contrasting original novels and stories to corresponding screenplays.

**Course Number: 20538****Course Type: Regular****NCAA: No****Crime & Punishment****Grade Level(s): 11- 12****Length/Credit: Year/ 1.0****Prerequisite: English 10 for 11th grade English replacement / English 11 for English 12 replacement****Important Note: Grants English 11 and 12 credit.****Course Number: 22072****Course Type: Regular****NCAA: Yes**

**Course Description:** The Crime and Punishment course is designed to address some of the most important issues in societies, past and present. It will look at how we try to understand and deter crime, punish criminals, and rehabilitate them. The course highlights careers in criminology, the debate surrounding capital punishment, the life of a prison inmate, the trial and jury system, famous criminals and crime, and finally, explores the individual’s sense of good and evil. The students will conclude the course with reflections of their compiled studies through a project that requires them to go public with their findings

**ELD – Level I/II****Grade Level(s): 9 - 12****Length/Credit: Year/ 1.0****Appropriate for students with ACCESS Score of 0-2.9**

**Course Description:** The Level I ESL class is offered to students who enter our school district with little or no understanding of English. The purpose is to provide these students with an opportunity to acquire English in a stress-free environment. The class enables them to participate physically, socially, emotionally, intellectually, and linguistically in meaningful situations as they acculturate to the school environment and the community. Skills taught cover the areas of listening, speaking, reading, and writing as well as cultural understanding.

**Course Number(s):205E(0,2,4,6)****Course Type: Regular****NCAA: not currently approved****ELD – Level III/IV****Grade Level(s): 9 - 12****Appropriate for students with ACCESS score of 3.0-4.6**

**Course Description:** This course represents standards for an 11<sup>th</sup> grade Language Arts class. Because of the progressive nature of ELD courses, the standards to be used by the teacher represent the appropriate grade level of the student. The teacher will access the grade level standards in order for students to receive their grade level Language Arts credit (i.e., Level 3 students in 9<sup>th</sup>, 10<sup>th</sup>, or 12 grade).

**Course Number(s): 205E(1,3,5,7)****Course Type: Regular****Length/Credit: Year/ 1.0****NCAA: not currently approved (only****ELD 10 <sup>3</sup>/<sub>4</sub> is current NCAA approved)**



## **Mathematics**

<b>Graduate Standard Year</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
Up to Class of 2028	<b>Alg I</b> <b>Honors Alg I</b> <b>Alg I Bilingual</b> <b>Honors Alg I Bil</b> <i>Geometry</i> <i>Honors Geometry</i> <i>(Successful completion of Alg I in middle school.)</i>	<b>Geometry</b> <b>Honors Geometry</b> <b>Geometry Bil</b> <b>Honors Geometry Bil</b> <i>Alg II</i> <i>(Successful completion of Geometry in 9th grade)</i>	<b>Algebra II</b> <b>Honors Algebra II</b> <b>Algebra II Bilingual</b> <b>Honors Algebra II Bil</b> <i>Pre-Calculus</i> <i>Pre-Calculus Bil</i> Calculus AP Calculus AB	<b>Pre Calculus</b> <b>Calculus</b> <b>Calculus AB</b> <b>Calculus BC</b> <b>Statistics</b> <b>AP Statistics</b> <b>Trans College Math</b> <b>Financial Literacy</b> <b>AP Comp Science Principles</b> <b>AP Comp Science A</b> <b>Dual Credit</b>
Class of 2029 and beyond	<b>Alg I</b> <b>Honors Alg I</b> <b>Alg I Bilingual</b> <b>Honors Alg I Bil</b> <i>Geometry</i> <i>Honors Geometry</i> <i>(Successful completion of Alg I in middle school.)</i>	<b>Geometry</b> <b>Honors Geometry</b> <i>Alg II</i> <i>(Successful completion of Geometry in 9th grade)</i>	<b>TBD other 3rd year courses</b> <b>Algebra II</b> <b>Honors Algebra II</b> <b>Algebra II Bilingual</b> <b>Honors Algebra II Bil</b> <i>Pre-Calculus</i> <i>Pre-Calculus Bil</i> Calculus AP Calculus AB	<b>TBD other 4th year courses</b> <b>Pre Calculus</b> <b>Calculus</b> <b>Calculus AB</b> <b>Calculus BC</b> <b>Statistics</b> <b>AP Statistics</b> <b>Trans College Math</b> <b>Financial Literacy</b> <b>Dual Credit</b>

### **Algebra I**

**Grade Level(s): 9-12**

**Length/Credit: Year/1.0**

**Course Number: 33040**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

**Course Description:** In Algebra I, the student develops an understanding of the basic structure and language of Algebra, a tool used to represent and solve a variety of real-world situations. The student uses tables, models, and graphs to interpret algebraic expressions, equations, and inequalities to analyze functions. In addition, the student uses calculators, computers, and graphing utilities in problem solving. Other areas of study are global processes, geometry, and data analysis and probability.

### **Algebra I Bilingual**

**Grade Level(s): 9-12**

**Length/Credit: Year/1.0**

**Course Number: 3304A**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

**Course Description:** In Algebra I, the student develops an understanding of the basic structure and language of Algebra, a tool used to represent and solve a variety of real-world situations. The student uses tables, models, and graphs to interpret algebraic expressions, equations, and inequalities to analyze functions. In addition, the student uses calculators, computers, and graphing utilities in problem solving. Other areas of study are global processes, geometry, and data analysis and probability.

## **Honors Algebra I**

**Grade Level(s): 9-12**

**Length/Credit: Year/1.0**

**Course Number: 33080**

**Course Type: Honors**

**Fee: None**

**NCAA: Yes**

**Course Description:** Honors Algebra I is designed for any student desiring to take an advanced level mathematics course and who wants to be prepared for AP Calculus and may have an interest in preparing for a career in Mathematics, Science and/or Engineering. The student is prepared for the increased workload an Honors course demands. He/She is challenged to exceed the standards of the Algebra I course in order to prepare him/her for the rigor of more advanced classes such as AP Calculus. Throughout the course, the student develops concepts, techniques and theory in greater depth than the Algebra I course. Both acceleration and enrichment are integral components of the curriculum. This is the first course in the four-year Honors/AP Program on mathematics and carries a weighted grade. Other areas of study are global processes, geometry, and data analysis and probability.

There are four main differences between regular and Honors (pre-AP):

1. the sophistication of the response the teacher asks of students
2. the rigor of the work that is required
3. the way the teacher assesses what is taught and
4. the global connections that reach beyond the boundaries of what is taught in the textbook.

## **Honors Algebra I Bilingual**

**Grade Level(s): 9-12**

**Length/Credit: Year/1.0**

**Course Number: 33080B**

**Course Type: Honors**

**Fee: None**

**NCAA: Yes**

**Course Description:** Honors Algebra I is designed for any student desiring to take an advanced level mathematics course and who wants to be prepared for AP Calculus and may have an interest in preparing for a career in Mathematics, Science and/or Engineering. The student is prepared for the increased workload an Honors course demands. He/She is challenged to exceed the standards of the Algebra I course in order to prepare him/her for the rigor of more advanced classes such as AP Calculus. Throughout the course, the student develops concepts, techniques and theory in greater depth than the Algebra I course. Both acceleration and enrichment are integral components of the curriculum. This is the first course in the four-year Honors/AP Program on mathematics and carries a weighted grade. Other areas of study are global processes, geometry, and data analysis and probability.

There are four main differences between regular and Honors (pre-AP):

1. the sophistication of the response the teacher asks of students
2. the rigor of the work that is required
3. the way the teacher assesses what is taught and
4. the global connections that reach beyond the boundaries of what is taught in the textbook

## **Geometry**

**Grade Level(s): 9-12**

**Prerequisite: Algebra I**

**Length/Credit: Year/1.0**

**Course Number: 35040**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

**Course Description:** In Geometry the student learns abstract and logical thinking through inductive and deductive reasoning. The student uses lines, planes, polygons, circles, and three-dimensional figures for representing and solving a variety of problems. The student uses calculators, construction tools (e.g., compass, protractor, straight edge), and graphing utilities as tools in problem solving. Other areas of study include global processes; algebra, functions, and graphs; and data analysis and probability. Literacy strategies are integrated throughout the curriculum.

## **Geometry Bilingual**

**Grade Level(s): 9-12**

**Prerequisite: Algebra I**

**Length/Credit: Year/1.0**

**Course Number: 3504A**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

**Course Description:** In Geometry the student learns abstract and logical thinking through inductive and deductive reasoning. The student uses lines, planes, polygons, circles, and three-dimensional figures for representing and solving a variety of problems. The student uses calculators, construction tools (e.g., compass, protractor, straight edge), and graphing utilities as tools in problem solving. Other areas of study include global processes; algebra, functions, and graphs; and data analysis and probability. Literacy strategies are integrated throughout the curriculum.

## **Honors Geometry**

**Grade Level(s): 9-12**

**Prerequisite: Algebra I**

**Length/Credit: Year/1.0**

**Course Description:** In Honors Geometry the student learns abstract and logical thinking through inductive and deductive reasoning. The student uses advanced concepts in lines, planes, polygons, circles, and three-dimensional figures for representing and solving a variety of problems. The student uses calculators, construction tools (e.g., compass, protractor, straight edge), and graphing utilities as tools in problem solving. Other areas of study include global processes; algebraic concepts, functions, patterns and graphs; and data analysis and probability. The course also includes an in-depth re-coverage of some Algebra I. There are four main differences between regular and Honors (pre-AP):

1. the sophistication of the response the teacher asks of students
2. the rigor of the work that is required
3. the way the teacher assesses what is taught and
4. the global connections that reach beyond the boundaries of what is taught in the textbook

**Course Number: 35080**

**Course Type: Honors**

**Fee: None**

**NCAA: Yes**

## **Honors Geometry Bilingual**

**Grade Level(s): 9-12**

**Prerequisite: Algebra I**

**Length/Credit: Year/1.0**

**Course Description:** In Honors Geometry the student learns abstract and logical thinking through inductive and deductive reasoning. The student uses advanced concepts in lines, planes, polygons, circles, and three-dimensional figures for representing and solving a variety of problems. The student uses calculators, construction tools (e.g., compass, protractor, straight edge), and graphing utilities as tools in problem solving. Other areas of study include global processes; algebraic concepts, functions, patterns and graphs; and data analysis and probability. The course also includes an in-depth re-coverage of some Algebra I. There are four main differences between regular and Honors (pre-AP):

1. the sophistication of the response the teacher asks of students
2. the rigor of the work that is required
3. the way the teacher assesses what is taught and
4. the global connections that reach beyond the boundaries of what is taught in the textbook

**Course Number: 3504B**

**Course Type: Honors**

**Fee: None**

**NCAA: Yes**

## **Algebra II**

**Grade Level(s): 10-12**

**Prerequisite: Algebra I, Geometry**

**Length/Credit: Year/1.0**

**Course Description:** In Algebra II the student learns to extend and develop the concepts studied in Algebra I and Geometry and is introduced to more advanced topics such as relations, functions, conic sections, and exponential and logarithmic functions. Also, he/she pays more attention to the study of systems of equations including quadratic systems, inequalities, and absolute value relations. Other areas of study are geometry and data analysis and probability. The student applies problem-solving techniques throughout the course as an integral part of the subject.

**Course Number: 36040**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

## **Algebra II Bilingual**

**Grade Level(s): 10-12**

**Prerequisite: Algebra I, Geometry**

**Length/Credit: Year/1.0**

**Course Description:** In Algebra II the student learns to extend and develop the concepts studied in Algebra I and Geometry and is introduced to more advanced topics such as relations, functions, conic sections, and exponential and logarithmic functions. Also, he/she pays more attention to the study of systems of equations including quadratic systems, inequalities, and absolute value relations. Other areas of study are geometry and data analysis and probability. The student applies problem-solving techniques throughout the course as an integral part of the subject.

**Course Number: 3604A1**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

## **Honors Algebra II/Trigonometry**

**Grade Level(s): 10-12**

**Prerequisite: Algebra I, Geometry**

**Length/Credit: Year/1.0**

**Course Description:** In Algebra II/Trigonometry Honors the student learns to extend and develop the concepts studied in Algebra I and Geometry and is introduced to more advanced topics such as relations, functions, conic sections, and exponential and logarithmic functions. Also, he/she pays more attention to the study of systems of equations including quadratic systems, inequalities, and absolute value relations. Other areas of study are geometry and data analysis and probability. The student applies problem-solving techniques throughout the course as an integral part of the subject.

There are four main differences between regular and Honors (pre-AP):

1. the sophistication of the response the teacher asks of students
2. the rigor of the work that is required
3. the way the teacher assesses what is taught and
4. the global connections that reach beyond the boundaries of what is taught in the textbook

**Course Number: 36080**

**Course Type: Honors**

**Fee: None**

**NCAA: Yes**

## **Trigonometry**

**Grade Level(s): 10-12**

**Prerequisite: Algebra I, Geometry, Algebra II**

**Length/Credit: Year/1.0**

Trigonometry is an advanced mathematics course devoted to the study of the six trigonometric functions and a basic introduction to polar coordinates. The student solves triangles, trigonometric equations, finds their values, graphs, inverses, and recognizes the relationships to one another. Other areas of study are global mathematics processes, number sense and operations, geometry, spatial sense, and measurement, and patterns, functions, and algebraic concepts.

**Course Number: 38019**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

## **Pre-Calculus**

**Grade Level(s): 10-12**

**Prerequisite: Algebra I, Geometry, Algebra II**

**Length/Credit: Year/1.0**

**Course Description:** In Pre-calculus the student applies advanced algebraic concepts and problem-solving techniques, with and without technology, to find the solution of polynomial equations and inequalities. Areas of study are linear, quadratic, polynomial, rational, exponential, and logarithmic functions and their graphs, systems of equations and inequalities, technical literacy, trigonometry using rectangular and polar graphs, conic sections, sequences and series, probability and statistics, and limits. The student uses reasoning skills to investigate application models.

**Course Number: 38040**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

## **Pre-Calculus Bilingual**

**Grade Level(s): 10-12**

**Prerequisite: Algebra I, Geometry, Algebra II**

**Length/Credit: Year/1.0**

**Course Description:** In Pre-calculus the student applies advanced algebraic concepts and problem-solving techniques, with and without technology, to find the solution of polynomial equations and inequalities. Areas of study are linear, quadratic, polynomial, rational, exponential, and logarithmic functions and their graphs, systems of equations and inequalities, technical literacy, trigonometry using rectangular and polar graphs, conic sections, sequences and series, probability and statistics, and limits. The student uses reasoning skills to investigate application models.

**Course Number: 3804B**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

## **AP Pre-Calculus**

**Grade Level(s): 10-12**

**Prerequisite: Algebra I, Geometry, Algebra II**

**Length/Credit: Year/1.0**

**Course Description:** AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science, and data science.

**Course Number: 38052**

**Course Type: AP**

**Fee: None**

**NCAA: Yes**

**AP Pre-Calculus Bilingual****Grade Level(s): 10-12****Prerequisite: Algebra I, Geometry, Algebra II****Length/Credit: Year/1.0**

**Course Description:** AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science, and data science.

**Course Number: 38052b****Course Type: AP****Fee: None****NCAA: Yes****Transition to College Math****Grade Level(s): 11-12****Prerequisite: Algebra I, Geometry, Algebra II****Length/Credit: Year/1.0**

**Course Description:** In Transition to College Math the student approaches the basic concepts and techniques from Algebra I and Geometry through numerical computation in concrete problem settings. Graphing is used to strengthen numerical intuition and to give concrete representation of functional relationships. The goal is to increase the readiness of the student to do college-level work in mathematics, and therefore, to open career options to him/her that might otherwise remain closed.

**Course Number: 38010****Course Type: Regular****Fee: None****NCAA: No****Transition to College Math Bilingual****Grade Level(s): 11-12****Prerequisite: Algebra I, Geometry, Algebra II****Length/Credit: Year/1.0**

In Transition to College Math the student approaches the basic concepts and techniques from Algebra I and Geometry through numerical computation in concrete problem settings. Graphing is used to strengthen numerical intuition and to give concrete representation of functional relationships. The goal is to increase the readiness of the student to do college-level work in mathematics, and therefore, to open career options to him/her that might otherwise remain closed.

**Course Number: 38010b****Course Type: Regular****Fee: None****NCAA: No****Financial Literacy****Grade Level(s): 11-12****Prerequisite: Algebra I, Geometry, Algebra II****Length/Credit: Year/1.0**

**Course Description:** Financial Literacy as a mathematics course satisfies the fourth-year mathematics requirement and is designed to apply algebra, geometry, and consumer topics to real life. The student gains an understanding of finance in mathematical terms and gains confidence in his/her ability to manage money as it pertains to his/her personal life. Topics include, but are not limited to, saving and investing, banking and other financial services, credit and debt, income taxes, insurance and risk management, money management, and planning for retirement. The student acquires the consumer skills necessary to function productively and responsibly as he/she embarks on a new life that prepares him/her for a career, post graduate studies, the world of work, and independent living.

**Course Number: 38011****Course Type: Regular****Fee: None****NCAA: No****Distance Education Financial Literacy****Grade Level(s): 11-12****Prerequisite: Algebra I, Geometry, Algebra II****Length/Credit: Year/1.0**

**Course Description:** Financial Literacy as a mathematics course satisfies the fourth-year mathematics requirement and is designed to apply algebra, geometry, and consumer topics to real life. The student gains an understanding of finance in mathematical terms and gains confidence in his/her ability to manage money as it pertains to his/her personal life. Topics include, but are not limited to, saving and investing, banking and other financial services, credit and debt, income taxes, insurance and risk management, money management, and planning for retirement. The student acquires the consumer skills necessary to function productively and responsibly as he/she embarks on a new life that prepares him/her for a career, post graduate studies, the world of work, and independent living.

**Course Number: 38011DE****Course Type: Regular****Fee: None****NCAA: No**

## **Probability & Statistics**

**Grade Level(s):** 11-12

**Prerequisite:** Algebra I, Geometry, Algebra II

**Length/Credit:** Year/1.0

**Course Description:** This course requires student access to a graphing calculator.

Probability and Statistics presents basic concepts and techniques for collecting, summarizing and analyzing data, drawing conclusions, and making predictions. Applications may be drawn from a wide variety of disciplines ranging from the social sciences of psychology and sociology to education, allied health fields, business, economics, engineering, the humanities, the physical sciences, journalism, communications, and liberal arts. The student is able to design an experiment, collect appropriate data, select and use statistical techniques to analyze the data, and develop and evaluate inferences based on the data. Using manipulatives, graphing calculators and computer applications to develop concepts helps the student develop and attach meaning to abstract ideas. The skills and knowledge gained through this course can be applied to any career cluster as they are life skills that can ensure a student's success in daily activities that require crucial decisions that affect him/her personally.

**Course Number:** 38023

**Course Type:** Regular

**Fee:** None

**NCAA:** Yes

## **AP Statistics**

**Grade Level(s):** 11-12

**Prerequisite:** Algebra I, Geometry, Algebra II

**Length/Credit:** Year/1.0

**Course Description:** Advanced Placement Statistics introduces the student to the major concepts and tools for collecting, analyzing, and drawing conclusions from data using these four broad themes. Exploration:

1. Observing patterns and departure from patterns
2. Study design
3. Producing models using probability theory and simulation
4. Statistical inference

This course uses an interactive data collection. The student applies his/her knowledge of algebra and geometry to linear transformation of data, conducting surveys, and analyzing the results. The student builds his/her own studies using both proper and improper data analysis techniques; critiques studies conducted by other students and entitles, and makes suggested improvements.

Important Notes: It is not required, but strongly recommended, that the student purchase a TI83+ graphing calculator.

The Advanced Placement Statistics course is a basic introduction to statistics. The AP title is an indication that the course may be preparation for the AP exam but taking the exam is wholly optional.

**Course Number:** 38022

**Course Type:** AP

**Fee:** None

**NCAA:** Yes

## **Calculus**

**Grade Level(s):** 11-12

**Prerequisite:** Algebra I, Geometry, Algebra II

**Length/Credit:** Year/1.0

**Special Requirements:** *This course requires access to a graphing calculator.*

In Calculus the student applies advanced algebraic concepts and problem-solving techniques, with and without technology, to find the solution of polynomial equations and inequalities. Additional areas of study include, but are not limited to, linear, quadratic, polynomial, rational, exponential, and logarithmic functions and their graphs; systems of equations and inequalities; technical literacy; trigonometry using rectangular and polar graphs; and conic sections. The student also studies limits, differentiation, and definite and indefinite integration of functions and relations. The student uses reasoning skills to investigate application models and integrates literacy strategies throughout the curriculum.

**Course Number** 38051

**Course Type:** AP

**Fee:** None

**NCAA:** Yes

## **AP Calculus AB**

**Grade Level(s):** -12

**Prerequisite:** Algebra I, Geometry, Algebra II, Pre-Calculus or Honors Algebra II/Trigonometry

**Length/Credit:** Year/1.0

**Course Description:** In AP Calculus AB, the student studies limits, differentiation, and definite and indefinite integration of functions and relations. The student develops ideas from analysis throughout AP Calculus AB. The course prepares the student for the AB level Advanced Placement Exam in Calculus and as a result includes an extensive review of relevant topics.

Important Notes: It is not required, but strongly recommended, that the student purchase a TI83+ graphing calculator.

This calculus course consists of a full high school academic year of work that is comparable to a college-level calculus course. Students should have demonstrated mastery of material from algebra, geometry, coordinate geometry, and trigonometry, with study in areas to include, but not limited to, advanced topics in algebra, trigonometry, analytic geometry and elementary functions that are linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric and piecewise defined.

**Course Number:** 38080

**Course Type:** AP

**Fee:** None

**NCAA:** Yes

**AP Calculus BC****Grade Level(s): 11-12****Prerequisite: Algebra I, Geometry, Algebra II, AP Calculus AB****Length/Credit: Year/1.0**

**Course Description:** AP Calculus BC extends the concepts of limits, differentiation, and integration studied in AP Calculus AB to include sequences, infinite series, and parametric, polar and vector valued functions. More attention is given to techniques of integration using parts, trigonometric substitution, partial fractions, and improper integrals. Optional topics include vector analysis, developed to study lines, planes and surfaces in 3-dimensional space and/or advanced problem-solving techniques used in major mathematics contests. The student develops ideas from analysis throughout AP Calculus BC. The course prepares the student for the BC level Advanced Placement Exam in Calculus and as a result includes an extensive review of relevant topics.

Important Notes: It is not required, but strongly recommended, that the student purchase a TI83+ graphing calculator.

**Course Number: 38085****Course Type: AP****Fee: None****NCAA: Yes****AP Computer Science Principles****Grade Level(s): 11-12****Prerequisite: Algebra I, Geometry, Algebra II****Length/Credit: Year/1.0**

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world.

**Course Number: 66150****Course Type: AP****Fee: None****NCAA: Yes****AP Computer Science A****Grade Level(s): 11-12****Prerequisite: Algebra I, Geometry, Algebra II****Length/Credit: Year/1.0**

**Prerequisite:** Successful completion of Algebra 1 or higher or permission of instructor. AP Computer Science requires strong logical-reasoning skills. It is recommended that the student have successfully completed at least one honors math course. No prior experience with computer programming is necessary.

**Special Requirements:** *Students must have access to a computer during out-of-school hours, on which they can install software and complete course assignments.*

**Course Number: 65511****Course Type: AP****Fee: None****NCAA: Yes**

AP Computer Science A is an introductory course equivalent of a first-semester college-level course in computer science. The course emphasizes object-oriented programming methodology with a concentration on problem solving through the design and implementation of appropriate algorithms and data structures. In the course, the student is expected to code fluently in an object-oriented paradigm using the programming language Java. The student is expected to be familiar with and be able to use standard Java library classes from the AP Java subset. In addition, the student should be able to read and understand a large program consisting of several classes and interacting objects as well as read and understand a description of the design and development process leading to such a program. Also emphasized throughout the course is the ability to recognize ethical and social implications of computer use.

## **Science**

<b>Year</b>	<b>Recommended Courses</b>
<b>One</b>	<b>Strand A:</b> Biology I Biology I Bilingual AP Biology (recommended after successful completion of Biology I)
<b>Two</b>	<b>Strand B:</b> Chemistry I (recommended <i>after</i> successful completion of Algebra I) Chemistry I Bilingual AP Chemistry (recommended after successful completion of Chemistry I)
<b>Three</b>	<b>Strand C:</b> Physics I Physics I Bilingual AP Physics I AP Physics I Bilingual
<b>Four</b>	<b>Optional Science Electives: Check your school's offerings</b> Anatomy and Physiology Astronomy AP Physics (if not taken for Strand C) Other Electives

### **Biology I**

**Grade Level(s):** 9-12

**Length/Credit:** Year/1.0

**Course Description:** This laboratory course is designed to provide information regarding the fundamental concepts of life and life processes. Topics covered include, but are not restricted to, cell structure and function, biochemistry, genetics, ecology, evolution, taxonomy, and certain aspects of earth science. Reading, writing, and speaking strategies are inculcated in the course.

**Course Number:** 41111

**Course Type:** Regular

**NCAA:** Yes

### **Biology I Bilingual**

**Grade Level(s):** 9-12

**Length/Credit:** Year/1.0

**Course Description:** This laboratory course is designed to provide information regarding the fundamental concepts of life and life processes. Topics covered include, but are not restricted to, cell structure and function, biochemistry, genetics, ecology, evolution, taxonomy, and certain aspects of earth science. Reading, writing, and speaking strategies are inculcated in the course.

**Course Number:** 41111B

**Course Type:** Regular

**NCAA:** Yes

### **AP Biology**

**Grade Level(s):** 11-12

**Length/Credit:** Year/1.0

**Prerequisites:** Completion of Biology and Chemistry with a C or better is strongly recommended

**Fee:** \$30.00

**Course Description:** This laboratory course\* is designed to be the equivalent of a college introductory biology course taken by biology majors. It is an intense course of study stressing strong study skills, critical thinking skills, and time management skills. Topics of study include molecules, cells, heredity, evolution, organisms, populations, and ecology. Laboratory work is strongly emphasized, including DNA biotechnology, biochemistry, and population dynamics. At the completion of this course, the student is strongly encouraged to take the AP exam. The student who demonstrates sufficient qualification on this exam may receive college level credit and advance to upper level coursework in biology at the college level. The student is expected to complete some course assignments outside the school year (i.e., summer).

**Important Notes:** The College Board states that, "The AP Biology course is designed to be taken by students *after the successful completion of a first course in high school biology and one in high school chemistry* as well."

**Course Number:** 44131

**Course Type:** AP

**NCAA:** Yes



## **Chemistry I**

**Grade Level(s): 10-12**

**Length/Credit: Year/1.0**

**Prerequisite: Algebra I and Biology**

**Course Description:** This laboratory course is designed so the student studies chemistry and its applications, especially as applied to the impact on society. He/She investigates substances and how they react with one another. Concepts of study include, but are not limited to, scientific measurement, properties and structure of matter, atomic theory, classification and periodic trends, ionic and covalent bonding, chemical reactions, energy, nuclear chemistry, acids and bases, and solutions. In addition, the student studies how chemistry and Earth and space science are related. Concepts include, but are not limited to, electromagnetic radiation, radioactivity, the structure of the Earth, and groundwater. Scientific thinking and practice e.g., extensive laboratory activities, critical thinking, and problem solving), science and society, and literacy are integrated throughout all science courses.

**Course Number: 42111**

**Course Type: Regular**

**NCAA: Yes**

## **Chemistry I Bilingual**

**Grade Level(s): 10-12**

**Length/Credit: Year/1.0**

**Prerequisite: Algebra I and Biology**

**Course Description:** This laboratory course is designed so the student studies chemistry and its applications, especially as applied to the impact on society. He/She investigates substances and how they react with one another. Concepts of study include, but are not limited to, scientific measurement, properties and structure of matter, atomic theory, classification and periodic trends, ionic and covalent bonding, chemical reactions, energy, nuclear chemistry, acids and bases, and solutions. In addition, the student studies how chemistry and Earth and space science are related. Concepts include, but are not limited to, electromagnetic radiation, radioactivity, the structure of the Earth, and groundwater. Scientific thinking and practice e.g., extensive laboratory activities, critical thinking, and problem solving), science and society, and literacy are integrated throughout all science courses.

**Important Notes:** It is strongly recommended that the student has *successfully completed Algebra I* prior to taking Chemistry I.

**Course Number: 42111B**

**Course Type: Regular**

**NCAA: Yes**

## **AP Chemistry**

**Grade Level: 11-12**

**Length/Credit: Year/1.0**

**Fee: \$30.00**

**Prerequisites:** Successful Completion of Chemistry I and Algebra II is recommended

**Course Description:** This laboratory course is designed to be the equivalent of the general chemistry course usually taken during the first college year. The student attains a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The student acquires the abilities to think clearly and to express his/her ideas orally and in writing, with clarity and logic. The student examines the structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics. Laboratory work is strongly emphasized. At the completion of this course, the student is strongly encouraged to take the AP exam. The student who demonstrates sufficient qualifications on this exam may receive college level credit and advance to upper level coursework in chemistry at the college level. Students earn a weighted grade for this course.

**Important Note:** AP Chemistry is a Chemistry 2 course, and is designed to be taken by students *after the successful completion of a first course in high school chemistry*.

**Course Number: 44132**

**Course Type: AP**

**NCAA: Yes**

## **Physics I**

**Grade Level(s): 11-12**

**Length/Credit: Year/1.0**

**Prerequisite: Algebra I, Geometry, and Biology. Completion of Chemistry is recommended.**

**Course Description:** This laboratory course is designed as a study of the relationships between matter and energy. The student investigates topics of study that include, but are not restricted to the principles of motion, gravitation, heat, light, sound, electricity and magnetism, forces of nature, plate tectonics, and cosmology. As appropriate, these topics are examined at scales ranging from atomic to astronomical. The focus is on conceptual understanding and practical applications. Literacy strategies are integrated throughout the curriculum.

**Course Number: 43111**

**Course Type: Regular**

**NCAA: Yes**

## **Physics I Bilingual**

**Grade Level(s): 11-12**

**Length/Credit: Year/1.0**

**Prerequisite: Algebra I, Geometry, and Biology. Completion of Chemistry is recommended.**

**Course Description:** This laboratory course is designed as a study of the relationships between matter and energy. The student investigates topics of study that include, but are not restricted to the principles of motion, gravitation, heat, light, sound, electricity and magnetism, forces of nature, plate tectonics, and cosmology. As appropriate, these topics are examined at scales ranging from atomic to astronomical. The focus is on conceptual understanding and practical applications. Literacy strategies are integrated throughout the curriculum.

**Course Number: 43111B**

**Course Type: Regular**

**NCAA: Yes**

## **AP Physics I**

**Grade Level(s):** 11-12

**Length/Credit:** Year/1.0

**Prerequisite:** Algebra I, Geometry and taking concurrently Algebra II or higher. Although the Physics I course includes basic use of trigonometric functions, this understanding can be gained either in the concurrent math course or in the AP Physics I course itself.

**Course Description:** AP Physics I is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. 25% of the instructional time will be spent in hands-on laboratory work on inquiry-based laboratory investigations that provide students with opportunities to apply the science practices. No prior course work in physics is necessary. The students earn a weighted grade for the course. For students interested in careers in engineering or science, the recommended course of study is AP.

**Course Number:** 43171

**Course Type:** AP

**NCAA:** Yes

## **Social Studies**

### **Personal Financial Literacy (backed with Health)**

**Grade Level(9):** Grad Standard Year 2029

**Length/Credit:** Semester/0.5

**Course Description:** This course provides students with the fundamental knowledge and skills necessary to make informed financial decisions throughout their lives. Students will learn about personal finance topics such as goal setting and decision making, career planning, money management, and banking and credit. Through a variety of engaging activities, projects, and real-world simulations, students will develop the confidence and competence to navigate the financial landscape and achieve their financial goals

**Course Number:**15017

**Course Type:** Regular

### **New Mexico History**

**Grade Level(s):** 10-12 Grad Standard Years 2025-2028

**Length/Credit:** Semester/0.5

**Course Description:** New Mexico History is a semester-long survey course of the political, economic, social, cultural, and geographical features of New Mexico with an emphasis on the 20th century to the present. The student analyzes the role that New Mexico plays in national and international arenas. He/She applies and reconstructs his/her knowledge of the past to develop a historical perspective and uses that perspective when examining relationships of the political, economic, social, and cultural issues of today.

**Course Number:** 10043

**Course Type:** Regular

**NCAA:** Yes

### **New Mexico History Bilingual**

**Grade Level(s):** 10-12

**Length/Credit:** Semester/0.5

**Course Description:** New Mexico History is a semester-long survey course of the political, economic, social, cultural, and geographical features of New Mexico with an emphasis on the 20th century to the present. The student analyzes the role that New Mexico plays in national and international arenas. He/She applies and reconstructs his/her knowledge of the past to develop a historical perspective and uses that perspective when examining relationships of the political, economic, social, and cultural issues of today.

**Course Number:** 10043B

**Course Type:** Regular

**NCAA:** Yes

### **World History/Geography**

**Grade Level(s):** 10

**Length/Credit:** Year/1.0

**Course Description:** World History encompasses the study of diverse regions, cultures, communities, religions, institutions, and their development, growth, and interactions since the Renaissance. This course emphasizes continuity, as well as changes over time, and the outcomes produced by these processes. Themes include the development of economic, social, technological, and political trends, culminating in our present world. Reading, writing, speaking and research strategies are integrated throughout the course.

**Course Number:** 12019

**Course Type:** Regular

**NCAA:** Yes

### **World History/Geography Bilingual**

**Grade Level(s):** 10

**Length/Credit:** Year/1.0

**Course Description:** World History encompasses the study of diverse regions, cultures, communities, religions, institutions, and their development, growth, and interactions since the Renaissance. This course emphasizes continuity, as well as changes over time, and the outcomes produced by these processes. Themes include the development of economic, social, technological, and political trends, culminating in our present world. Reading, writing, speaking and research strategies are integrated throughout the course.

**Course Number:** 12011B

**Course Type:** Regular

**NCAA:** Yes

### **AP World History/Geography**

**Grade Level(s): 10**

**Length/Credit: Year/1.0**

**Course Description:** Advanced Placement World History emphasizes the evolution of global processes and contacts, in interaction with different types of human societies. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, focuses primarily on the past thousand years of global experience. This course highlights the nature of change and continuity in international frameworks, their causes and consequences. The student uses critical-thinking skills to demonstrate an understanding of major ideas, eras, themes, developments, and turning points in world history. The course emphasizes and develops close reading, writing, and research skills that are necessary for success in the class.

**Important Notes:** The student is encouraged to take the Advanced Placement examination. Many universities and colleges consider successful completion of the class and taking the exam as evidence of an academic commitment. Depending on the student's score and the policy of the university or college, the student may receive college credits.

**Course Number: 12013**

**Course Type: AP**

**NCAA: Yes**

### **AP World History/Geography Bilingual**

**Grade Level(s): 10**

**Length/Credit: Year/1.0**

**Course Description:** Advanced Placement World History emphasizes the evolution of global processes and contacts, in interaction with different types of human societies. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, focuses primarily on the past thousand years of global experience. This course highlights the nature of change and continuity in international frameworks, their causes and consequences. The student uses critical-thinking skills to demonstrate an understanding of major ideas, eras, themes, developments, and turning points in world history. The course emphasizes and develops close reading, writing, and research skills that are necessary for success in the class.

**Important Notes:** The student is encouraged to take the Advanced Placement examination. Many universities and colleges consider successful completion of the class and taking the exam as evidence of an academic commitment. Depending on the student's score and the policy of the university or college, the student may receive college credits.

**Course Number: 1201B**

**Course Type: AP**

**NCAA: Yes**

### **US History/Geography**

**Grade Level(s): 11**

**Length/Credit: Year/1.0**

**Course Description:** United States History and Geography is a survey course with a focus on post-Reconstruction United States (1877 – Present). Major emphasis is placed on American society, culture, and politics. The student uses critical thinking skills to demonstrate understanding of major ideas, eras, themes, developments, and turning points in the history of the United States.

**Course Number: 11011**

**Course Type: Regular**

**NCAA: Yes**

### **US History/Geography Bilingual**

**Grade Level(s): 11**

**Length/Credit: Year/1.0**

**Course Description:** United States History and Geography is a survey course with a focus on post-Reconstruction United States (1877 – Present). Major emphasis is placed on American society, culture, and politics. The student uses critical thinking skills to demonstrate understanding of major ideas, eras, themes, developments, and turning points in the history of the United States.

**Course Number: 11011B**

**Course Type: Regular**

**NCAA: Yes**

### **AP US History/Geography**

**Grade Level(s): 11**

**Length/Credit: Year/1.0**

**Course Description:** US History and Geography AP is a comprehensive course that covers the Discovery and Settlement of the New World to the Twenty-first Century. Major emphasis is placed on American society, culture, politics, and economics. The student uses critical thinking skills to demonstrate understanding of major ideas, eras, themes, developments, and turning points in the history of the United States. The course emphasizes and develops close reading, writing, and research skills that are necessary for success in the class. US History and Geography AP fulfills the U. S. History requirement for graduation.

**Important Notes:** The student is encouraged to take the Advanced Placement examination. Many universities and colleges consider successful completion of the class and taking the exam as evidence of an academic commitment. Depending on the student's score and the policy of the university or college, the student may receive college credits.

**Course Number: 11013**

**Course Type: AP**

**NCAA: Yes**

### **AP US History/Geography Bilingual**

**Grade Level(s): 11**

**Length/Credit: Year/1.0**

**Course Description:** US History and Geography AP is a comprehensive course that covers the Discovery and Settlement of the New World to the Twenty-first Century. Major emphasis is placed on American society, culture, politics, and economics. The student uses critical thinking skills to demonstrate understanding of major ideas, eras, themes, developments, and turning points in the history of the United States. The course emphasizes and develops close reading, writing, and research skills that are necessary for success in the class. US History and Geography AP fulfills the U. S. History requirement for graduation.

**Important Notes:** The student is encouraged to take the Advanced Placement examination. Many universities and colleges consider successful completion of the class and taking the exam as evidence of an academic commitment. Depending on the student's score and the policy of the university or college, the student may receive college credits.

**Course Number: 11013B**

**Course Type: AP**

**NCAA: Yes**

### **English 11 Humanities & U.S. History/Geography Humanities**

**Grade Level(s): 11**

**Recommended: English 10**

**Corequisites: Enrollment in U.S. History/Geography Humanities**

**Length/Credit: Year/1.0**

**Course Description:** American Humanities combines American literature, history, and fine arts to study the ideals and traditions of our cultural heritage. This two-credit program grants 1 credit in English and 1 credit in U.S. History (see Social Studies). Some enrichment activities, including field trips and research projects, are part of the program. Students will apply standard usage in speaking, listening, and writing through the reading of American literature. One half of the course work in English is devoted to composition. This course is recommended preparation for post-secondary education. With a Humanities or interdisciplinary approach, the student makes connections to corresponding time periods and themes through the study of U.S. History and/or other subject areas. Regardless of the approach(es) used, the student applies critical thinking skills through reading, speaking, viewing, and listening strands of language arts, through writing and research (50% of the course), and through the use of technology as a learning tool.

**Course Number: 21532/11020**

**Course Type: Regular**

**Fee: None**

**NCAA: Yes**

### **Government**

**Grade Level: 12**

**Length/Credit: Semester /0.5**

**Important note: This course is taken opposite of Economics/AP Economics**

**Course Description:** Government is a required course that provides the student with a framework for understanding the purposes, principles, and practices of American government as established by the United States Constitution. The student analyzes the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. In addition, he/she examines his/her rights and responsibilities as a citizen and how to exercise them as well as experience the political process at local, state, and national levels of governments.

**Course Number: 13011**

**Course Type: Regular**

**NCAA: Yes**

### **Distance Education Government**

**Grade Level: 12**

**Length/Credit: Semester /0.5**

**Important note: This course is taken opposite of Economics/AP Economics**

**Course Description:** Government is a required course that provides the student with a framework for understanding the purposes, principles, and practices of American government as established by the United States Constitution. The student analyzes the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. In addition, he/she examines his/her rights and responsibilities as a citizen and how to exercise them as well as experience the political process at local, state, and national levels of governments.

**Course Number: 13011DE**

**Course Type: Distance Ed**

**NCAA: Yes**

### **Government Bilingual**

**Grade Level: 12**

**Length/Credit: Semester /0.5**

**Important note: This course is taken opposite of Economics/AP Economics**

**Course Description:** Government is a required course that provides the student with a framework for understanding the purposes, principles, and practices of American government as established by the United States Constitution. The student analyzes the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. In addition, he/she examines his/her rights and responsibilities as a citizen and how to exercise them as well as experience the political process at local, state, and national levels of governments.

**Course Number: 1301B**

**Course Type: Regular**

**NCAA: Yes**

## **AP US Government/Politics**

**Grade Level(s): 12**

**Length/Credit: Semester/0.5**

**Important note: This course is taken opposite of Economics/AP Economics**

**Course Description:** U. S. Government and Politics - AP is a required course that provides the student with a framework for understanding the purposes, principles, and practices of American government as established by the United States Constitution. The Advanced Placement course in U.S. Government and Politics gives students an analytical perspective on government and politics in the United States. The course includes both the study of general concepts used to interpret U. S. politics and the analysis of specific examples. The course builds a familiarity with various institutions, groups, beliefs, and ideas that constitute U. S. politics. The student becomes acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. The student analyzes the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. In addition, he/she examines his/her rights and responsibilities as a citizen and how to exercise them as well as experience the political process at local, state, and national levels of governments.

**Important Notes:** The student is encouraged to take the Advanced Placement examination. Many universities and colleges consider successful completion of the class and taking the exam as evidence of an academic commitment. Depending on the student's score and the policy of the university or college, the student may receive college credits.

**Course Number: 13016**

**Course Type: AP**

**NCAA: Yes**

## **AP US Government/Politics Bilingual**

**Grade Level(s): 12**

**Length/Credit: Semester/0.5**

**Important note: This course is taken opposite of Economics/AP Economics**

**Course Description:** U. S. Government and Politics - AP is a required course that provides the student with a framework for understanding the purposes, principles, and practices of American government as established by the United States Constitution. The Advanced Placement course in U.S. Government and Politics gives students an analytical perspective on government and politics in the United States. The course includes both the study of general concepts used to interpret U. S. politics and the analysis of specific examples. The course builds a familiarity with various institutions, groups, beliefs, and ideas that constitute U. S. politics. The student becomes acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. The student analyzes the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. In addition, he/she examines his/her rights and responsibilities as a citizen and how to exercise them as well as experience the political process at local, state, and national levels of governments.

**Important Notes:** The student is encouraged to take the Advanced Placement examination. Many universities and colleges consider successful completion of the class and taking the exam as evidence of an academic commitment. Depending on the student's score and the policy of the university or college, the student may receive college credits.

**Course Number: 13016B**

**NCAA: Yes**

## **Economics**

**Grade Level(s): 12**

**Length/Credit: Semester/0.5**

**Important note: This course is taken opposite Government/AP Government**

**Course Description:** Economics is a semester course with an emphasis on the allocation of scarce resources and the economic reasoning used by government agencies and by people in various economic roles. The student examines topics such as scarcity, supply and demand, market structures, the role of government, money, the role of financial institutions, and international trade.

**Course Number: 15011**

**Course Type: Regular**

**NCAA: Yes**

## **Distance Education Economics**

**Grade Level(s): 12**

**Length/Credit: Semester/0.5**

**Important note: This course is taken opposite Government/AP Government**

**Course Description:** Economics is a semester course with an emphasis on the allocation of scarce resources and the economic reasoning used by government agencies and by people in various economic roles. The student examines topics such as scarcity, supply and demand, market structures, the role of government, money, the role of financial institutions, and international trade.

**Course Number: 15011DE**

**Course Type: Distance Ed**

**NCAA: Yes**

## **Economics Bilingual**

**Grade Level(s): 12**

**Length/Credit: Semester/0.5**

**Important note: This course is taken opposite Government/AP Government**

**Course Description:** Economics is a semester course with an emphasis on the allocation of scarce resources and the economic reasoning used by government agencies and by people in various economic roles. The student examines topics such as scarcity, supply and demand, market structures, the role of government, money, the role of financial institutions, and international trade.

**Course Number: 15011B**

**Course Type: Regular**

**NCAA: Yes**

## **AP Economics**

**Grade Level(s): 12**

**Length/Credit: Semester/0.5**

**Important note: This course is taken opposite Government/AP Government**

**Course Description:** Economics AP provides the student with an in-depth understanding of the principles of economics, primarily macroeconomics. The intent of the semester course is to prepare the student for the Macroeconomics AP exam. The course meets all the Economics standards as prescribed by the state. The focus of this course is on the principles of economics that relate to an economic system as a whole. Emphasis is placed on the study of national income and price determination. Economics AP introduces the student to economic performance measures, economic growth and international economics. In addition, the course provides the student with opportunities to apply literacy strategies and skills. The Economics AP course is based on The College Board guidelines.

**Important Notes:** It is recommended that the student has successfully completed Algebra II. See Macro/Micro AP. It is strongly recommended, but not required, that the student take the Macroeconomics AP exam. See Macro/Micro

**Course Number: 15015**

**Course Type: AP**

**NCAA: Yes**

## **Health**

### **Health (paired with Personal Financial Literacy)**

**Grade Level(s): 9**

**Length/Credit: Semester/0.5**

**Course Description:** In this required course, the students learn about all aspects of health and wellness through learning experiences that emphasize an increased awareness of health behaviors and their positive and negative consequences. Areas of study include, but are not limited to, health promotion, acquisition of health information, health behaviors, health factors, interpersonal communication skills, goal setting, and health advocacy. Literacy skills of reading, writing, speaking, viewing, and researching are integrated throughout the course.

**Course Number: 48010**

**Course Type: Regular**

**NCAA: Yes**

### **P.O.W.E.R. – Philosophy of Wellness that Enriches Relationships (paired with Personal Financial Literacy)**

**Grade Level(s): 9**

**Length/Credit: Semester/0.5**

**Course Description:** Philosophy of Wellness that Enriches Relationships (POWER) focuses on 'real life' problems. The student studies, analyzes, interprets, and evaluates universal topics. Components range from self-concept, self-analysis (Myers- Briggs), nutrition, brain research, multiple intelligence theory, learning styles, technology, mental, spiritual, physical, and sexual issues. The themes woven throughout the course balance independent learning, interest development, communication, critical thinking, ethical reasoning, leadership, interpersonal skills, creativity, and problem solving. Based on his/her research, analysis, synthesis, and evaluation each student begins to develop his/her own philosophy for life. Special topics include, but are not limited to exercise, nutrition, and food choices; weight control, and the consequences of obesity; sexuality (pregnancy and sexually-transmitted diseases); and addiction, addictive substances, and addictive behavior. The small class size supports discussion, creativity, and higher-level thinking skills. Skills and knowledge acquired in this course can be applied to the Health Science and the Human Services Career Clusters and their respective pathways.

**Course Number: 063TF**

**Course Type: Gifted**

**NCAA: Yes**

## **Physical Education**

Graduate Standard Year	PE Graduation Requirement Course Offerings
Up to Class of 2028	Foundations of PE
Class of 2029 and beyond	Foundations of PE, Weights I, Team and Individual Sports I, Yoga I, Lifetime Sports I, Athletics I, Aerobics I, Baile Folklorico, ROTC I, Marching Band (2 fall semesters)

### **Foundations of Physical Education**

**Grade Level(s): 9**

**Length/Credit: Year/1.0**

**Special Requirements:** *Students enrolled in this class will have a suitable change of clothing and shoes.*

**Course Description:** This course is a requirement for graduation. Foundations of physical education will be the focus with an emphasis on fitness concepts and activity objectives (skill, knowledge, and attitude) that will contribute to a lifetime commitment to activity and fitness.

**Course Number: 90000**

**Course Type: Regular**

### **Marines I**

**Level(s): 9**

**Length/Credit: Year/1.0**

**Course Description:** Marines I is a co-ed introductory course covering basic military terminology, essential subjects, leadership, academics, communication skills, health, physical fitness, drill and ceremony, and post-secondary educational and career exploration. Literacy strategies are integrated throughout the curriculum.

**Course Number: 09701**

**Course Type: Regular**

### **Marching Band I**

**Grade Level(s): 9**

**Length/Credit: Year/1.0 (Must complete 2 consecutive Fall semesters)**

**Recommended Prerequisite:** Permission of the instructor and concurrent enrollment in Wind Ensemble, Symphonic Band or Marching Auxiliary.

**Special Requirements:** *The student participates in regularly scheduled performances during and outside of the school day, a zero hour class, band camp during the summer months, and in fundraising activities. The student may pay a course fee for materials, supplies, out of town travel, and instrument maintenance and, additionally pays for uniform costs and some out of school activities.*

Marching Band is an advanced performance course for students with experience on standard woodwind brass or percussion instruments. Marching Band teaches the advanced techniques of tone production, articulation, intonation, instrument care and maintenance, general musicianship, and musical literacy. The student performs within the tradition and standards of a wind ensemble using graded music III+ through V. The student provides instruments and accessories although some school instruments may be available for student use. The student practices regularly at home. He/She participates in regularly scheduled performances during and outside of the school day in appropriate performance attire. Literacy is integrated throughout the course. Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment Career Cluster.

**Course Number: 7303F**

**Course Type: Regular**

### **Lifetime Sports I**

**Course Number: 90100**

**Grade Level(s): 9**

**Course Type: Regular**

**Length/Credit: Year/1.0**

**Special Requirements:** *Fees for field trips may be charged. The class will go on field trips during the year.*

**Course Description:** Emphasis is placed on learning and improving techniques, skills, and strategies in lifetime sports: bowling, golf, badminton, angling, racquet handball, archery, table tennis, tennis as well as some team activities. This class uses a variety of trips to expose the student to a number of lifetime activities. Trips to the golf course, archery lanes, rock climbing gym, and bowling alley allow the students to improve their skills and strategies in those activities. Units in mountaineering, fishing, and orienteering expose the students to a number of non-traditional physical education activities they can utilize after they have graduated.

### **Team & Individual Sports I**

**Course Number: 90160**

**Grade Level(s): 9**

**Course Type: Regular**

**Length/Credit: Year/1.0**

**Special Requirements:** *Fees for field trips may be charged. The class will go on field trips during the year.*

**Course Description:** Team and Individual Sports emphasizes learning and improving techniques, skills, and strategies in team and individual sports, and prepares the student to aid with teaching and coaching sports to young children. The student is introduced to at least six of the following sports or activities, but not limited to: badminton, European handball, flag football, soccer, basketball, tennis, lacrosse, ultimate Frisbee, racquetball, and softball. Literacy strategies are integrated throughout the course. Skills and knowledge acquired in this course apply to the education and training career cluster, teaching/training pathway which includes sports administration and sports management, and sports officiating. T & I knowledge and skills are also supportive of the Health Sciences cluster, specifically supporting the therapeutic services and diagnostics services pathways.

### **Weight Training I**

**Course Number: 90421**

**Grade Level(s): 9**

**Course Type: Regular**

**Length/Credit: Year/1.0**

**Special Requirements:** *Lifting belts are recommended. Suitable workout clothing and shoes are required.*

**Course Description:** Weight Training I is a basic weight training course. Topics the students will investigate are strength training principles, routines, and fundamental techniques and methods of lifting for the development of major muscle groups, nutrition, and diet information including the use of supplements.

### **Yoga I**

**Course Number: 90450**

**Grade Level(s): 9**

**Course Type: Regular**

**Length/Credit: Year/1.0**

**Special Requirements:** *Individual mat and proper athletic gear.*

**Course Description:** This course combines movements from Yoga and Pilates. The focus of this class is on motor learning strategies, body awareness, stress reduction, breath work, balance, and functional movement. The student gains muscular strength, endurance, and flexibility. Areas of study include, but are not limited to, movement forms, movement concepts and principles, physically active lifestyle, physical fitness, personal and social behaviors, cultural awareness, and personal enjoyment. Reading, writing, speaking, and research strategies are integrated throughout the course.

### **Aerobics/Body Conditioning I**

**Course Number: 90446**

**Grade Level(s): 9**

**Course Type: Regular**

**Length/Credit: Year/1.0**

**Special Requirements:** *Lifting belts are recommended. Suitable workout clothing and shoes are required.*

**Course Description:** Aerobics/Body Conditioning is designed for the student who is earnest about strength development. The students must demonstrate knowledge of safety, spotting techniques, styles of lifting, and strength development programs. Competitive training techniques will be emphasized along with recent trends in strength training.

### **Baile Folklórico I**

**Course Number: 61040**

**Grade Level(s): 9**

**Course Type: Regular**

**Length/Credit: Year/1.0**

**Course Description:** Mexican Folk Dance, Culture and Music I provides the student with the opportunity to become aware of the history, culture, music, and geographic regions that Mexican dance encompass. The student learns basic elements of traditional Mexican, New Mexican and other folk dances. The student acquires knowledge of dance steps, choreography, music, skirt work, and costuming from the different regions of Mexico. The student is expected to participate in dance performances.

### **Interscholastic Athletics**

**Course Number: 9241A-M**



**Grade Level(s): 9**

**Course Type: Regular**

**Length/Credit: Year/1.0**

**Credit for Physical Education and permission of instructor**

**Special Requirements:** *Enrollment in this course is limited to student athletes who are eligible to participate in a school-sponsored athletic program. Participation in competitions is required. The student may be expected to purchase personal equipment or supplies, provide evidence of a physical examination, and comply with all requirements of APS and New Mexico Activities Association for participation in the sport.*

**Course Description:** The course will focus on knowledge of rules, safety issues, proper technique in performing skills, and building personal strength, endurance, and flexibility.

Course	Albuquerque	Atrisco	Cibola	Del Norte	Eldorado	Highland	La Cueva	Manzano	Rio Grande	Sandia	Valley	Volcano Vista	West Mesa
ENGLISH 09	X	X	X	X	X	X	X	X	X	X	X	X	X
ENGLISH 09 HON	X	X	X	X	X	X	X	X	X	X	X	X	X
ENG 9/ELD 1/2 & 3/4	X	X	X	X	X	X	X	X	X	X	X	X	X
ENGLISH 10	X	X	X	X	X	X	X	X	X	X	X	X	X
ENGLISH 10 HON	X	X	X	X	X	X	X	X	X	X	X	X	X
AP SEMINAR ELA 10	X		X			X	X		X		X		
ENG 10/ELD 1/2 & 3/4	X	X	X	X	X	X	X	X	X	X	X	X	X
ENGLISH 11	X	X	X	X	X	X	X	X	X	X	X	X	X
ENG 11 HUMANITIES			X			X	X	X	X				
AP ENG LNG COMP 11	X	X	X	X	X	X	X	X		X	X	X	X
AP ENG LIT COMP 11	X	X				X		X		X	X		
AP SEMINAR ELA 11			X			X	X						
ENG 11/ELD 1/2 & 3/4	X	X	X	X	X	X	X	X	X	X	X	X	X
ENGLISH 12	X	X	X	X	X	X	X	X	X	X	X	X	X
AP ENG LIT COMP 12	X	X	X	X	X	X	X		X	X	X	X	X
AP ENG LNG COMP 12	X	X				X		X			X		
AP RESEARCH ELA 12			X			X							
ENG 12/ELD 1/2 & 3/4	X	X	X	X	X	X	X	X	X	X	X	X	X
FILM CRITICISM ELA 12	X	X	X	X		X	X	X	X	X	X	X	X
CREATIVE WRT II ELA 12	X	X			X	X					X	X	
CRIME/PUNISHMNT ELA 12			X		X	X		X	X	X		X	X
SHAKESPEARE ELA 12						X							
BIBLE LIT ELA 12						X	X		X				
COLLEGE PREP COMPOSITION .5				X		X			X				
MYTH/FLKLRINLIT .5			X		X	X		X	X				
ALGEBRA I	X	X	X	X	X	X	X	X	X	X	X	X	X
ALGEBRA I BIL	X	X		X		X		X					X
ALGEBRA I HON	X	X	X	X	X	X	X	X	X	X	X	X	X
ALGEBRA I HON BIL	X	X						X					
GEOMETRY	X	X	X	X	X	X	X	X	X	X	X	X	X
GEOMETRY BIL	X	X		X		X		X					X
GEOMETRY HON	X	X	X	X	X	X	X	X	X	X	X	X	X
GEOMETRY HON BIL	X	X						X					
ALGEBRA II	X	X	X	X	X	X	X	X	X	X	X	X	X
ALGEBRA II BIL	X	X		X		X		X					X
ALGEBRA II/TRIG HON	X	X	X	X	X	X	X	X	X	X	X	X	X
TRIGONOMETRY													
TRIGONOMETRY SEM													
FINANCIAL LIT	X		X	X	X	X	X		X	X	X	X	X
TRNS TO COLMATH	X		X			X	X	X	X				
TRNS TO COLMATH BIL	X												
PROB & STATS	X	X	X		X	X	X		X		X	X	X
AP STATISTICS	X		X	X	X	X			X		X		
PRE CALCULUS	X	X		X	X	X	X	X	X	X	X	X	X
PRE CALCULUS BIL	X	X		X				X					X
AP PRE CALCULUS		X	X	X		X	X		X	X		X	X
AP PRE CALCULUS BIL		X						X					
CALCULUS			X			X							
AP CALC AB	X	X	X		X	X	X	X	X	X	X	X	X
AP CALC BC	X		X		X		X	X		X		X	
BIOLOGY I	X	X	X	X	X	X	X	X	X	X	X	X	X
BIOLOGY BIL	X	X		X		X			X				X

Course	Albuquerque	Artesco	Cibola	Del Norte	Eldorado	Highland	La Cueva	Manzano	Rio Grande	Sandia	Valley	Volcano Vista	West Mesa
CHEMISTRY I	X	X	X	X	X	X	X	X	X	X	X	X	X
CHEMISTRY BIL	X	X		X		X			X				X
AP CHEMISTRY	X				X		X	X		X			
PHYSICS I	X	X	X	X	X	X	X	X	X	X	X	X	X
PHYSICS BIL	X	X		X		X			X				X
AP PHYSICS I			X	X	X	X	X	X	X	X	X	X	X
AP PHYSICS II							X			X			
NM HISTORY	X	X	X	X	X	X	X	X	X		X	X	X
NM HISTORY BL	X												X
W HIST/GEOG	X	X	X	X	X	X	X	X	X	X	X	X	X
W HIST/GEOG BIL	X	X				X			X		X		X
AP W HIST/GEOG	X	X	X	X	X	X	X	X	X	X	X	X	X
AP W HIST/GEOG BIL	X	X							X				X
US HIST/GEO	X	X	X	X	X	X	X	X	X	X	X	X	X
US HIST/GEO BIL	X	X				X			X		X		X
US HIST/GEO HUMANITIES							X			X			
AP US HIST/GEO	X	X	X	X	X	X	X	X	X	X	X	X	X
AP US HIST/GEO BIL	X	X							X				X
ECONOMICS	X	X	X	X	X	X	X	X	X	X	X	X	X
ECONOMICS BIL	X	X				X			X				X
AP ECON SEM	X		X	X	X	X	X			X	X	X	
GOVERNMENT	X	X	X	X	X	X	X	X	X	X	X	X	X
GOVERNMENT BIL	X	X				X			X				X
AP US GOV/POL	X	X	X	X	X	X	X	X	X	X	X	X	X
AP US GOV/POL BIL		X			X	X			X				X
FOUNDATIONS PE	X	X	X	X	X	X	X	X	X	X	X	X	X
WEIGHTS I	X	X	X	X	X	X	X	X	X	X	X	X	X
TEAM AND INDIVIDUAL SPORTS I	X		X	X	X	X	X	X	X	X		X	X
YOGA I	X	X	X		X	X	X	X	X	X		X	X
LIFETIME SPORTS I		X	X	X		X	X			X	X		X
AEROBICS I			X					X				X	X
BAILE FOLKLORICO I	X	X		X		X			X				X
JROTC/MJROTC I	X	X	X	X	X	X	X	X	X	X	X	X	X
MARCHING BAND/AUX (2SEM)	X	X	X	X	X	X	X	X	X	X	X	X	X
ATHLETICS I		X	X	X	X	X	X	X	X		X	X	X

## CAREER CONNECTED LEARNING

The Career & Connected Learning Department was created at La Cueva High School to provide an interdisciplinary pathway for the life-long learner. With modern technologies playing a major role in the educational process, students participate in hands-on learning experiences, which assist them in developing marketable skills. The department works closely within a technology alliance, which includes educational institutions, businesses, and governmental agencies at the local, state, and national levels. This alliance allows for the students to be taught in an environment that is consistent with industry standards and allows them to gain marketable skills, which can be utilized, regardless of their chosen postsecondary pathway. Various courses utilize “vendor neutral” (i.e., generic concepts which can be implemented regardless of the manufacturer of the networking equipment or software) assessment tools to demonstrate credentials to potential employers. The following clusters represent the department and there are 3 possible pathways students can enter if they so choose (see pages 86-88)

### Design/Pre-Construction Pathway

The Design/Pre-Construction Pathway is designed to introduce students to potential careers in Architecture and Construction. Students may choose from two different programs of study within this Pathway depending on his/her interests. Courses are designed to prepare students for one of numerous careers in Architecture and Construction.

<b>Core Classes</b>	<b>ELA</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>	<b>Elective</b>	<b>Elective</b>	<b>Elective</b>
<b>Freshman</b>	English 9	Algebra I	Biology	Health/NM History	Physical Education (Required)	Student Choice	Student Choice
<b>Sophomore</b>	English 10	Geometry	Chemistry	World History	Student Choice	Student Choice	Student Choice
<b>Junior</b>	English 11	Algebra II	Physics	US History	Student Choice	Student Choice	Student Choice
<b>Senior</b>	English 12	Student Choice	N/A	Gov/Econ	Student Choice	Student Choice	Student Choice

\*Most core classes have Honors/AP Options

\*Math options will vary based on student level

#### **CAD Architecture**

#### **CAD Engineering**

<b>Year 1:</b> CAD Arch I	<b>Year 1:</b> CAD Eng I
<b>Year 2:</b> CAD Arch II	<b>Year 2:</b> CAD Eng II
<b>Year 3:</b> CAD Arch III	<b>Year 3:</b> CAD Eng III
<b>Year 4:</b> CAD Arch IV or Drafting Co-OP or Drafting-Other	<b>Year 4:</b> CAD Eng IV or Drafting Co-OP or Drafting-Other

- 4th Year Math classes that support the pathway: Pre-Calculus, Calculus, AP Calculus AB or BC
- Additional Electives that support the pathway: Robotics, Art, Painting and Drawing, Ceramics, AP Physics I and II.

## Construction Pathway

The Construction Pathway is designed to introduce students to potential careers in Architecture and Construction. Courses are designed to prepare students for one of numerous careers in Architecture and Construction.

<b>Core Classes</b>	<b>ELA</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>	<b>Elective</b>	<b>Elective</b>	<b>Elective</b>
<b>Freshman</b>	English 9	Algebra I	Biology	Health/NM History	Physical Education (Required)	Student Choice	Student Choice
<b>Sophomore</b>	English 10	Geometry	Chemistry	World History	Student Choice	Student Choice	Student Choice
<b>Junior</b>	English 11	Algebra II	Physics	US History	Student Choice	Student Choice	Student Choice
<b>Senior</b>	English 12	Student Choice	N/A	Gov/Econ	Student Choice	Student Choice	Student Choice

\*Most core classes have Honors/AP Options

\*Math options will vary based on student level

### Carpentry (Woods)

<b>Year 1:</b> NCCER Core Curriculum-Intro
<b>Year 2:</b> NCCER Carpentry II (Woods)
<b>Year 3:</b> NCCER Carpentry III (Woods)
<b>Year 4:</b> NCCER Carpentry IV or Construction Trades-Internship or Construction Trades-Other

- 4th Year Math classes that support the pathway: Pre-Calculus, Calculus, AP Calculus AB or BC
- Additional Electives that support the pathway: Robotics, Art, Painting and Drawing, Ceramics, and AP Physics I and II.

## Marketing Pathway

The Marketing Pathway is designed to introduce students to potential careers in Marketing and Marketing Management. Courses are designed to prepare students for one of numerous careers in Marketing.

<b>Core Classes</b>	<b>ELA</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>	<b>Elective</b>	<b>Elective</b>	<b>Elective</b>
<b>Freshman</b>	English 9	Algebra I	Biology	Health/NM History	Physical Education (Required)	Student Choice	Student Choice
<b>Sophomore</b>	English 10	Geometry	Chemistry	World History	Student Choice	Student Choice	Student Choice
<b>Junior</b>	English 11	Algebra II	Physics	US History	Student Choice	Student Choice	Student Choice
<b>Senior</b>	English 12	Student Choice	N/A	Gov/Econ	Student Choice	Student Choice	Student Choice

\*Most core classes have Honors/AP Options

\*Math options will vary based on student level

## Marketing Management

<b>Year 1:</b> Principles of Marketing-Fundamentals
<b>Year 2:</b> Marketing Management
<b>Year 3:</b> Marketing Lab Advanced
<b>Year 4:</b> Marketing-Mentorship/Internship or Marketing Work Experience-Co-Op or Marketing-Other

- 4th Year Math classes that support the pathway: Financial Literacy, Probability and Statistics, AP Statistics
- Additional Electives that support the pathway: Accounting I and II, Senate, Creative Writing I and II, Journalism, Newspaper, Yearbook, Computer Graphics, Photography, and Digital Film.

<b>INFORMATION TECHNOLOGY CLUSTER</b>
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**The following course can be taken as core classes or as elective credit. Please see page 38 for the course description and requirements.**

## **AP Computer Science A**

### **AP Computer Science Principles**

#### **COMPUTER SCIENCE PROGRAMMING (Intro to Computer Science) – 66142**

**1 Year**

**Grades: 9 - 12**

Computer Science and Programming provides the background knowledge and skills to construct computer programs in one or more languages. Computer coding and program structure are often introduced with the Java language, but other computer languages may be used instead. Initially, students learn to structure, create, document, and debug computer programs. In advanced courses, more emphasis is placed on design skills for relevant applications such as modeling, data management, graphics, and text processing.

#### **GUIDED STUDY I – 53001 (ADVANCED TOPICS IN COMPUTER SCIENCE)**

**1 Year**

**Grades: 11 – 12**

**Course Fee:** \$20.00/year

The teacher recognizes that the characteristics of successful guided study students include the motivation, commitment, organizational skills, and academic skills necessary to work somewhat independently. As necessary, the teacher assists motivated and committed students in strengthening their organizational and academic skills so they can work independently, meets daily in the class setting to provide needed instruction, adequately judge student progress, and make appropriate modifications on student progress, and provides support for parents/guardians, and other responsible adults who are considered and/or work with guided study students.

The student designs a Guided Study program so he/she explores and acquires a strong knowledge base in an area of individual interest; exercises independence in learning; develops basic research skills and study skills; develops skills specific to an area of individual interest; develops a variety of presentation and communication skills; develops critical thinking and problem solving skills, explores career fields of individual interest; develops goal setting and decision making skills; and practices time management and organizational skills.

***Important Note:** This will be a guided project-based exploration of Computer Science and programming. Topics include theoretical and applied aspects of Computer Science and will combine guided research with a significant individual or group project component. Discussions will include AI, Quantum Computing, Data Science and algorithms. Prerequisite: AP Computer Science A*

#### **CAREER KICKSTART CYBERSECURITY 1: NETWORKING FUNDAMENTALS - 66141**

**1 Year**

**Grades: 9-12**

This is a full-year high school course that covers the fundamentals of networking. It is equivalent to a college-level Introduction to Networking course. The course interweaves essential networking concepts with relevant, hands-on problem-solving activities to maximize students' understanding of network hardware and configuration, the use of protocols to enable reliable and accurate transmission of data between different hosts around the world, and relevant security practices that secure the transmission of data both within and between computer networks.

Career Kickstart is a new career-focused program, offered by The College Board, that leads to credentials and college credit for all students who want to prepare for a career, whether they are heading to 2- or 4-year colleges, technical schools, or the workforce. With a focus on high-demand fields like cybersecurity, Career Kickstart brings the best of AP to courses designed for career and technical education.

<b>ARTS, A/V TECHNOLOGY &amp; COMMUNICATION CLUSTER</b>
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**COMPUTER GRAPHICS – 71570****1 Year****Grades:** 9 – 12**Course Fee:** \$20.00/year

Computer Graphics I offer the student a new medium with which to create art. The student learns the basics of visual design elements and principles, learns to use the computer as a visual design medium, and develops skill, confidence, and sensitivity in applying knowledge of art media and techniques to the production of artwork. The student receives training in industry standard programs (e.g., Adobe Photoshop) in addition to a vector-based graphics program. The production of computer art is applied to various other content areas and acquired skills are related to careers in art and other fields that now require computer graphics capabilities. Areas of study are visual design, conventions and history, technical literacy, visual communication, career awareness, and preparation of work for public display.

**COMPUTER GRAPHICS II – 71572****1 Year****Grades:** 10 - 12**Prerequisite:** Computer Graphics I**Course Fee:** \$20.00/year

Computer Graphics II offers the student an opportunity to explore computer graphics applications with a bent toward mastery of advanced technical skills and concepts. The student continues to apply the basics of visual design elements and principles, to use the computer as a visual design medium, and to enhance his/her skill, confidence, and sensitivity in applying advanced knowledge of art media and techniques to the creation of graphic products. The student receives training in industry standard programs (e.g., Adobe Photoshop) in addition to a vector-based graphics program. Advanced skills are learned through a variety of applications. Areas of study are visual design, conventions and history, technical literacy, visual communication, career awareness, and preparation of work for public display.

**COMPUTER GRAPHICS III – 71574****1 Year****Grades:** 11 - 12**Prerequisite:** Computer Graphics II**Course Fee:** \$20.00/year

Computer Graphics III offers the student an opportunity to further study computer graphics applications with emphasis on mastery of advanced technical skills and concepts. The student continues to apply visual design elements and principles, to use the computer as a visual design medium, and to gain proficiency, confidence, and sensitivity in applying advanced knowledge of art media and techniques to the creation of graphic products. Advanced skills are learned through a variety of applications. Areas of study are visual design, conventions and history, technical literacy, visual communication, career awareness, and preparation of work for public display. Emphasis is placed on creating an individualized body of work which represents a personal exploration of viewpoints.

**COMPUTER GRAPHICS IV – 71576****1 Year****Grades:** 12**Prerequisite:** Computer Graphics III**Course Fee:** \$20.00/year

Computer Graphics IV offers the student an opportunity to demonstrate a high level of competency in graphics applications with an emphasis on professional portfolio development. The student develops an individual style through a variety of graphic applications. Areas of study are visual design, conventions and history, technical literacy, visual communication, career awareness, and preparation of work for public display. Emphasis is placed on creating an individualized body of work which represents a personal exploration of viewpoints.

**1 Year**



## DIGITAL FILM PRODUCTION I – 71581

**Grades:** 9 – 12

**Special Requirements:** *May be required to pay for some out-of-school activities. The student participates in regularly scheduled events during and outside of the school day. The student and the parent sign a use of equipment contract and a media release form. This course satisfies the graduation requirement that a student must earn one (1) career cluster, workplace readiness or language credit.*

**Course Fee:** \$10.00/year

Film/Videotape exposes students to the materials, processes, and artistic techniques involved in film or videotape. Students learn about the operation of a camera, lighting techniques, camera angles, depth of field, composition, storyboarding, sound capture, and editing techniques. Course topics may also include production values and various styles of filmmaking (documentary, storytelling, news magazines, animation, and so on). As students advance, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic style. In order to develop each student's style and artistic eye, major filmmakers, cinematographers, and their films may also be studied.

## DIGITAL FILM PRODUCTION II – 71582

**1 Year**

**Grades:** 10 - 12

**Prerequisite:** Digital Film Production I

**Special Requirements:** *May be required to pay for some out-of-school activities. The student participates in regularly scheduled events during and outside of the school day. The student and the parent sign a use of equipment contract and a media release form. This course satisfies the graduation requirement that a student must earn one (1) career cluster, workplace readiness or language credit.*

**Course Fee:** \$10.00/year

Digital Film Production II focuses on the mastery of intermediate knowledge, skills and concepts related to film production. The student develops advanced techniques and applies them to individual, collaborative and community-based projects. The student continues to investigate and analyze current trends in filmmaking, including career opportunities, contemporary technical and aesthetic considerations. The student analyzes and applies best practices to film production projects, and evaluates their effectiveness in field productions. Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment career cluster.

## DESIGN/PRE-CONSTRUCTION PATHWAYS

### ARCHITECTURE DESIGN I - 80333

**1 Year**

**Grades:** 9-12

**Course Fee:** \$20.00/year

In Architectural Design 1, the student develops drafting techniques to study the basic principles of residential building design and construction with an emphasis on measurement, basic CAD commands, and employability skills. The student produces hand drawn and/or computer-generated designs, and projects, and architectural models. Career interests are explored.

[https://drive.google.com/file/d/1kYJxIZSicpsx3NS5ovUf7lpa3Nkq5\\_G/view?usp=sharing](https://drive.google.com/file/d/1kYJxIZSicpsx3NS5ovUf7lpa3Nkq5_G/view?usp=sharing)

### ARCHITECTURE DESIGN II - 80334

**1 Year**

**Grades:** 10-12

**Prerequisite:** Architecture Design I

**Course Fee:** \$20.00/year

In Architectural Design 2, the student develops a set of house plans using computers in drawing and problem-solving activities. The student incorporates advanced commands into his/her projects and integrates general employability skills with architectural coursework. Students develop representative architectural working drawings using appropriate conventions of graphics, dimensions, and notation systems.

## **ARCHITECTURE DESIGN III - -- DIRECTED STUDIES 80347**

**1 Year**

**Grades:** 11-12

**Prerequisite:** Architecture Design II

**Course Fee:** \$20.00/year

The student pursues advanced directed study in an area of architectural graphics, building on the skills developed in CAD Architecture 2. The student produces a project(s) which demonstrates knowledge of architecture content guided by the instructor. He/She has the ability to work independently, to form goals, become familiar with careers and develop work habits of professionals. Literacy is integrated throughout the course.

## **ARCHITECTURE DESIGN IV-- INDEPENDENT STUDIES 80349**

**1 Year**

**Grades:** 12

**Prerequisite:** Architecture Design III

**Course Fee:** \$20.00/year

The student pursues advanced individual study in an area of architectural graphics through an industry work-site experience or through an independent and instructor guided project. The student assumes responsibility for identifying, pursuing, and culminating an activity that expands knowledge about some phase of the architecture industry. He/She researches career fields and employability requirements that fit the skills developed in this course. Literacy is integrated throughout the course.

## **ENGINEERING DESIGN 1 – 80331**

**1 Year**

**Grades:** 9 - 12

**Course Fee:** \$20.00/year

In Engineering Design 1, the student studies the process of converting ideas and designs into technical drawings and communicates these ideas through drafting techniques. The student achieves understanding of the design and communication process by understanding traditional drafting techniques and increasing productivity through the use of computers. Career interests are explored.

## **ENGINEERING DESIGN II – 80332**

**1 Year**

**Grades:** 10 - 12

**Prerequisite:** Engineering Design I

**Course Fee:** \$20.00/year

In CAD Engineering 2, the student utilizes the computer to learn advanced drafting techniques while applying drafting theories and standards to solve design problems. The student focuses on the integration of general employability skills with the course design problems.

## **ENGINEERING DESIGN III – DIRECTED STUDIES – 80346**

**1 Year**

**Grades:** 11 - 12

**Prerequisite:** Engineering Design II

**Course Fee:** \$20.00/year

The student pursues advanced directed study in an area of engineering graphics, building on the skills developed in CAD Engineering 1 & 2. The student produces a project(s), which demonstrates knowledge of engineering content guided by the instructor. He or she has the ability to work independently to form goals, become familiar with careers, and develop work habits of professionals. Opportunity to receive dual credit with UNM's Mechanical Engineering Department.

## **ENGINEERING DESIGN IV-- INDEPENDENT STUDIES – 80348**

**1 Year**

**Grades:** 12

**Prerequisite:** Engineering Design 3

**Course Fee:** \$20.00/year

The student pursues advanced individual study in an area of engineering graphics through an industry work-site experience or through an independent and instructor guided project. The student assumes responsibility for identifying, pursuing, and culminating an activity that expands knowledge about some phase of the engineering industry. He or she researches career fields and employability requirements that fit the skills developed in this course. Opportunity to receive dual credit with UNM's Mechanical Engineering Department.

## MARKETING MANAGEMENT & FINANCE PATHWAYS

### ACCOUNTING – 84323

1 Year

**Grades:** 10 - 12

**Course Fee:** \$20.00/year

This introductory course covers fundamentals of the double-entry accounting cycle.

Students will learn the basics for setting up an accounting system for a single proprietorship and a partnership. Accounting covers an introduction into financial accounting with a general overview of the accounting field. The primary focus of Accounting is the accounting cycle. A nine week period is set aside, usually the first nine weeks of the second semester, for personal finance. Why an accountant and not a bookkeeper? An accounting simulation project will be completed. Basic accounting computer applications are introduced. Expertise from businesses will provide practical information relating to accounting and business practices in a global community. The N.M. State Society of CPA's provides an integral part of our community interface, i.e., speakers, awards and learning materials.

### ADVANCED ACCOUNTING – 84324

1 Year

**Grades:** 11 - 12

**Prerequisite:** Accounting

**Course Fee:** \$20.00/year

This course provides the transition from manual accounting principles to a computerized accounting system. This system includes computerized journal and ledger initiation, spreadsheets, and chart applications. An overview of business ethics will be incorporated. Practical applications may be available through business internship, school-related accounting services, and co-curricular organizations. Advanced Accounting takes an in-depth look at financial accounting as it builds on those topics presented in Accounting. Emphasis will be placed on the development and uses of financial statements. Students are usually assigned to work on a real world accounting issue that is currently impacting the schools. Expertise from businesses will provide practical information relating to accounting and business practices in a global community through involvement by the State Society of CPAs.

### PRINCIPLES OF MARKETING – 84309 (Year 1)

1 Year

**Grades:** 9 - 12

**Special Requirements:** *Membership in DECA, a co-curricular organization, is required. DECA prepares emerging leaders and entrepreneurs in the areas of marketing, finance, hospitality, and management. (www.deca.org) \$20.00/year membership fee will be charged to cover local, state, and national fees. Additional costs may be incurred for competition and travel. Successful completion of Principles of Marketing and Marketing Management fulfills the Economics graduation requirement. This course satisfies the graduation requirement that a student must earn one (1) career cluster; workplace readiness or language credit.*

Principles of Marketing -Principles focuses on a variety of topics related to providing goods and services, such as market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management entrepreneurship and pricing and packaging. Human relations, employability skills, computers, math skills, and economics are also covered. Job and career exploration to include work site experiences are an integral emphasis of Principles of Marketing.

### MARKETING MANAGEMENT (ECONOMICS) – 84315 (Year 2)

1 Year

**Grades:** 10 - 12

**Prerequisite:** Principles of Marketing

**Special Requirements:** *Membership in DECA, a co-curricular organization, is required. DECA prepares emerging leaders and entrepreneurs in the areas of marketing, finance, hospitality, and management. (www.deca.org) \$20.00/year membership fee will be charged to cover local, state, and national fees. Additional costs may be incurred for competition and travel. Successful completion of Principles of Marketing and Marketing Management fulfills the Economics graduation requirement. This course satisfies the graduation requirement that a student must earn one (1) career cluster; workplace readiness or language credit.*

Course covers the same scope of topics as Principles of Marketing courses (purchasing and distribution systems; advertising and sales; and so on) but place a particular emphasis on business management and entrepreneurship, providing exposure to common techniques and problems of management.

## **MARKETING MENTORSHIP/INTERNSHIP (MARKETING LAB) – 84312 (Year 3) 1 Year**

**Grades:** 11 – 12

**Prerequisite:** The student must apply for, and interview with, the instructor of the course. In addition, the student must be currently enrolled in, or have completed, Principles of Marketing and Marketing Management.

**Special Requirements:** *If not already a DECA member through a marketing class, membership in DECA, a co-curricular organization, is required. DECA prepares emerging leaders and entrepreneurs in the areas of marketing, finance, hospitality, and management. ([www.deca.org](http://www.deca.org)) \$20.00/year membership fee will be charged to cover local, state, and national fees. Additional costs may be incurred for competition and travel. This course satisfies the graduation requirement that a student must earn one (1) career cluster, workplace readiness or language credit.*

Course work experience is gained in marketing-related careers in one of several industries. This course may include work-study, internships, school-based enterprises, service learning, mentor programs, or job shadowing experiences. Standards are set for the experience period and related classroom experience will align with occupational training in the field. Improvement of employability skills and discussion regarding the experiences and problems encountered on the job will also be included in classroom activity.

## **MARKETING LAB ADVANCED – 84314 (Year 4) 1 Year**

**Grades:** 11-12

**Prerequisite:** Successful completion of Marketing Mentorship and the student must be currently enrolled in, or have completed, Principles of Marketing and/or Marketing Management.

**Special Requirements:** *The student must apply for, and interview with, the instructor of the course. If not already a DECA member through a marketing class, membership in DECA, a co-curricular organization, is required. DECA prepares emerging leaders and entrepreneurs in the areas of marketing, finance, hospitality, and management. ([www.deca.org](http://www.deca.org)) \$20.00/year membership fee will be charged to cover local, state, and national fees. Additional costs may be incurred for competition and travel. This course satisfies the graduation requirement that a student must earn one (1) career cluster, workplace readiness or language credit.*

Marketing Lab Advanced is the capstone course for marketing lab students. The student schedules and manages peers in a controlled learning environment and applies managerial principles in daily retail activities. Areas of study are financial measures, facilities and equipment management, marketing functions, and career readiness.

## **ACE MARKETING I, II, III - 86111, 86114, 86117 (Year 4) 1 Year**

**Grades:** 11 – 12

**Prerequisite:** Successful completion of Marketing Mentorship and the student must be currently enrolled in, or have completed, Principles of Marketing and/or Marketing Management

**Special Requirements:** *DECA, an Association of Marketing Students, is an integral part of this program. Acceptance by teacher recommendation and transportation from school to work is required. Students must be employed at a worksite approved by the instructor. This course satisfies the graduation requirement that a student must earn one (1) career cluster, workplace readiness or language credit.*

Course work experience is gained in marketing-related careers in one of several industries. This course may include work-study, internships, school-based enterprises, service learning, mentor programs, or job shadowing experiences. Standards are set for the experience period and related classroom experience will align with occupational training in the field. Improvement of employability skills and discussion regarding the experiences and problems encountered on the job will also be included in classroom activity.

## **ENTREPRENEURSHIP– 84305 (Year 3 or 4) 1 Year**

**Grades:** 11-12

**Prerequisite:** Principles of Marketing and Marketing Management

Courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.

## CONSTRUCTION PATHWAY

### NCCER CORE CURRICULUM (CARPENTRY I) – 80135

1 Year

**Grades:** 9 – 12

**Course Fee:** \$40.00/year

Nine modules in all provide coverage of: Basic Safety, Introduction to Construction Math, Introduction to Hand Tools, Introduction to Power Tools, Construction Drawings, Basic Rigging, Basic Communication Skills, Basic Employability Skills, and Introduction to Materials Handling. Student options available for work ready certification.

### CARPENTRY II – 80136

1 Year

**Grades:** 10 – 12

**Prerequisite:** NCCER Core Curriculum

**Course Fee:** \$40.00/year

Key content includes: safety obligations of all to ensure a safe workplace, OSHA regulation awareness, communication and professional/employability skills.; Commercial Drawings, Roofing Applications, Thermal and Moisture Protection, Exterior Finishing, Cold-Formed Steel Framing, Drywall Installation, Drywall Finishing, Doors and Door Hardware, Suspended Ceilings, Window, Door, Floor, and Ceiling Trim, and Cabinet Installation. Student options available for work ready certification.

### CARPENTRY III - 80145

1 Year

**Grades:** 11 - 12

**Prerequisite:** Carpentry II

**Course Fee:** \$40.00/year

Key content includes: safety obligations of all to ensure a safe workplace, OSHA regulation awareness, communication and professional/employability skills.; Key content includes: Rigging Equipment, Rigging Practices, Properties of Concrete, Reinforcing Concrete, Handling and Placing Concrete, Trenching and Excavating, Foundations and Slab-On-Grade, Vertical Formwork, Horizontal Formwork, and Tilt-Up Wall Panels. Student options available for work ready certification.

### CARPENTRY IV - 80149

1 Year

**Grades:** 11 - 12

**Prerequisite:** Carpentry III

**Course Fee:** \$40.00/year

Key content includes: safety obligations of all to ensure a safe workplace, OSHA regulation awareness, communication skills and professional skills/employability skill; Distance Measurement and Leveling, Angular Measurement, Advanced Roof Systems, Advanced Wall Systems, Advanced Stair Systems, Introduction to Light Equipment, Welding, Commercial Finish Work, Site Preparation, and Introductory Skills for the Crew Leader. Student options available for work ready certification.

## MARINE CORPS JUNIOR ROTC

**FOCUS** - The La Cueva Marine Corps JROTC is not a recruiting implement for any branch of the military. The program is intended to “prepare our cadets for the next level” based on their individual needs/desires.

**COLLEGE BOUND** - JROTC offers a unique opportunity to develop valuable skills that will make you a more competitive college applicant. Participation teaches you good study habits and self-discipline. Your involvement in leadership roles, community service and physical fitness makes you a stronger applicant. It also helps you earn scholarships and military academy nominations.

**WORK BOUND** - JROTC teaches what employers seek out: initiative, good judgement, enthusiasm, loyalty, drive and responsibility.

**MILITARY BOUND** - Learn skills, organization and knowledge before recruit training. This equates to advanced promotion in any branch of service, which can earn them an additional \$12,298 during their first enlistment.

The MCJROTC curriculum consists of five major subject areas:

- Leadership – focuses on developing leadership skills, such as decision-making, problem solving and communication
- Citizenship – focuses on instilling citizenship values, patriotism and civic responsibilities.
- Personal Growth and Responsibility – Aspects include physical fitness, health, hygiene and nutrition, social skills, and personal finance.
- Career Exploration and Public Service – provides career preparation opportunities for college and the workforce.
- General Military Subjects – focuses on drill and ceremonies, uniforms, customs, courtesies and traditions, military history, and marksmanship.

Each of these categories has distinctive content, but there is frequently an interrelationship between lessons. All of these categories provide the basic foundation for MCJROTC during the first year with increased levels of responsibility and learning in the subsequent years.

Some extracurricular activities include: Armed Drill Team, Unarmed Drill Team, Physical Fitness Teams, Rifle Teams, Color Guards, Cyber Patriot, Rocketry, Sea Perch, College Academic Bowl, and community service projects.

Our MCJROTC also offers statewide inter-JROTC competition in softball, volleyball, flag football, bowling, Hoover Ball and basketball. Orientation trips to major military installations nationwide are provided for those students wishing to attend. Successful completion of MCJROTC provides advanced promotion for those who choose to enter any branch of the Armed Services after graduation. The Senior Marine Instructor (SMI) may nominate up to three qualified cadets per year to the U.S. Naval Academy.

There is no military obligation associated with the Marine Corps JROTC program. Our primary goal is to equip students with the skills they need to excel in their future endeavors and foster confident and capable leaders.

1. Eligibility for the MCJROTC Program: (No military obligation is incurred through this program.)
2. 14 years of age
3. Wear the uniform one day a week in accordance with applicable directives (all uniforms are provided).
4. All students must comply with Marine Corps grooming standards, (no eccentric haircut, hair color, or hairstyle).
5. Failure to comply with uniform or grooming standards will be cause for failure/disenrollment.
6. All students must be physically qualified to participate in a program of physical fitness and military drill one day a week each. Students earn a PE credit for completing Marines I and II if they enroll starting their 9th grade year.
7. A non-refundable lab fee of \$25.00 per year will be charged to cover the cost of a physical fitness shirt, anodized belt and buckle set, marksmanship materials and accident insurance.

Objectives of MCJROTC Program:

1. To develop informed and responsible citizens.
2. To strengthen character and develop a sense of self-worth.
3. To help form habits of self-discipline.
4. To promote a basic understanding of the elements and requirements for national security.
5. To develop respect for, and understanding of, the need for a constituted authority in a democratic society.
6. To prepare the cadet for their future– be it college, trade school, workforce, or the military.

**The following course can be taken as core classes or as elective credit. Please see page 46 for the course description and requirements.**

- Marines I

## **MARINES II - 09702**

**1 Year**

**Grades:** 10 - 12

**Prerequisite:** Marines I

**Graduation Requirement Met:** For graduation classes 2028 and earlier, two consecutive years of JROTC will fulfill the PE requirement if started in the 9th grade.

**Course Fee:** \$25.00/year

Marine II covers the same major areas, but is more advanced, covering the areas in more detail. Emphasis is on practical application of leadership tenets, philosophy, and techniques as demonstrated by performing duties in specific billets and staff assignments. Literacy strategies are integrated throughout the curriculum.

## **MARINES III – 09703**

**1 Year**

**Grades:** 11 - 12

**Prerequisite:** Marines II

**Course Fee:** \$25.00/year

Marines III is the third year of a four-year curriculum. The student hones their skills from Marines I and II and prepares for a post-secondary education (e.g., college, trade, military). Emphasis is on leadership training and leadership application. The student conducts training for Marines I and II students, inspects and evaluates junior cadets, plans and conducts special events, and develops etiquette and positive behaviors for the workplace. Literacy strategies are integrated throughout the curriculum.

## **MARINES IV – 09704**

**1 Year**

**Grades:** 12

**Prerequisite:** Marines III

**Course Fee:** \$25.00/year

Marines IV is the culmination of a cadet's Leadership Education studies. This is the culminating year where students integrate the various aspects gained throughout their MCJROTC education. The Marines IV cadet continues to be challenged academically and physically with independent studies and specialized projects. Areas of emphasis are leadership, communication skills, drill and ceremonies, and career exploration. Literacy strategies are integrated throughout the curriculum.

## **SURVIVAL I / II – (JROTC LAB/DRILL) - 09907/ 09908**

**1 Year**

**Grades:** 9 - 12

**Prerequisite:** One semester of Marines I and permission of the Senior Military Instructor

**Course Fee:** \$25.00/year

This course covers JROTC instructional material listed under the main JROTC heading. In addition, this course prepares young men and women for competitive drill performances at the local and regional levels as well as instructing students in rifle and marksmanship safety, marksmanship techniques and competitive marksmanship procedures. Members are also involved in community service and community presentations supporting JROTC. It is understood that those students in this class will compete throughout the year. Failure to maintain academic standards will result in students being dropped from the course. Enrollment in this course is limited to students who are eligible to participate in a school-sponsored athletic program. Participation in competitions is required. The student may be expected to purchase personal equipment or supplies, provide evidence of a physical examination, and comply with all requirements of APS and New Mexico Activities Association for participation in the sport.

## **MILITARY SKILLS I (0-hour) – 09901**

**1 Year**

**Grades:** 9 - 12

**Corequisite:** Concurrent Enrollment in Marines I or approval of Senior Military Instructor

**Course Fee:** \$40.00/year

Military Skills I introduces the cadet to fundamental skills necessary to compete against other cadets of the same or different services (e.g., drill, air rifle, color guard, physical fitness) and/or public performances throughout the year. The student gains communication and leadership skills. Failure to maintain academic standards will result in students being dropped from the course. Enrollment in this course is limited to students who are eligible to participate in a school-sponsored athletic program. Participation in competitions is required. The student may be expected to purchase personal equipment or supplies, provide evidence of a physical examination, and comply with all requirements of APS and New Mexico Activities Association for participation in the sport.

## **MILITARY SKILLS II (0-hour) - 09902**

**1 Year**

**Grades:** 10 - 12

**Corequisite:** Concurrent enrollment in Marines II or approval of Senior Military Instructor

**Course Fee:** \$40.00/year

Military Skills II builds on the fundamental skills necessary to compete against other cadets of the same or different services (e.g., drill, air rifle, color guard, physical fitness) and/or public performances throughout the year. The cadet enhances their communication and leadership skills by filling entry-level leadership positions. Failure to maintain academic standards will result in students being dropped from the course. Enrollment in this course is limited to students who are eligible to participate in a school-sponsored athletic program. Participation in competitions is required. The student may be expected to purchase personal equipment or supplies, provide evidence of a physical examination, and comply with all requirements of APS and New Mexico Activities Association for participation in the sport.

## **MILITARY SKILLS III (0-hour) - 09903**

**1 Year**

**Grades:** 11 - 12

**Corequisite:** Concurrent enrollment in Marines III or approval of Senior Military Instructor

**Course Fee:** \$40.00/year

In Military Skills III the cadet acquires and applies higher-level skills necessary to compete against other cadets of the same or different services (e.g., drill, air rifle, color guard, physical fitness) and/or public performances throughout the year. The cadet employs leadership skills and techniques by assisting, instructing, and supervising Marines I and II cadets. Failure to maintain academic standards will result in students being dropped from the course. Enrollment in this course is limited to students who are eligible to participate in a school-sponsored athletic program. Participation in competitions is required. The student may be expected to purchase personal equipment or supplies, provide evidence of a physical examination, and comply with all requirements of APS and New Mexico Activities Association for participation in the sport.

## **MILITARY SKILLS IV (0-hour) – 09904**

**1 Year**

**Grades:** 12

**Corequisite:** Concurrent enrollment in Marines IV or approval of Senior Military Instructor

**Course Fee:** \$40.00/year

In Military Skills IV the cadet leads a team to compete against other cadets of the same or different services (e.g., drill, air rifle, color guard, and physical fitness) and/or public performances throughout the year. The cadet employs leadership skills and techniques by assisting, instructing, and supervising Marines I, II, and III cadets. Failure to maintain academic standards will result in students being dropped from the course. Enrollment in this course is limited to students who are eligible to participate in a school-sponsored athletic program. Participation in competitions is required. The student may be expected to purchase personal equipment or supplies, provide evidence of a physical examination, and comply with all requirements of APS and New Mexico Activities Association for participation in the sport.



**STAFF ASSISTANT I – 09909****1 Year****Grades:** 10 - 12**Prerequisite:** Marines I**Course Fee:** \$25.00/year

Staff Assistant I is a co-ed course designed to give the student training in staff actions and intra-staff responsibilities, to improve the environment in which teaching and learning occur, to improve command and staff achievement, and to develop the ability to use basic techniques in working with others in an administrative environment. The student assumes responsibility for day-to-day routines (e.g., takes attendance, discusses weekly objectives, and coordinates volunteers for community service), determines events for the school year, plans and presents those plans, carries out the plans, and evaluates the outcomes of those events. The student integrates workplace skills and behaviors and literacy strategies throughout the curriculum.

**STAFF ASSISTANT II – 09910****1 Year****Grades:** 11 - 12**Prerequisite:** Staff Assistant I**Course Fee:** \$25.00/year

In Staff Assistant II, the student continues their training in staff actions and intra-staff responsibilities, to improve the environment in which teaching and learning occur, to improve command and staff achievement, and to demonstrate basic techniques in working with others in an administrative environment. The student assumes more leadership in determining events for the school year, planning and presenting those plans, carrying out the plans, and evaluating the outcomes of those events. They become more involved/responsible in class instruction, cadet inspection, and preparation of reports. The student integrates workplace skills and behaviors and literacy strategies throughout the curriculum.

**ACADEMY & COLLEGE ROTC PREP I / II - 09905/09906****1 Year****Grades:** 11 - 12

**Special Requirements:** *The student must comply with Marine Corps grooming standards and uniform requirements. Failure to do so may be cause for failure/disenrollment. The student must be capable of participating in a program of military skills and strenuous physical fitness.*

Academy & College ROTC Prep I is the “action and completion phase” of the nomination/selection process. This course provides individualized guidance to improve the student’s marketability and increase their capability and probability of selection to U.S. Service Academies and/or college ROTC programs. This individualized guidance includes a plan for standardized testing/retesting (e.g., ACT, SAT), enhancement of a candidate’s physical aptitude abilities, and classroom experiences that hones the candidate’s speaking prowess and interview techniques. The student is encouraged to participate in resume-enhancing activities (e.g., sports, clubs, community service). Leadership skills are taken to the next level (e.g., takes charge). Other areas of study may include, but not be limited to, academic content (e.g., social studies, math, science), fundamental military skills, and career exploration. Literacy strategies are integrated throughout the curriculum.

**FINE ARTS DEPARTMENT****ART DEPARTMENT****ART I - 70030****1 Year****Grades:** 9 - 12**Special Requirements:** *Additional supplies for individualized student projects.***Course Fee:** \$40/year

This is an entry-level course, which is the recommended prerequisite for all art courses. Art I is a design and visual fundamental class which exposes the student to a variety of methods, techniques, and media. All art courses that are listed in the course offering booklet will be based on this foundation. Students will need to purchase some supplies on their own.

## PAINTING AND DRAWING I - 71010

1 Year

**Grades:** 10 - 12

**Prerequisite:** Art I

**Special Requirements:** *Students may be asked to furnish additional supplies.*

**Course Fee:** \$60/year

This is a studio course, which requires an understanding of basic design and the visual fundamentals, as taught in Art I. Work in various drawing and painting media will take place. Examples of the many media used are: pencil, colored pencil, charcoal, conte crayon, gouache, water color, acrylic, pastels, dyes, and inks. Art history, aesthetics, and art criticism will accompany the making of art as a means of directing student awareness and growth. Career possibilities will be pursued.

## PAINTING AND DRAWING II - 71012

1 Year

**Grades:** 11 - 12

**Prerequisite:** Painting and Drawing I

**Special Requirements:** *Portfolio as per teacher request.*

**Course Fee:** \$60/year

This class will further develop student's painting and drawing techniques in a variety of media. The students will have a chance to focus on projects of their choice while developing more in-depth painting and drawing skills. Career possibilities will be pursued, and art history will also be explored.

## PAINTING AND DRAWING III - 71014

1 Year

**Grades:** 11 - 12

**Prerequisite:** Painting and Drawing II

**Course Fee:** \$60/year

This course is a continuation of Painting and Drawing II. Students will continue to explore a variety of media and techniques as they develop their individual styles of image making. Students will again have the opportunity to focus on projects of their choice. Students will gain experience in the exploration of mixed media. The course may include visits to art galleries and museums to gain an understanding of contemporary art and the role of the artist in society. Career possibilities will be pursued, and art history will also be explored.

## CERAMICS I - 70511

1 Year

**Grades:** 10 - 12

**Special Requirements:** *A student may be asked to supply protective clothing (apron, shirt, etc.) and hand tools as required by the teacher.*

**Course Fee:** \$60/year

Ceramics I is a beginning course in ceramics design which includes wheel throwing, hand building, glazing, and the firing of sculptural and functional objects made of clay. The student examines and develops skills and proficiency in basic ceramic processes. Literacy is integrated throughout the course.

## CERAMICS II - 70512

1 Year

**Grades:** 11 - 12

**Prerequisite:** Ceramics I

**Special Requirements:** *A student may be asked to supply protective clothing (apron, shirt, etc.) and hand tools as required by the teacher.*

**Course Fee:** \$60/year

In Ceramics II the student demonstrates progress in the acquired skills. Students individually demonstrate problem-solving and decision-making skills when applying the principles of design. Emphasis is on underlying concepts and/or ideas on the student's work based on informed choices and personal aesthetics. Literacy is integrated throughout the course.

## CERAMICS III - 70513

1 Year

**Grades:** 11 - 12

**Prerequisite:** Ceramics II

**Special Requirements:** A student may be asked to supply protective clothing (apron, shirt, etc.) and hand tools as required by the teacher.

**Course Fee:** \$60/year

Ceramics III is designed for the student who has a serious interest in ceramics. Students have the ability to work independently, to form goals, become familiar with careers and develop work habits of professionals. Literacy is integrated throughout the course.

## PHOTOGRAPHY I - 71530

1 Year

**Grades:** 10 - 12

**Special Requirements:** The course requires a 35mm film camera with manual controls, including adjustable shutter and aperture controls (e.g., Pentax K-1000, Canon AE-1).

**Course Fee:** \$60/year; Additional consumables may be required at the student's expense (cost approx. \$100-\$150/semester).

Photography I develops the student's aesthetic awareness and introduces him/her to basic and technical concepts of black and white film photography. This includes developing, printing, enlarging, and composing as well as care of photographic equipment and darkroom safety. Literacy is integrated throughout the course.

## PHOTOGRAPHY II - 71532

1 Year

**Grades:** 10 - 12

**Prerequisite:** Photography I

**Special Requirements:** The course requires a 35mm film camera with manual controls, including adjustable shutter and aperture controls (e.g., Pentax K-1000, Canon AE-1 or a DSLR camera).

**Course Fee:** \$60/year; Additional consumables may be required at the student's expense (cost approx. \$100-\$150/semester).

In Photography II the student continues his/her study of Photography I. He or she learns more involved techniques with emphasis on excellence, both technically and aesthetically. This course includes some new techniques and experimentation with various kinds of photographic paper. The student deals with preparation of photography for exhibits, the market, and jobs related to the field of photography. Literacy is integrated throughout the course.

## PHOTOGRAPHY III - 71534

1 Year

**Grades:** 11 - 12

**Prerequisite:** Photography II

**Special Requirements:** The course requires a 35mm film camera with manual controls, including adjustable shutter and aperture controls (e.g., Pentax K-1000, Canon AE-1 or a DSLR camera).

**Course Fee:** \$60/year; Additional consumables may be required at the student's expense (cost approx. \$100-\$150/semester).

Photography III is a continuation of Photography II with an emphasis placed on developing personal style using special effects (e.g., hand coloring, sepia and selenium toning, solarization, multiple exposures) and assorted techniques. Literacy is integrated throughout the course and career possibilities are pursued.

## ADVANCED STUDIO TECHNIQUES - 72060

1 Year

**Grades:** 12

**Prerequisite:** Completion of all 3 levels of any advanced art course and permission of instructor

**Special Requirements:** Additional supplies for individual student projects. Advance teacher approval. Students must have completed all sections of upper division classes in the area of study offered by the school and must demonstrate the ability to work independently at a high level of achievement. The student may be asked to take individual field trips to local museums, art galleries, artists' studios, or the UNM Fine Arts Library. Students will be responsible for purchasing supplies.

**Course Fee:** \$60/year

This course will concentrate on advanced art techniques and procedures. The students will meet with a cooperating teacher who will assist them in developing legitimate goals and in designing projects dealing with the advanced techniques and procedures that they wish to study in a studio-type setting. This course would favor a student who needs to develop a quality portfolio for college or art school.

## DRAMA DEPARTMENT

### DRAMA I - 75019

1 Year

**Grades:** 9-12

**Special Requirements:** *This is a Performing Arts class. Part of the grade is based on performance.*

**Course Fee:** \$15/year

This introduction to theater explores all aspects of the theater, including acting, voice, body movements, makeup, and basic theories of stagecraft. Stress is placed on the student's relationships with the theater and the application of drama to any career they pursue. Also stressed is their responsibility to the theater and their cast mates. Students will also be given an overview of theater history.

### DRAMA II - 75020

1 Year

**Grades:** 10-12

**Prerequisite:** Drama I

**Special Requirements:** *This is a Performing Arts class. Part of the grade is based on performance.*

**Course Fee:** \$20/year

Drama II emphasizes acting techniques including voice, body movements, interpretation, and characterization. The course refines introductory acting skills and introduces basic direction skills. There is an emphasis on potential career development in theater and related fields.

### DRAMA III - 75030

1 Year

**Grades:** 11-12

**Prerequisite:** Drama II

**Special Requirements:** *This is a Performing Arts class. Part of the grade is based on performance.*

**Course Fee:** \$20/year

Drama III emphasizes advanced acting techniques. Included will be intensive character study and text analysis, audition techniques, film and television acting techniques, styles of acting, and studies of various methodologies.

### STAGECRAFT I - 75015

1 Year

**Grades:** 9-12

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

This course is concerned with the analysis, planning, and practical application of stagecraft (Stagecraft includes all aspects of theater except acting.). Students are required to perform various technical projects and learn techniques through problem-solving and workshop procedures. Emphasis is placed on the application of technical skills and their relationship to theatrical and other trade careers.

### STAGECRAFT II - 75016

**Grades:** 11-12

**Prerequisite:** Stagecraft I

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

This course is concerned with the analysis, planning, and practical application of stagecraft (Stagecraft includes all aspects of theater except acting.). Students are required to perform various technical projects and learn techniques through problem-solving and workshop procedures. Emphasis is placed on the application of technical skills and their relationship to theatrical and other trade careers.

### MUSICAL THEATER PRODUCTION - 75025

**Grades:** 9-12

**Special Requirements:** *This is a performing arts class. Part of the grade is based on performance. Students must reserve extracurricular time for rehearsals, work calls, and performances.*

**Course Fee:** \$20/year

Students in Theater Production will be involved in intensive work in acting, playwriting, directing, and technical aspects of theatrical production. Students are encouraged in individual study to focus on and specialize in the field of their specific interest by participating in productions.

## ADVANCED THEATER PRODUCTION - 75026

1 Year

**Grades:** 11-12

**Prerequisite:** Musical Theater Production, Drama I or Stagecraft I

**Special Requirements:** *This is a performing arts class. Part of the grade is based on performance. Students must reserve extracurricular time for rehearsals, work calls, and performances.*

**Course Fee:** \$20/year

Students in Advanced Theater Production will be involved with intensive work in acting, directing, playwriting, and technical aspects of theatrical production. Students are encouraged in individual study to focus on an independent project in their field of interest. Students are also expected to assist in the training of less experienced students.

## MODERN DANCE - 75563

1 Year

**Grades:** 9 - 12

**Special Requirements:** *Students enrolled in this course will have a suitable change of clothing and shoes as dictated by the school or APS district policy.*

**Course Fee:** \$20/year

Modern Dance I provides students with an appreciation of dance through hands-on activities. Students develop self-awareness through the study of rhythm, movement skills, and creativity. Students will explore disciplines such as ballet, modern dance, jazz, hip-hop, flamenco, swing, and other types of dance as guest instructors become available. The students will also learn about improvisation and the connections between dance and other disciplines such as history, art, poetry, theater, etc. Students will learn about the origins and history behind the different dance forms in a chronological study of dance development. Students will also learn about proper body alignment and dance safety. As the class is participation-based, the students will also work on communication skills, teamwork, and individual leadership.

## INSTRUMENTAL MUSIC

1 Year

### MARCHING BAND II–IV – 7303G/H/J (1<sup>st</sup> Semester Zero Hour)

**Grades:** 9 - 12

**Corequisite:** Concurrent enrollment in Wind Ensemble, Symphonic Band or Marching Auxiliary.

**Special Requirements:** *The student participates in regularly scheduled performances during and outside of the school day, a zero hour class, band camp during the summer months, and in fundraising activities. The student may pay a course fee for materials, supplies, out of town travel, and instrument maintenance and, additionally pays for uniform costs and some out of school activities.*

Marching Band is an advanced performance course for students with experience on standard woodwind brass or percussion instruments. Marching Band teaches the advanced techniques of tone production, articulation, intonation, instrument care and maintenance, general musicianship, and musical literacy. The student performs within the tradition and standards of a wind ensemble using graded music III+ through V. The student provides instruments and accessories although some school instruments may be available for student use. The student practices regularly at home. He/She participates in regularly scheduled performances during and outside of the school day in appropriate performance attire. Literacy is integrated throughout the course. Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment Career Cluster.

### SYMPHONIC BAND – 7304E/F/G/H (2<sup>nd</sup> Semester Zero Hour)

1 Year

**Grades:** 9 - 12

**Corequisite:** Concurrent enrollment in Wind Ensemble

**Special Requirements:** *Out-of-school rehearsals and performances are a part of the instructional program and attendance is required. Some entry fees, out-of-town travel, and dress expenses will be borne by students. Flag Corps members are responsible for the cost of their uniforms. Fine/Practical Arts credit. Booster assessment fee required to perform off campus.*

This course is an advanced performance course for students with experience on standard woodwind, brass, or percussion instruments. Marching band teaches the advanced technique of tone production, articulation, intonation, instrument care and maintenance, general musicianship, and musical literacy. The student provides instruments and accessories although some school instruments may be available for student use. The student practices regularly at home. He/She participates in regularly scheduled performances during and outside of the school day in appropriate performance attire. Literacy is integrated throughout the course.

## **WIND ENSEMBLE I – IV - 73043/7304A/7304B/7304C**

**1 Year**

**Grades:** 9 - 12

**Corequisite:** Concurrent enrollment in Marching Band/Symphonic Band

**Special Requirements:** *Out-of-school rehearsals and performances are a part of the instructional program and attendance is required. Some entry fees, out-of-town travel, and dress expenses are borne by the student. Flag Corps members are responsible for the cost of their uniforms. Fine/Practical Arts credit. Booster assessment fee required to perform off campus.*

**Course Fee:** \$200/year

This course is designed for the advanced instrumental student who has attained the skill development of Level I-IV, of the APS Band Curriculum. Students will receive training in Levels V and VI. The class emphasis is on performance for a wide variety of school and community functions in both concert and marching band activities. The band will be responsible for the presentation of band shows at home football games, other performances and competitions at the band director's discretion.

## **JAZZ BAND I – IV - 7304K/7304L/7304M/7304N**

**1 Year**

**Grades:** 9 - 12

**Prerequisite:** Audition Required - unless a bass guitar or piano player

**Corequisite:** Concurrent enrollment in Marching Band, Wind Ensemble, and Symphonic Band

**Special Requirements:** *Out-of-school rehearsals and performances are a part of the instructional program and attendance is required. Some entry fees, out-of-town travel, and dress expenses are borne by the student. Flag Corps members are responsible for the cost of their uniforms. Fine/Practical Arts credit.*

**Course Fee:** \$100/year

This course is a performance course for the student to receive experience and knowledge in Jazz Band stylings (e.g. swing, blues, rock) and experience on standard woodwind brass and rhythm section instruments. Jazz Band II teaches the application of the basic techniques of tone production, articulation, intonation, instrument care and maintenance, general musicianship, and musical literacy in the Jazz style. The student is introduced to and performs within the traditions and standards of a Jazz Band using graded music I- through II+. The student provides instruments and accessories, although some school instruments may be available for student use. The student practices regularly at home. He/She participates in regularly scheduled performances during and outside of the school day in appropriate performance attire. Literacy is integrated throughout the course.

## **ADVANCED JAZZ BAND I-IV - 73041/7303P/7303Q/7303R**

**1 Year**

**Grades:** 9 - 12

**Prerequisite:** Audition required - unless a bass guitar or piano player

**Corequisite:** Concurrent enrollment in Marching Band, Wind Ensemble, and Symphonic Band

**Special Requirements:** *Concurrent enrollment in Wind Ensemble and Marching Band is necessary with the exception of piano or bass players or permission of instructor. Entry fees, travel, and dress expenses will be borne by the student. Out-of-school rehearsals and performances are a part of the instructional program, and attendance is required.*

**Course Fee:** \$100/year

Jazz Band I is a performance course for the student to receive experience and knowledge in Jazz Band stylings (e.g., swing, blues, rock) and experience on standard woodwind, brass and rhythm section instruments. Intermediate/Advanced Jazz Band teaches the application of the basic techniques of tone production, articulation, intonation, instrument care and maintenance, general musicianship, and musical literacy in the Jazz style. The student is introduced to and performs within the traditions and standards of a Jazz Band using graded music I- through II+. The student provides instruments and accessories although some school instruments may be available for student use. The student practices regularly at home. He or she participates in regularly scheduled performances during and outside of the school day in appropriate performance attire. Literacy is integrated throughout the course. Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment Career Cluster.

## **CONCERT BAND I–IV (Beginning Jazz) - 73037/7303A/7303B/7303C**

**1 Year**

**Grades:** 9 - 12

**Prerequisite:** Audition required

**Corequisite:** Concurrent enrollment in Wind Ensemble/Marching Band is required

**Special Requirements:** *Out-of-school rehearsals and performances are a part of the instructional program and attendance is required. Some entry fees, out-of-town travel, and dress expenses will be borne by students. Flag Corps members are responsible for the cost of their uniforms. Fine/Practical Arts credit.*

**Course Fee:** \$200/year

This course is designed for the instrumental student who has attained Levels I and II of the APS Band Curriculum. Students receive training in Levels III and IV and will also receive Concert and Marching Band instruction. The class emphasis is on performance for a wide variety of school and community functions in both Concert and Marching Band activities. The band will be responsible for presentation of band shows at home football games, other performances and competitions at the band director's discretion. Fundraising is done by the students to offset any trip expenses.

## **MARCHING AUXILIARY I–IV - 92211/92212/92213/92214**

**1 Year**

**Grades:** 9 - 12

**Corequisite:** Concurrent enrollment in Wind Ensemble/Marching Band is required

**Course Fee:** \$200/year

Marching Auxiliary is a performance course that is a direct extension of the band program and is only open to members of the Marching Band Auxiliary Unit (i.e., Flag, Rifle, and Saber). The student acquires sequential and systematic learning experiences in the area of equipment work (i.e., Flag, Rifle, and Saber) Ballet, Modern, and Jazz movement. He or she engages in activities that utilize a wide variety of materials and experiences and develops techniques designed appropriately within the Color Guard genre, including individual and group instruction in performance repertoire and skills. The student in this class participates in the Marching Band during first semester and in Winter Guard during second semester.

Literacy is integrated throughout the course. Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment Career Cluster.

## **ORCHESTRA I – IV (STRING) - 73544/7354G/7354H/7354J**

**1 Year**

**Grades:** 9 - 12

**Prerequisite:** Audition is required

**Special Requirements:** *Entry fees, travel, and rental expenses will be borne by the student. Fundraising is done by the students to offset trip expenses. Out-of-school rehearsals and performances are a part of the instructional program, and attendance is required. This course meets requirements for Fine Arts credit.*

**Course Fee:** \$150/year

String Orchestra is a performance course for the student with limited experience on the violin, viola, cello or string bass. String Intermediate Orchestra teaches the basic techniques of tone production, articulation, intonation, instrument care and maintenance, general musicianship, and musical literacy. The student is introduced to and performs within the traditions and standards of an orchestra using graded music I through II. The student performs, with expression and technical accuracy, a varied repertoire of developmentally appropriate orchestral literature. The student provides instruments and accessories although some school instruments may be available for student use. The student practices regularly at home. He or she participates in regularly scheduled performances during and outside of the school day in appropriate performance attire. Literacy is integrated throughout the course. Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications

Career Cluster and respective pathways and the New Mexico Arts and Entertainment Career Cluster.

## CONCERT ORCHESTRA I-IV 7354K/7354L/7354M/7354n

1 Year

**Grades:** 9 - 12

**Prerequisite:** No prerequisite for Orchestra I. For levels II-IV Appropriate placement as determined by the Orchestra instructor

**Special Requirements:** *Entry fees, travel, and rental expenses will be borne by the student. Fundraising is done by the students to offset trip expenses. Out-of-school rehearsals and performances are a part of the instructional program, and attendance is required. This course meets requirements for Fine Arts credit.*

**Course Fee:** \$150/year

Concert Orchestra is a performance course for the student with minimal experience (1-3 years) on the violin, viola, cello or string bass. Concert Orchestra teaches the basic techniques of tone production, articulation, intonation, instrument care and maintenance, general musicianship, and musical literacy. The student is introduced to and performs within the traditions and standards of an orchestra using graded music I through II and a half. The student performs, with expression and technical accuracy, a varied repertoire of developmentally appropriate orchestral literature. The student provides instruments and accessories although some school instruments may be available for student use. The student practices regularly at home. He/She participates in regularly scheduled performances during and outside of the school day in appropriate performance attire. Literacy and technology where appropriate are integrated throughout the course. Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment Career Cluster.

## ORCHESTRA I-IV (CAMERATA) - 73545/7354A/7354B/7354C

1 Year

**Grades:** 9 - 12

**Prerequisite:** Audition required

**Special Requirements:** *Entry fees, travel, and rental expenses will be borne by the student. Students are required to audition for the New Mexico All-State Orchestra as part of this instructional program. Most students in this course take private lessons on their instrument although it is not required. This course meets requirements for Fine Arts or Practical Arts credit. \*attendance is required.*

**Course Fee:** \$150/year

Out-of-school rehearsals and numerous performances are a part of the instructional program. This is an advanced string ensemble performing a variety of styles from several musical periods. Emphasis is placed on studying professional level orchestra and chamber music. String Orchestra I is a performance course for the student with experience on the violin, viola, cello or string bass. String Orchestra I teaches the basic techniques of tone production, articulation, intonation, instrument care and maintenance, general musicianship, and musical literacy. The student is introduced to and performs within the traditions and standards of an orchestra using graded music. The student performs, with expression and technical accuracy, a varied repertoire of developmentally appropriate orchestral literature. The student provides instruments and accessories although some school instruments may be available for student use. The student practices regularly at home. He or she participates in regularly scheduled performances during and outside of the school day in appropriate performance attire. Literacy is integrated throughout the course. Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment Career Cluster.

## GUITAR BEGINNING - 75555

1 Year

**Grades:** 9 - 12

**Special Requirements:** *Pay for materials, clinicians, maintenance of equipment, and possible entry fees for district festivals.*

*Additionally, students may be required to provide their own instrument for the course. As a co-curricular class the student attends all rehearsals and performances, which include afternoons, evenings, and weekends that support and extend learning in the classroom. Instrument rental may be required.*

**Course Fee:** \$100/year

Classical Beginning Guitar is designed to acquaint the student with the fundamentals of guitar playing and basic music theory. He or she learns technical skills through a variety of different styles of music and is introduced to basic chord forms, scales and arpeggios, standard music notation, and both solo and ensemble guitar literature. The student has the opportunity to participate in school and community performances. This course is open to any student regardless of music training or background.



## GUITAR INTERMEDIATE - 75556

1 Year

**Grades:** 9 - 12

**Prerequisite:** Audition required.

**Special Requirements:** Pays for materials, clinicians, maintenance of equipment, and possibly entry fees for district festivals. Additionally, students may be required to provide their own instrument for the course. As a co-curricular class, the student attends all rehearsals and performances, which include afternoons, evenings, and weekends that support and extend learning in the classroom. Instrument rental may be required.

**Course Fee:** \$100/year

Intermediate Guitar expands upon the fundamentals of guitar playing and basic music theory. He/she learns technical skills through a variety of different styles of music and utilizes a variety of chord forms, scales and arpeggios, standard music notation, and both solo and ensemble guitar literature. The student has the opportunity to participate in school and community performances. Literacy is integrated throughout the course. Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment Career Cluster.

## GUITAR ADVANCED - 75557

1 Year

**Grades:** 9 - 12

**Prerequisite:** Audition required.

**Special Requirements:** Pays for materials, clinicians, maintenance of equipment, and possibly entry fees for district festivals. Additionally, he or she may be required to provide his/her own instrument for the course. As a co-curricular class, the student attends all rehearsals and performances which include afternoons, evenings, and weekends that support and extend learning in the classroom. Instrument rental may be required.

**Course Fee:** \$100/year

In Advanced Classical Guitar the student develops higher level playing skills and an in-depth knowledge of music theory. The student expands his/her technical ability through a variety of different styles of music and utilizes complex chord forms, scales and arpeggios, standard music notation, and both solo and ensemble guitar literature. He/she participates in school and community performances. Literacy is integrated throughout the course. Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment Career Cluster.

## GUITAR LITERATURE - 75561

1 Year

**Grades:** 11 - 12

**Prerequisite:** Advanced Guitar or appropriate placement as determined by the Piano instructor

**Special Requirements:** The student pays a fee for materials, clinicians, maintenance of equipment, and, possibly, entry fees for district festivals. Additionally, he/she may be required to provide his/her own instrument for the course. As a co-curricular class, the student attends all rehearsals and performances which include afternoons, evenings and weekends that support and extend learning in the classroom.

**Course Fee:** \$100/year

In Classical Guitar Literature the student develops mastery of areas covered in previous guitar courses, including playing technique, and elements of music theory. The student learns technical skills through a variety of different styles of music, complex chord forms, scales and arpeggios, compositional and/or improvisational techniques, standard music notation, and both solo and ensemble guitar literature. Literacy is integrated throughout the course. Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment career cluster.

## CHORAL MUSIC

### MIXED CHORUS I – IV - 74051/7405C/7405D/7405E

1 Year

**Grades:** 9 - 12

**Prerequisite:** No previous singing experience is necessary and no audition is required

**Special Requirements:** *Out-of-school rehearsals and performances are a part of the instructional program and attendance is required. This course meets requirements for Fine Arts credit.*

**Course Fee:** \$100/year

This is a beginning chorus for first-time high school singers in which students learn good vocal techniques, begin sight reading, develop an ability to sing musically, and experience a wide variety of music literature and styles.

### TREBLE CHOIR I – IV - 74049/74050/7405A/7405B

**Grades:** 9 - 12

**Prerequisite:** Audition required

**Special Requirements:** *Out-of-school rehearsals, choreography sessions and performance are a part of the instructional program and attendance is required.*

**Course Fee:** \$100/year

The Treble Choir/Aca Bella chorus performs music of a wide variety of choral styles and musical periods. Emphasis is placed on challenging choral literature and advanced choral techniques. Choreography will be used on occasion. Out of town travel is optional. *Extra fees of approximately \$500 will apply, which may be paid by participating in fundraising or paying out of pocket.*

### SHOW CHOIR I – IV - 7405H/7405J/7405K/7405L

1 Year

**Grades:** 9 - 12

**Prerequisite:** Audition required

**Corequisite:** Concurrent enrollment in Treble Choir or Concert Choir is highly recommended.

**Special Requirements:** *Out-of-school rehearsals and numerous performances are a part of the instructional program, and attendance is required. Entry fees, travel, and apparel expenses will be borne by students. This course meets requirements for fine arts credit.*

**Course Fee:** \$100/year

This is an advanced chorus performing a variety of choral styles and musical periods. This group is limited in size with an emphasis placed on quality entertaining literature: popular, jazz, rock, folk, Broadway, and contemporary music. Choreography is frequently used. Out-of-town travel is optional. *Extra fee for choreographer, music, and costumes is \$700.00 which may be paid through fundraising or paying out of pocket.*

### CONCERT CHOIR I – IV - 74048/7404A/7404B/7404C

1 Year

**Grades:** 9 - 12

**Prerequisite:** Audition required. No prerequisite for Concert Choir I. For levels II-IV Appropriate placement as determined by the Choir instructor.

**Special Requirements:** *Out-of-school rehearsals and performances are a part of the instructional program, and attendance is required. Entry fees, travel, and dress expenses will be borne by the student. This course meets requirements for Fine Arts credit, and satisfies the graduation requirement that a student must earn one (1) career cluster, workplace readiness or language credit.*

**Course Fee:** \$100/year

This is an advanced chorus performing a variety of choral styles and musical periods. This ensemble is limited in size with an emphasis placed on high level choral concert repertoire. The student enrolled in the Concert Choir develops musicianship and specific performance skills through ensemble and solo singing. This course is offered to male and female singers desiring the opportunity to sing in an advanced choir and requires instructor approval and audition. The student/singer experiences diverse styles of choral literature. The student receives instruction that enables him/her to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Literacy is integrated throughout the course. Concert Choir I provides instruction in fundamental vocal development, performing, conducting, listening and analyzing music, in addition to focusing on the specific text being sung. The student develops the ability to understand and convey the composer's intent to the audience. He or she is encouraged to take private voice lessons to facilitate his/her vocal improvement. The student performs publicly as a culmination of daily rehearsal and music goals and demonstrates mastery

of basic choral technique. Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment career cluster. **\*This group will participate in and be rated at Festival and at the NMAA State Choir Competition.**

## PIANO

### PIANO I - 75558

1 Year

**Grades:** 9 - 12

**Course Fee:** \$25/year

This course is designed as a basic keyboard orientation for the beginning pianist. No previous musical experience is required. The ability to play simple two-handed compositions and chords should be the result of this class.

### PIANO II – 75559

1 Year

**Grades:** 10 - 12

**Prerequisite:** Piano I or appropriate placement as determined by the Piano instructor

**Course Fee:** \$25/year

This course is designed as a continuation of the basic keyboard orientation for the beginning pianist. The ability to play medium difficult, two-handed compositions and chords should be the result of the class.

### PIANO III - 75560

1 Year

**Grades:** 11 - 12

**Prerequisite:** Piano II or appropriate placement as determined by the Piano instructor

**Course Fee:** \$25/year

This course is designed as a continuation of the beginning and intermediate piano lab.

Daily technique exercises, ear training, and sight reading will be given. Performance of solos and ensembles for each other in the class is required as well as one recital evening each semester.

### PIANO IV - 75561

1 Year

**Grades:** 12

**Prerequisite:** Piano III or appropriate placement as determined by the Piano instructor

**Course Fee:** \$25/year

This course is designed as a continuation of the beginning and intermediate piano lab.

Daily technique exercises, ear training, and sight reading will be given. Performance of solos and ensembles for each other in the class is required as well as one recital evening each semester.

### AP MUSIC THEORY - 72533

1 Year

**Grades:** 10 - 12

AP Music Theory is a college music course introducing the first-year student to musicianship, theory, musical materials, and procedures. This course incorporates a variety of titles: Basic Musicianship, Elementary Theory, Harmony and Dictation, Structure of Music. AP Music Theory emphasizes one aspect of music, such as harmony and integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and history and style. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the theory course. The student's ability to read and write musical notation is fundamental to this course. It is recommended that the student have acquired at least basic performance skills in voice or on an instrument for two years prior to taking this course. The goal of an AP Music Theory course is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. Literacy is integrated throughout the course. Skills and knowledge acquired in this course can be applied to the United State Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment Career Cluster.

## MODERN, CLASSICAL & NATIVE LANGUAGES DEPARTMENT

Students who take 4 consecutive years of the same language with a “C” or better, and who pass an approved standardized exam (see your teacher for the exams) are eligible to earn the state bilingual seal.

We recognize that our nation plays a critical leadership role in the world community.

As professional educators, we feel it is imperative to provide our students with knowledge and skills that will allow them successfully to meet the demands of the society of the twenty-first century. This calls for a comprehensive, dynamic curriculum in second-language acquisition and cultural awareness in the Albuquerque Public Schools.

In addition to preparing our students to participate in a global community, we believe that the study of other languages and cultures broadens our view of the world and makes us more cognizant of our own language and culture.

We celebrate our cultural and linguistic plurality in the State of New Mexico. We recommend three (3) or more years of a single language for college prep and four (4) or more years for highly competitive colleges. These courses are academic electives that require regular outside study. One Career Cluster/Workplace Readiness Course is required for graduation. A modern, classical or native language course meets this requirement and also serves as an elective credit.

### FRENCH I - 60010

1 Year

**Grades:** 9 - 12

**Course Fee:** \$5/year

Language acquisition is a developmental process. Over time learners develop the ability to write and speak in a meaningful and appropriate manner. French I introduces students to the basic skills (e.g., listening, speaking, reading, and writing) and to the basic structures of French taught within the cultural context. Areas of study include: expression, comprehension, cultures, language functions, connections and personal applications. Emphasis is placed on oral, written, communication skills, and cultural activities.

### FRENCH II – 60011

1 Year

**Grades:** 9 - 12

**Prerequisite:** French I

**Course Fee:** \$5/year

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the students develop the ability to write and speak in a meaningful and appropriate manner. French II continues the focus on the basic language skills: listening, speaking, reading and writing as well as encourages deeper appreciation of the French culture and language. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on applying oral, written and communication skills to personal, academic, and cultural activities.

### FRENCH III - 60012

1 Year

**Grades:** 9 - 12

**Prerequisite:** French II or language proficiency as determined by the Modern Classical Languages Department

**Course Fee:** \$5/year

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the students develop the ability to write and speak in a meaningful and appropriate manner. French III reinforces and intensifies language skills: listening, speaking, reading and writing as well as encourages deeper appreciation of the French culture and language. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic and cultural activities.

### FRENCH IV - 60013

1 Year

**Grades:** 10 - 12

**Prerequisite:** French III or language proficiency as determined by the Modern Classical Languages Department

**Course Fee:** \$5/year

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the student develops the ability to write and speak in a meaningful and appropriate manner. French IV reinforces and intensifies language skills: listening, speaking, reading and writing as well as encourages deeper appreciation of the French culture, language, literary genres and value to career opportunities. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic and cultural activities. Students will begin preparation for the French Language and Culture AP Exam.

## **AP FRENCH V - 60014**

**1 Year**

**Grades:** 10 - 12

**Prerequisite:** French III or IV or language proficiency as determined by the Modern Classical Languages Department

**Course Fee:** \$5/year

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the student develops the ability to write and speak in a meaningful and appropriate manner. French V/AP reinforces and intensifies language skills: listening, speaking, reading and writing as well as encourages deeper appreciation of the French culture, language, literary genres and value to career opportunities. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic and cultural activities and career awareness. Students will be encouraged to take the French Language and Culture AP Exam.

## **GERMAN I - 60510**

**1 Year**

**Grades:** 9 - 12

**Course Fee:** \$5/year

Language acquisition is a developmental process. Over time these learners attain the ability to write and speak in a meaningful and appropriate manner. German I introduce students to the basic skills (e.g., listening, speaking, reading and writing) and to the basic structures of German taught within the cultural context. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on oral, written, communication skills and cultural activities.

## **GERMAN II - 60511**

**1 Year**

**Grades:** 9 - 12

**Prerequisite:** German I

**Course Fee:** \$5/year

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the students develop the ability to write and speak in a meaningful and appropriate manner. German II continues the focus on the basic language skills: listening, speaking, reading and writing as well as encouraging deeper appreciation of German culture and language. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on applying oral, written and communication skills to personal, academic and cultural activities. An appreciation of the culture of German-speaking countries and career opportunities are enhanced.

## **GERMAN III - 60512**

**1 Year**

**Grades:** 9 - 12

**Prerequisite:** German II or language proficiency as determined by the Modern Classical Languages Department

**Course Fee:** \$5/year

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the student develops the ability to write and speak in a meaningful and appropriate manner. German III reinforces and intensifies language skills: listening, speaking, reading and writing as well as encourages deeper appreciation of German culture and language. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic and cultural activities.

## **GERMAN IV - 60513**

**1 Year**

**Grades:** 10 - 12

**Prerequisite:** German III or language proficiency as determined by the Modern Classical Languages Department

**Course Fee:** \$5/year

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the student develops the ability to write and speak in a meaningful and appropriate manner. German IV reinforces and intensifies language skills: listening, speaking, reading and writing as well as encourages deeper appreciation of the German culture, language, literary genres, and value to career opportunities. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic and cultural activities. Knowledge of career awareness is expanded.

## **AP GERMAN V - 60514**

**1 Year**

**Grades:** 10 - 12

**Prerequisite:** German III or IV or language proficiency as determined by the Modern Classical Languages Department

**Course Fee:** \$5/year

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the student develops the ability to write and speak in a meaningful and appropriate manner. German V/AP reinforces and intensifies language skills: listening, speaking, reading and writing as well as encourages deeper appreciation of the German culture, language, literary genres, and value to career opportunities. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic and cultural activities and career awareness. Students will be encouraged to take the German Language and Culture AP Exam.

## **SPANISH I - 61010**

**1 Year**

**Grades:** 9 - 12

**Course Fee:** \$5/year

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the students develop the ability to write and speak in a meaningful and appropriate manner. Spanish I introduces students to the basic skills (e.g., listening, speaking, reading and writing) and to the basic structures of Spanish taught within the cultural context. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on oral and written communication skills and cultural activities.

## **SPANISH II - 61011**

**1 Year**

**Grades:** 9 - 12

**Prerequisite:** Spanish I or language proficiency as determined by the Modern Classical Languages Department

**Course Fee:** \$5/year

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the students develop the ability to write and speak in a meaningful and appropriate manner. Spanish II continues the focus on the basic language skills: listening, speaking, reading and writing as well as encourages deeper appreciation of the Spanish culture and language. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic and cultural activities.

## **SPANISH III - 61012**

**1 Year**

**Grades:** 9 - 12

**Prerequisite:** Spanish II or language proficiency as determined by the Modern Classical Languages Department

**Course Fee:** \$5/year

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the student develops the ability to write and speak in a meaningful and appropriate manner. Spanish III reinforces and intensifies language skills: listening, speaking, reading and writing as well as encourages deeper appreciation of the Spanish culture and language. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic and cultural activities.

## **SPANISH IV - 61013**

**1 Year**

**Grades:** 9 - 12

**Prerequisite:** Spanish III or language proficiency as determined by the Modern Classical Languages Department

**Course Fee:** \$5/year

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the student develops the ability to write and speak in a meaningful and appropriate manner. Spanish IV reinforces and intensifies language skills: listening, speaking, reading and writing as well as encourages deeper appreciation of the Spanish culture, language, literary genres, and value to career opportunities. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications.

Emphasis is placed on applying oral and written communication skills to personal, academic and cultural activities. This course will also focus on continued development and expansion of listening, speaking, reading and writing skills through listening activities, oral presentations, literature, media presentations and writing activities. Students will begin preparation for the Advanced Placement Spanish Language & Culture Exam.

## **AP SPANISH V LANGUAGE - 61026**

**1 Year**

**Grades:** 10 - 12

**Prerequisite:** Spanish III or IV or language proficiency as determined by the Modern Classical Languages Department

**Course Fee:** \$5/year

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the student develops the ability to write and speak in a meaningful and appropriate manner. Spanish V/AP reinforces and intensifies language skills: listening, speaking, reading and writing as well as encourages deeper appreciation of the Spanish culture, language, literary genres and value to career opportunities. Areas of study include: expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic and cultural activities. Students will be encouraged to take the Advanced Placement Spanish Language & Culture Exam at the end of the course.

## **AP SPANISH V LITERATURE & CULTURE - 61025**

**1 Year**

**Grades 10-12**

**Prerequisite:** Spanish IV or AP Spanish Language or language proficiency as determined by the Modern Classical Languages Department

**Course Fee:** \$5/year

Colleges and universities identify the AP Spanish Literature V course as a third-year college introduction to Hispanic Literature. The course includes selected works from seven centuries of Hispanic Literature and exposes students to a wide range of genres that traces the history of the development of literature written in Spanish.

Areas of study include expression, comprehension, language and culture, cultures, language functions, connections, and personal applications.

**Important Notes:** This course is taught in Spanish. The content of this course is the same as the standard New Mexico AP Spanish Literature V course. Course materials and instruction are presented in both languages. This course satisfies the graduation requirement that a student must earn one (1) career cluster, workplace readiness or language credit. Although the Advanced Placement-Literature examination is not a course requirement, students are encouraged to take the exam.

## **GENERAL ELECTIVES**

### **STUDENT LEADERSHIP I-IV (SENATE)-92301/92302/92303/92304**

**1 Year**

**Grades:** 9 - 12

**Course Fee:** \$30.00

**Prerequisite and ongoing requirement:** The student must maintain a GPA as determined by the school, district, and New Mexico Activities Association regulations.

This course is a project-based class in which students learn to plan, prepare, implement and evaluate a wide variety of projects designed to serve the students, staff and community. Students also learn: various leadership techniques and skills, personal and organizational management, teambuilding, public relations, public speaking. Students serve as members of the La Cueva High school Senate, and are required to spend time outside of class at various school-sponsored activities. Enrollment is limited and based on an application process. Students are also REQUIRED to maintain certain academic and behavioral standards to enroll or remain enrolled in the class.

### **TEACHER AIDE / OFFICE AIDE - 53006**

**1 Year**

**Grades:** 12

**Prerequisite:** Permission of teacher or Administrator

This course provides students the opportunity to work in one of several campus offices or with individual teachers, assisting the appropriate professionals with their duties. Emphasis is placed on appropriate work attitude and human relations. Daily attendance is required. A final examination is mandatory. Students will receive a Pass/Fail for this course.

## **SERVICE LEARNING/BEST BUDDIES - 53012**

**1 Year**

**Grades: 9 - 12**

Service Learning is designed to provide the student with opportunities to use academic lessons in a real-world context. This course develops skills and abilities in problem solving, decision making, critical analysis, collaboration, and team building. The goal is for the student to design one or more service projects that engages him/her in action research and that identifies a community need. Through this process, he/she enhances his/her social, personal, and career development and gains a sense of civic responsibility and understanding of diversity and mutual respect among all participants. Areas of study include, but are not limited to, preparation and planning, research, action, celebration, and evaluation. Literacy strategies are integrated throughout the course. Skills and knowledge acquired in this course can be applied to the Human Services career cluster.

Note: The goal for this class is to provide a program that connects learning with academic study by helping the student transfer knowledge and skills from one setting to another and deepens his/her understanding of how we can all work to make our communities better. It is a process that requires the support of school administration and community leaders and is a critical element in the success of the program.

## **COMMUNITY SERVICE/SENATE OFFICERS - 53010**

**1 Year**

**Grades: 10 - 12**

Community Service is a course that emphasizes responsibility, what youth can contribute to the needs of society, how to make a difference to others, and to experience being needed. Areas of study include, but are not limited to, life skills, employability skills, career exploration, and community involvement. The student's experiences can also be used to enhance problem-solving, decision-making, and communications skills (e.g., reading, writing, and speaking).

**1 Year**

## **BEST BUDDIES - 53012**

**Grades: 9-12**

Best Buddies creates opportunities to develop new friendships, leadership skills and inclusive learning with individuals with and without disabilities. Activities provide students who have a diverse set of abilities opportunities to engage with their peers throughout the La Cueva campus. Staff will supply training and assistance to work with all students. Best Buddies provides tools and training to participate in a wide range of activities with all types of learners. Students will work with peers who have a variety of skill levels, while also focusing on relationship building. We will work on a variety of lesson plans that include social emotional learning, community building and academic learning. Literacy strategies are integrated throughout the course. Skills and knowledge acquired in this course apply to the education and training career cluster. Students will create projects with one another and work towards a goal as a team. This is a great class to work on team building, problem solving, and bridging the gap in social inclusion. Best Buddies is a great way to meet new people and create lifelong friendships.

## **CONTEMPORARY ISSUES - 20852**

**1 Year**

**Grades: 9-12**

Contemporary Issues I class is an elective course designed to provide the student with an up-to-date view of the world around them. Emphasis is placed on an analysis of real-world issues, which have a direct impact on students' lives. The student focuses on improving geographic knowledge, reading, writing, and vocabulary skills as a means for understanding important issues and communicating facts, his/her ideas, and opinions to others. Class goals are for each student to gain a greater understanding of the world around them through exploration of current events and issues affecting their local, national and global community.

## **GUIDED STUDY I - 530011**

**1 Year**

**Grades: 9 - 12**

The student designs a Guided Study program so he or she explores and acquires a strong knowledge base in an area of individual interest; exercises independence in learning; develops basic research skills and study skills; develops skills specific to an area of individual interest; develops a variety of presentation and communication skills; develops critical thinking and problem-solving skills; explores career fields of individual interest; develops goal setting and decision-making skills; and practices time management and organizational skills.



## **HEALTH CAREERS I - 48020**

**1 Year**

**Grades:** 10-12

**Pre-Requisites:** Health I and Biology

Health care has grown into a multibillion dollar industry that has profound effects on our society. As medical advancements continue to grow, so do issues faced by society, patients, and health care providers. In Health Careers I, the student studies a variety of topics that include, but are not limited to, health promotion; acquisition of health information; health behaviors; health factors; interpersonal communication skills; goal setting; health advocacy; safety, first aid, and emergency care; and career readiness. The student networks with health care professionals both in and out of the classroom setting. Students will explore a variety of health careers (e.g., dentistry, pharmacy, geriatric care). Literacy strategies are integrated throughout the course. Skills and knowledge acquired in this course can be applied to the Health Science and the Human Services Career Clusters and their respective pathways and New Mexico Health and Biosciences Career Clusters.

## **CAPSTONE**

**1 Year**

**Grades:** 11- 12

In this year-long class, students will develop a variety of skills including how to conduct research, as well as critical thinking skills, resilience, problem solving, time management, integrity, positionality, identifying bias, community-mindedness, communication, and collaboration. Most importantly, students will develop habits of self-directed learning. The capstone project is an exhibition of what a student can do when they apply knowledge in a particular area. Students may choose a topic, problem, service, community need, creation, performance piece, hypothesis, investigation or written document to develop as the capstone project. Some potential projects may be building a guitar after researching various models, engaging the community in a development project, working with legislators to write potential legislation, writing and producing a podcast series or short film, or constructing an engine from scratch. Successful completion of this course and symposium will earn students a capstone seal, graduation regalia, and recognition.

## **ESPORTS: EXPLORING CAREERS (I, II, III) - 5011/5021/5031**

**1 Year**

**Grades:** 9-12

Students participating in this course will learn about all aspects of esports as an industry and the many opportunities for participation in colleges and careers. The innovative course is founded on the concept promoted by John Dewey about experiential learning. Students will be immersed in experiences where they will develop skills used in the esports industry and apply them for real world authentic purposes. In the process, they will maintain an electronic portfolio (ePortfolio) containing artifacts and documented experiences that they can use for applications to college and career opportunities.

By the second half of the course, the students will have multiple experiences managing and running high school esports events both live and recorded. These practical experiences and leadership opportunities will be based on structured development of students as responsible and professional digital citizens. Using the standards established by ISTE and resources from schools and organizations regarding Global Professional Skills (GPS), this course will prepare students to become proficient in the core skills, sometimes called soft skills, that will help them successfully navigate working with and leading teams to solve complicated problems, sometimes with creative solutions.

## **INTRODUCTION TO ROBOTICS – 69613**

**1 Year**

**Grades:** 9 - 12

**Course Fee:** \$20.00/year

This engineering laboratory course is designed to teach students the principles of digital circuits, the functions of electronic devices, and methods of robotic and material fabrication. Students will design and build automated systems that incorporate the principles of electrons, physics, and robotics, gaining an enriched understanding of the contemporary mechanical world. Additionally, students will use software to write code that enables communication with the devices they build, enhancing their practical skills and understanding of automation in engineering.

## LANGUAGE ARTS ELECTIVES

The English program of La Cueva High School focuses on promoting excellence in all forms of communication, levels of critical thinking, and love of literature to the end that the students will be informed, involved, rational, compassionate, contributing citizens in their immediate, as well as the global society.

Students who take a Language Arts class for English credit (rather than elective credit) are expected to meet or exceed the Common Core State Standards. Students in all Language Arts classes apply and develop critical thinking skills through the Common Core Strands: Reading (a variety of complex texts), Writing, Language, Speaking and Listening.

**The following courses can be taken as core English classes or as elective credit. Please see pages 26-31 for the course description and requirements.**

- AP Seminar
- AP Research
- Creative Writing II
- College Prep Composition/Mythology & Folklore in Literature
- Bible Literature
- Shakespeare
- Film Criticism

### **LITERACY STRATEGIES I – 21040 & LITERACY STRATEGIES II – 21041**

**1 Year**

**Grades: 9 Grades: 10 - 12**

Literacy Strategies supports the emergent adolescent reader. This course is designed to provide both individual and small group instruction to meet each student's needs in reading components. Instruction is guided by ongoing assessments. The student practices the essential reading elements: fluency, vocabulary, word study, academic language, text structure, and comprehension. The student uses several strategies for increasing comprehension of diverse texts such as summarizing, questioning, predicting and previewing, using text structure, visualizing, and inferring. The student has a variety of opportunities to learn, practice, and internalize these reading behaviors and strategies. The reading process, reading application, and personal engagement with reading are major areas of focus. Literacy Strategies is developed to support student mastery of the grade-level language arts reading process and reading analysis standards. As the student progresses in skill development, they are assessed and move to the appropriate instructional level.

### **CREATIVE WRITING I - 24540**

**1 Year**

**Grades: 9 – 12**

**Special Requirements:** *Not for English credit*

*Elective.* In Creative Writing I, the student reads, analyzes, and discusses selected models of various American authors to gain a background for extensive original thought and writing. The student will write in a variety of genres including short stories, one-act plays, poetry, fiction, and non-fiction. As part of the creative process, the student identifies and concentrates on individual needs for vocabulary development, spelling, sentence structure, and revision and prepares freelance work for submission to publishers and contests. The student uses technology to support writing, research, and the procedures for submitting work for consideration to print online literary magazines. Students will be expected to share their work in a writer's workshop setting. More than one half of the course work is devoted to composition.

### **JOURNALISM - 24031**

**1 Year**

**Grades: 9 - 12**

In Journalism, the student explores and practices the fundamentals of various print and electronic media including newspapers, magazines, and radio/television/digital broadcasts. Areas of emphasis include interviewing and reporting techniques, gathering and researching sources of information, history, law and ethics, First Amendment rights and responsibilities, and media literacy. Special emphasis is placed on distinctive types of journalistic writing, style, and organization as compared to conventional English Composition. The student writes, edits, and evaluates news, editorials, columns, features, sports, photo captions, and investigative reports with clear purpose, accuracy, and awareness of the audience(s). The student contributes work for consideration to the school newspaper and produces individual and class projects for publication or broadcast. Students will have the opportunity to participate in academic field trips, competitions, and conferences. This course grants elective credit.

## **NEWSPAPER I - 24001**

**1 Year**

**Grades:** 10 - 12

**Prerequisite:** Journalism

In Newspaper I, the student applies entry-level journalistic skills introduced in Journalism and participates in specialized areas depending on interests and staffing needs. The student gains experience with cooperative and group processes in areas of planning, decision-making, conflict resolution, team building, elements of design and photography, time management, and “deadlining” with guidance, coaching, and mentoring. The student generates authentic work by producing a digital newspaper for the school and community. Students have the opportunity to compete for a variety of contests, awards, and scholarships. Much of the work is done outside of class. This course grants elective credit.

## **NEWSPAPER II - 24002**

**1 Year**

**Grades:** 11- 12

**Prerequisite:** Newspaper I

In Newspaper II, the student enhances individual skills in all journalistic areas and also develops areas of expertise, specializing in one or more areas of the newspaper production process. The student also refines skills with group processes, such as decision-making, conflict resolution, and time management with respect to individual and staff deadlines and mentors less experienced staff members. The Newspaper II student is encouraged to assume increased responsibility and to develop skills that lead to editorial positions with mentoring and coaching from more experienced staff members and with guidance from the teacher/adviser. The student generates authentic work by producing a digital newspaper for the school and community. Students have the opportunity to compete for a variety of contests, awards, and scholarships. Much of the work is done outside of class. This course grants elective credit.

## **NEWSPAPER III - 24003**

**1 Year**

**Grades:** 12

**Prerequisite:** Newspaper II

In Newspaper III, the student refines and enhances previous journalistic skills and assumes increasingly more challenging and demanding leadership and mentoring roles on the newspaper staff. As specified in the specific staff position description, the editor is responsible for long-range planning, reinforcing editorial policy, and operating the budget. The editor orchestrates the co-curricular aspect of the program in cooperation with other editors and the teacher/adviser. The student generates authentic work by producing a digital newspaper for the school and community. Students have the opportunity to compete for a variety of contests, awards, and scholarships. Much of the work is done outside of class. This course grants elective credit.

## **YEARBOOK I/ II/ III: 24036/24037/24038**

**1 Year**

**Grades:** 9 - 12

Yearbook applies the skills of pre-planning, scheduling, copywriting, cropping, headline writing, layout, photography, art and graphics, theme selection, distribution, and business management to produce the school yearbook. Much of the work is done outside the class. The course is designed for long-term group projects using the computer as a tool. The learner will solve problems requiring integration of skills and knowledge from a variety of disciplines. Succeeding levels of this course will expect students to meet objectives by increasing the difficulty and complexity of their project focus.

## MATHEMATICS ELECTIVES

The following courses can be taken as core Math classes or as elective credit. Please see pages 32-38 for the course description and requirements.

- Pre-Calculus
- AP Pre-Calculus
- Calculus
- Transition to College Math
- Financial Literacy
- Probability & Statistics
- AP Statistics
- AP Calculus AB
- AP Calculus BC

### MATH STRATEGIES I - 31001

1 Year

**Grades:** 9 - 10

**Special Requirements:** *Concurrent enrollment in Algebra I*

Math Strategies I is for the student who needs support with Algebra I skills and concepts (e.g., operations with integers, solving equations, graphing). The student receives personalized instruction and progress monitoring assessment in his/her areas of need and learns through a variety of strategies, techniques (e.g., graphic organizers, *Teaching and Learning with Text*), and technology (e.g., graphing calculators and computers). These strategies and techniques improve the student's abilities to interpret the text, problem solve, and make connections to real-world situations through a variety of opportunities to learn, practice, and internalize critical-thinking skills. This course grants elective credit.

### MATH STRATEGIES III - 31003

1 Year

**Grades:** 11 - 12

**Special Requirements:** *Concurrent enrollment in Algebra II*

Math Strategies III is for the student who needs support with Algebra II skills and concepts (e.g., systems of equations, quadratics, functions, probability, statistics). The student learns through a variety of strategies, techniques (e.g., graphic organizers, *Teaching and Learning with Text*), and technology (e.g., graphing calculators, computers) designed to improve the student's abilities to interpret the text, problem solve, and make connections to real-world solutions.

## PHYSICAL EDUCATION – HEALTH DEPARTMENT

The following courses can be taken as core courses classes or as elective credit. Please see pages 46-49 for the course description and requirements.

- Foundations of Physical Education
- Health
- Lifetime Sports I
- Team & Individual Sports I
- Weight Training I
- Yoga I
- Interscholastic Athletics I

## **LIFETIME SPORTS II - 90101**

**1 Year**

**Grades:** 10 - 12

**Prerequisite:** Lifetime Sports I

**Special Requirement:** *Fees for field trips may be charged. The class will go on field trips during the year.*

Lifetime Sports II emphasizes an extension and refinement of techniques, skills, and strategies from activities directly related to Lifetime Sports, and continues to prepare the student to aid with teaching and coaching of these activities to young children. The student is exposed to a focus on individual, dual, and small group non-traditional activities that tie to activity and life outside of school. This more in-depth focus brings in cross curricular content through the use of outdoor, recreational, and leisure activities that may include but are not limited to: golf, badminton, swimming, bowling, archery, tennis, fishing & angling, orienteering, weight lifting, cycling mountaineering, and racquet handball. Literacy strategies are integrated throughout the course. Skills and knowledge acquired in this course can be applied to careers in hospitality and tourism, education and training, arts and entertainment, and health and bioscience pathways.

## **TEAM & INDIVIDUAL SPORTS II, III - 90161/90162**

**1 Year**

**Grades:** 10 - 12

**Prerequisite:** Team & Individual Sports I

**Special Requirements:** *Fees for field trips may be charged. The class will go on field trips during the year.*

**Course Fee:** \$15/year

Team and Individual Sports emphasizes learning and improving techniques, skills, and strategies in team and individual sports, and prepares the student to aid with teaching and coaching sports to young children. The student is introduced to at least six of the following sports or activities, but not limited to: badminton, European handball, flag football, soccer, basketball, tennis, lacrosse, ultimate Frisbee, racquetball, and softball. Literacy strategies are integrated throughout the course. Skills and knowledge acquired in this course apply to the education and training career cluster, teaching/training pathway which includes sports administration and sports management, and sports officiating. T & I knowledge and skills are also supportive of the Health Sciences cluster, specifically supporting the therapeutic services and diagnostics services pathways.

## **YOGA II - 90451**

**1 Year**

**Grades:** 10 - 12

**Prerequisite:** Yoga I

**Special Requirements:** *Individual mat and proper athletic gear.*

Yoga II builds on the skills acquired in Yoga I. The goal is achievement of healthy behaviors that endure throughout life. The student works at a pace that fits in with his/her established personal goals. The focus of this class is on motor learning strategies, body awareness, stress reduction, breath work, balance, and functional movement. The student gains muscular strength, endurance, and flexibility. Areas of study include, but are not limited to, movement forms, movement concepts and principles, physically active lifestyle, physical fitness, personal and social behaviors, cultural awareness, career options, and personal enjoyment. Reading, writing, speaking, and research strategies are integrated throughout the course.

## **YOGA III - 90453**

**1 Year**

**Grades:** 11 - 12

**Prerequisite:** Yoga II

**Special Requirements:** *Individual mat and proper athletic gear.*

Yoga III builds on the skills acquired in Yoga I & II. The goal is achievement of healthy behaviors that endure throughout life. The student works at a pace that fits his/her established personal goals. The focus of this class is on motor learning strategies, body awareness, stress reduction, breath work, balance and functional movement. The student gains muscular strength, endurance, coordination, and flexibility. Areas of study include, but are not limited to, movement forms, movement concepts and principles, physically active lifestyle, physical fitness, personal and social behaviors, cultural awareness, career options, and personal enjoyment. Reading, writing, speaking and research strategies are integrated throughout this course.

## **WEIGHT TRAINING II - 90422**

**1 Year**

**Grades:** 10 - 12

**Prerequisite:** Weight Training I

**Special Requirements:** *Lifting belts are recommended. Suitable workout clothing and shoes are required.*

**Course Fee:** \$15/year

Weight Training II is an advanced weight-training course. The students will investigate advanced techniques in all lifts, techniques, and methods. Bodybuilding, powerlifting, and Olympic-style lifting techniques will be introduced and used. Additional emphasis is placed on steroid and other supplement use and abuse.

## **WEIGHT TRAINING III - 90423**

**1 Year**

**Grades:** 11-12

**Prerequisite:** Weight Training II

**Special Requirements:** *Lifting belts are recommended. Suitable workout clothing and shoes are required.*

**Course Fee:** \$15/year

Weight Training III is designed for the student who is earnest about strength development. The students must demonstrate knowledge of safety, spotting techniques, styles of lifting, and strength development programs. Competitive training techniques will be emphasized along with recent trends in strength training.

## **AEROBICS AND BODY CONDITIONING (WEIGHTS IV) - 90446**

**1 Year**

**Grades:** 12

**Prerequisite:** Credit for Foundations of Physical Education, Weight Training I, II, and III and permission of instructor

**Special Requirements:** *Lifting belts are recommended. Suitable workout clothing and shoes are required.*

**Course Fee:** \$15/year

Weight Training IV is designed for the student who is earnest about strength development. The students must demonstrate knowledge of safety, spotting techniques, styles of lifting, and strength development programs. Competitive training techniques will be emphasized along with recent trends in strength training.

## **INTERSCHOLASTIC ATHLETICS II-9242 A- M** *(see course selection card)*

**1 Year**

**Grades:** 10-12

**Prerequisites:** Credit for Foundations of Physical Education, Interscholastic Athletics I and permission of instructor

**Special Requirements:** *Enrollment in this course is limited to student athletes who are eligible to participate in a school-sponsored athletic program. Participation in competitions is required. The student may be expected to purchase personal equipment or supplies, provide evidence of a physical examination, and comply with all requirements of APS and New Mexico Activities Association for participation in the sport.*

The course will focus on thorough knowledge of rules, injury prevention through safety measures, and development of consistent levels of performance through personal physical fitness. Students will begin to take leadership responsibility for team motivation and success.

## **INTERSCHOLASTIC ATHLETICS III-9243 A- M** *(see course selection card)*

**1 Year**

**Grades:** 11-12

**Prerequisites:** Credit for Foundations of Physical Education, Interscholastic Athletics II and permission of instructor

**Special Requirements:** *Enrollment in this course is limited to student athletes who are eligible to participate in a school-sponsored athletic program. Participation in competitions is required. The student may be expected to purchase personal equipment or supplies, provide evidence of a physical examination, and comply with all requirements of APS and New Mexico Activities Association for participation in the sport.*

The course will focus on developing a thorough knowledge of all aspects of the sport, including application of rules in complex situations, strategy and tactics necessary for successful team performance and personal physical fitness. Students will be expected to take leadership responsibility for team motivation and success.

## **INTERSCHOLASTIC ATHLETICS IV-9244 A-M** *(see course selection card)*

**1 Year**

**Grades:** 12

**Prerequisites:** Interscholastic Athletics III, and permission of instructor

**Special Requirements:** *Enrollment in this course is limited to student athletes who are eligible to participate in a school-sponsored athletic program. Participation in competitions is required. The student may be expected to purchase personal equipment or supplies, provide evidence of a physical examination, sign a contract, and comply with all requirements of APS and New Mexico Activities Association for participation in sports/activities.*

Students demonstrate an understanding of rules in complex situations and implement strategies and tactics involved in team performance and are role models in team leadership and motivation.

## **SPORTS MEDICINE I-90700**

**1 Year**

**Grades:** 10-12

**Prerequisites:** Health I

**Special Requirements:** *30hrs./semester with athletic team/training room, CPR, and First Aid, Specific dress code may be required. This course may require outside observation hours at athletic events or practice.*

**Course Fee** \$25/year

This course is recommended for students who are considering a career in the health or medicine-related fields. The students will examine anatomical and physiological systems of the human body and how they relate to physical activity. Special attention will be given to the following topics: skeletal, muscular, respiratory and nervous systems, the prevention, cause/effect, treatment and reconditioning of athletic injuries, emergency care and first aid, and athletic training.

## **SPORTS MEDICINE II-90701**

**1 Year**

**Grades:** 11-12

**Prerequisites:** Sports Medicine I

**Special Requirements:** *30hrs./semester with athletic team/training room, CPR, and First Aid, Specific dress code may be required. This course may require outside observation hours at athletic events or practice.*

**Course Fee** \$25/year

Sports Medicine II is recommended for students serious about health-or medical-related fields. Students will acquire knowledge of sports-related injury recognition and prevention, emergency care and first aid, and rehabilitation. Special emphasis will be placed on musculoskeletal, cardio respiratory, and neuromuscular body systems as well as evaluation techniques and disposition of athletic injuries.

## **SPORTS MEDICINE III-90702**

**1 Year**

**Grades:** 12

**Prerequisites:** Sports Medicine II

**Special Requirements:** *30hrs./semester with athletic team/training room, CPR, and First Aid, Specific dress code may be required. This course may require outside observation hours at athletic events or practice.*

**Course Fee** \$25/year

Sports Medicine III is recommended for the student with a strong desire to investigate a medical-related field. The student investigates sports-related injuries in the areas of recognition and prevention; evaluation; first aid and emergency care; and rehabilitation. Other topics of special emphasis, but not limited to, are body systems, exercise physiology, kinesiology and conditioning, and epidemiology. Literacy strategies are integrated throughout the curriculum. Skills and knowledge acquired in this course can be applied to the Health Science Career Pathway and its respective pathways.

## SCIENCE ELECTIVES

The following courses can be taken as core courses classes or as elective credit. Please see page 38 for the course description and requirements.

- AP Biology
- AP Chemistry

### ASTRONOMY I - 43131

1 Year

**Grades:** 10 - 12

**Prerequisite:** Algebra I

**Lab Fee:** \$20/year

This laboratory course is designed to teach the student to develop a clear understanding of the universe, Milky Way, stars, solar system, and the Earth's position. The student studies the formation of the solar system, working of the sun, comparison of planets, orientation and placement of the Earth in the Milky Way galaxy, formation of galaxies, theories about cosmology, the Big Bang, and the possibility of life in the universe. The history and development of astronomy, the major tools, including ground-based and space-based telescopes, spectroscopy, are investigated intensely. Astronomy uses algebra and geometry to support a deeper understanding of celestial mechanics, Kepler's and Newton's laws, and methods of measuring stars. The student studies the life cycles of stars, including stellar evolution, supernovae, neutron stars, and black holes. The student examines scientific thinking and practices and how science impacts individuals and society. Literacy strategies (e.g., reading, writing, speaking, research) are integrated throughout the curriculum. A variety of labs, projects, field trips, and the use of the Internet supplement the class activities.

### ANATOMY & PHYSIOLOGY - 44115

1 Year

**Grades:** 11 - 12

**Prerequisite:** Biology I and Chemistry I

**Lab Fee:** \$25/year

Anatomy and Physiology is a survey course of study directed through the anatomical and physiological systems of humans. This laboratory course is designed for the student interested in health occupations and in how the body works. The student explores the structure and function of systems and how each contributes to the complete homeostasis of the body, including integumentary, skeletal, muscular, nervous, circulatory, digestive, renal, and respiratory. The student also participates in the examination of cells, histology, and basic chemistry as it applies to the study of physiology. Dissection of a cat and other organs is required for the anatomy portion of the course.

### FORENSICS - 43142

1 Year

**Grades:** 9 - 12

**Lab Fee:** \$20/year

This laboratory course focuses on the application of scientific principles to legal issues and evidence. Students will develop logical reasoning skills, learn how to analyze different types of evidence, and explore career options in the Forensic fields. Units of study will include Types of Evidence, Fingerprint Analysis, DNA Analysis, Forensic Anthropology, Forensic Pathology, Toolmark Analysis, Trace Evidence Analysis, Crime Scene Processing, and more. Case studies will enhance each unit. Mature behavior is required due to the nature of the content covered; a parent permission form is required to view forensic-related material.



## AP ENVIRONMENTAL SCIENCE - 44135

1 Year

**Grades:** 10 - 12

**Prerequisite:** Algebra I and Biology I

**Lab Fee:** \$20/year

This laboratory class is designed to provide the student with the scientific principles, concepts and methodologies required to understand, identify, and analyze environmental problems both natural and man-made, and to examine alternative solutions for resolving and/or preventing them. The course is interdisciplinary, covering topics in the fields of geology, biology, chemistry, geography, and physics. The student examines the following themes: science is a process; energy conversions underlie all ecological processes; the Earth itself is one interconnected system; humans alter natural systems; environmental problems have cultural and social contexts; and human survival depends on developing practices that will achieve sustainable systems. The student is encouraged, but is not required, to take the AP exam at the end of the school year. The student may be expected to complete some course assignments outside the school year (i.e., summer). Field trips will take place on some Saturdays as well as in the regular school schedule. Students earn a weighted grade for this course.

## AP PHYSICS II - 43181

1 Year

**Grades:** 11 - 12

**Prerequisite:** AP Physics I or a comparable introductory course. Students should have taken or be concurrently taking Algebra II or higher

**Lab Fee:** \$20/year

AP Physics II is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. 25% of the instructional time will be spent in hands-on laboratory work on inquiry-based laboratory investigations that provide students with opportunities to apply the science practices.

# SOCIAL STUDIES DEPARTMENT

The Social Studies program focuses on people, on the world, and on the relationships between the two. It draws substance from the disciplines of anthropology, economics, geography, government, history, philosophy, and sociology.

The Social Studies curriculum seeks to help students become thinkers who take responsibility for their actions; citizens who are willing to hear both sides of a debate and form opinions based on reasoned inquiry; and people who value character in its various manifestations.

Students are required to pass the following courses to fulfill graduation requirements:

- World History and Geography (1 year)
- U.S. History and Geography (1 year)
- Government (1 semester)
- Economics (1 semester)

# SOCIAL STUDIES ELECTIVES

## REEL (FILM) HISTORY I - 16025

1 Year

**Grades:** 10 - 12

**Course Fee:** \$5/year is collected from each student for rental of pertinent films.

Reel History I is a comparative study between film and United States history.

Exploration of fact and fiction is made through the use of various film genres in an attempt to understand popular culture and its role in the history of the United States. The student recognizes the relationships between social studies and films, applying a base of Social Studies knowledge to recognize allusions to important places, persons, and events in media. The student examines questions as to why and how things have changed, using this information to predict what may happen in the future. Areas of study include, but are not restricted to, historical relevance, major film players, analysis and interpretation, expression of ideas, appreciation of film as an art form, and media literacy.

**HISTORY OF ROCK ‘N’ ROLL - 11028****1 Year****Grades: 9-12**

This course focuses on the comparative study between rock and roll music and American History. The student explores the birth of Rock and Roll in the 1950s and examines the various trends that evolved. The student analyzes how Rock and Roll music often reflects the political and/or social values of the time period. The course also offers the student opportunities for appreciation of the various music genres by listening, analyzing, and evaluating the artists that best represent eras or music types. Areas of emphasis include, but are not limited to: rockabilly roots, teen idols, surf, Motown, British invasion, protest songs, psychedelic rock, heavy metal, and grunge.

**ETHNIC STUDIES/ GLOBAL ETHNIC STUDIES AND CHICANO STUDIES  
(UNM DUAL ENROLLMENT) -- 51211****1 Year****Grades: 11 - 12**

In Ethnic, Cultural, and Identity Studies, students will demonstrate an understanding of diversity and identity within differently abled people, cultures, ethnicities, genders, nationalities, races, and religious identities. Students will demonstrate an understanding of identity within history and an understanding of community equity building. Students will construct compelling and supporting questions, gather and evaluate sources, develop claims, and communicate and critique conclusions. Finally, students will take informed action. This course requires dual enrollment with UNM and the school course. The first semester is Global Ethnic Studies. The second semester is Chicano Studies.

**LAW - 16020****1 Year****Grades: 10 - 12**

In Law, the student studies the American legal system and its application in daily life. Major areas of study are basic law concepts, criminal law, civil law, constitutional law/individual rights, law in daily life, and juvenile law. The course deals with contemporary law-related public issues and provides the student with the ability to identify, analyze, and evaluate ways to resolve legal disputes. The student is provided the opportunity to gain knowledge of the legal system and everyday legal problems. Guest speakers from the legal community will contribute to our learning of court proceedings to aid our preparation for mock trials. Reading, writing, listening, speaking, and research strategies are integrated throughout the course. Course work will emphasize role-plays, mock trials, debates, and discussions. This course surveys the American legal system to provide practical information and problem-solving opportunities that develop in students the knowledge and skills necessary for survival in our law-saturated society. The course will deal with contemporary law-related public issues, including gangs, guns, and substance abuse. The course will involve not only criminal law, but also civil law, and alternative punishments for violations against the public order. The course will include examination of Constitutional law, case studies, small group exercises, and visual analysis activities.

**AP EUROPEAN HISTORY - 16042****1 Year****Grades: 11 - 12**

Advanced Placement European History is a college level survey course that covers the time period from approximately 1450 until present. The course builds on an understanding of economic, social, cultural, intellectual, political and diplomatic themes in European history. The student is expected to develop analytical thinking and persuasive writing skills in dealing with historical evidence and interpretation. The course emphasizes and develops close reading, writing and research skills that are necessary for success in the class. Literacy is integrated throughout the course. The knowledge and skills acquired in this course can be applied in the Education and Training, and Government and Public Administration career clusters.

## **AP AFRICAN AMERICAN STUDIES - 51251**

**1 Year**

**Grades: 10 - 12**

AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. The course focuses on four thematic units that move across the instructional year chronologically, providing students opportunities to examine key topics that extend from the medieval kingdoms of West Africa to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This new course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora. AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. The course focuses on four thematic units that move across the instructional year chronologically, providing students opportunities to examine key topics that extend from the medieval kingdoms of West Africa to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This new course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

## **SOCIOLOGY - 16042**

**1 Semester**

**Grades: 10-12**

**Special Requirements:** This course must be taken in opposite Psychology 53040

Sociology is the study of groups of people and the ways in which they are similar and different. Areas of study include, but are not limited to, sociological perspective, culture, interaction and social structures, socialization, social institutions, social groups, deviance, and social stratification. Reading, writing, and speaking strategies are integrated throughout the curriculum.

## **PSYCHOLOGY - 53040**

**1 Semester**

**Grades: 10-12**

**Special Requirements:** This course must be taken opposite Sociology 16042

Psychology is the scientific study of the behavior of individuals and their mental processes. This course attempts to make a meaningful understanding of psychology in the student's individual life. Areas of study include, but are not limited to, approaches and methods; brain, body, and behavior; personality and human growth; consciousness and altered states; and psychological disorders and treatment. Literacy (e.g., reading, writing, speaking) strategies are integrated throughout the curriculum.

## **AP PSYCHOLOGY - 53041**

**1 Year**

**Grades: 10 - 12**

The AP Psychology course introduces the student to the systematic and scientific study of the behavior and mental processes of human beings and other animals. The student is exposed to the psychological facts, principles, and phenomena associated with each of the major fields within psychology (e.g., biological bases of behavior, sensation and perception, learning, cognition, motivation and emotion, states of consciousness, developmental psychology, personality, experimental and correlational design, abnormal psychology, treatment of psychological disorders, ethical use of data). The student also learns about the methods psychologists use in their science and practice. Literacy strategies and techniques are integrated throughout the curriculum.

## **AP HUMAN GEOGRAPHY - 16015**

**1 Year**

**Grades: 9 - 12**

Students examine five important themes in geography - location, place, human-environment interaction, movement, and region - at national and international levels to acquire an organized understanding of the world in which they live. Course standards address knowledge about physical and human geography; enhanced understanding of the interrelatedness of the world's regions and cultures; and application of social studies skills to acquire, examine, and analyze information and concepts. It is highly recommended that students take the AP Human Geography course to prepare for the AP World History course.

## SPECIAL EDUCATION DEPARTMENT

Admission into special programs is determined by the following criteria:

1. Referral
2. Parental permission
3. Multidisciplinary diagnostic evaluation
4. Identification of an exceptionality
5. Eligibility determined by the Multidisciplinary Evaluation Team (MET)
6. Individualized Education Program (IEP) committee meeting to determine the educational program of the student and to develop the IEP document.

The IEP Committee, which includes the parents, determines the appropriate educational setting(s) in which the student can receive educational services consistent with annual goals and short-term objectives.

To the maximum extent appropriate, the student will participate in the general education program. The IEP Committee will decide the amount of time your child will participate in general education. Modifications and/or adaptations that are needed in the general program will also be discussed.

Educational services which will be considered (in order of consideration)

- Full time general education program with no special education services
- Full time general education program with minimal special education service
- General education program with moderate special education service
- General education program with extensive special education service
- Maximum special education service

**CURRICULUM:** The Special Education Department offers all core content courses required for graduation. Courses include appropriate special education classes in math, science, social studies, and English as determined by an I.E.P. committee.

*Courses listed will be offered upon need and determined through the Special Ed Department.*

## GIFTED CLASSES

**The following courses can be taken as core classes or as elective credit. Please see pages 45 for the course description and requirements.**

- P.O.W.E.R. Health –Philosophy of Wellness that Enriches Relationship Health

### **GIFTED CONTEMPORARY ISSUES I & II 063GC/063GD**

**1 Year**

**Prerequisite:** None for Contemporary Issues I. Contemporary Issues I prerequisite for Contemporary Issues II

***Grades 10 - 12***

Contemporary Issues II is a gifted elective course designed to provide the student with an up-to-date view of the world around us. Emphasis is placed on an analysis of real-world issues that have a direct impact on students' lives. In Contemporary Issues II the student has experiences with Problem Solving Model and selects topics of study that are global, complex, or controversial. The student improves geographic knowledge, and develops further reading, writing, and vocabulary skills as a means for understanding important issues and communicating facts, ideas, and opinions to others.

## **GREAT BOOKS I - 063GB**

**1 Year**

**Grades: 9 - 12**

Great Books I is an elective course in which the student examines a variety of literature and texts considered to be relevant within the history of human thought. The student studies and considers a broad spectrum of themes and perspectives across a variety of traditional texts while making connections between themselves, his/her peers, and society. Although there may be a wide variety of supplemental and anticipatory activities, Great Books I combines Great Books materials and the Shared Inquiry method. The Great Books I curriculum develops thinking and language together through interactive learning; develops oral language and literacy through appropriately challenging learning; draws on literature from many genres, times periods, and cultures; emphasizes writing as an essential way to develop, clarify, and communicate ideas in persuasive, expository, literary, and expressive discourse; provides for literacy in all forms of media, embeds skills instruction in meaningful learning; teaches the strategies necessary for acquiring academic knowledge and attaining independence in learning; builds on the language, experiences, strategies, and interests that the student brings to school; and develops each student's distinctive writing or speaking voice.

## **GREAT BOOKS II - 063G2**

**1 Year**

**Grades: 10 - 12**

Great Books II is an elective course in which the student builds on literary analysis and discussion skills from Great Books I in order to examine a wider variety of literature and relevant texts. The student is expected to develop skills for an increasing leadership role during discussion and text selection as well as to begin to examine sustained themes across increasingly more complicated texts. The student is also encouraged to expand the definition of relevant texts across cultures and non-traditional formats. The student studies and considers a broad spectrum of themes and perspectives across a variety of traditional texts while making connections between themselves, his/her peers, and society. Although there may be a wide variety of supplemental and anticipatory activities, Great Books II combines Great Books materials and the Share Inquiry method. The Great Books curriculum develops thinking and language together through interactive learning; develops oral language and literacy through appropriately challenging learning; draws on literature from many genres, time periods, and cultures; emphasizes writing as an essential way to develop, clarify, and communicate ideas in persuasive, expository, literary, and expressive discourse; provides for literacy in all forms of media, embeds skills instruction in meaningful learning; teaches the strategies necessary for acquiring academic knowledge and attaining independence in learning; builds on the language, experiences, strategies, and interests that the student bring to school; and develops each student's distinctive writing or speaking voice.

## **ACADEMIC CAREER EXPERIENCES I, II, III (Gifted Mentorship) 0631G / 0634G / 0637G**

**1 Year**

**Grades: 10 - 12**

This is an introductory course in career exploration for gifted students. Students are required to work with a mentor for a minimum of 5 hours per week for 16 weeks or a total of 70 hours per semester. Students are required to keep a weekly journal of activities and attend a weekly lunch seminar with the sponsor teacher.

## **GUIDED STUDY I & II- 063GH/O63GI**

**1 Semester**

**Grades: Guided Study I 9-12, Guided Study II 10- 12**

**Prerequisite:** None for Guided Study I. Guided Study I for Guided Study II

The student designs a Guided Study program so he or she explores and acquires a strong knowledge base in an area of individual interest; exercises independence in learning; develops basic research skills and study skills; develops skills specific to an area of individual interest; develops a variety of presentation and communication skills; develops critical thinking and problem-solving skills; explores career fields of individual interest; develops goal setting and decision-making skills; and practices time management and organizational skills. This class is taken in conjunction with online New Mexico history.

## APS INDIAN EDUCATION INDIGENOUS EDUCATION PROGRAMS

Indian Education's Indigenous Education Programs will now be offered at Albuquerque High School. Students who enroll in a course will be able to take the CEC buses that are offered at their home school.

### **NATIVE AMERICAN STUDIES & GOVERNMENT / ECONOMICS**

**Grades:** 9th, 10th, 11th, 12th

**Prerequisites:** None

**Additional requirements:** Students must register through separate Google Form. See your School Counselor for the link

**Fees:** None

**Dual Credit:** No

This course offers both Government and Economics credit and meets the APS graduation requirement and state content standards. The course teaches Government and Economics through a Native American perspective. Government (Fall Semester w/Native Studies I) is a required course that provides the student with a framework for understanding the purposes, principles, and practices of American and Native American (Tribal) government as established by the United States Constitution. The student analyzes the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. In addition, he/she examines his/her rights and responsibilities as a dual citizen and how to exercise them as well as experience the political process at local state, tribal, and national levels of governments. Economics (Spring Semester w/Native Studies II) is a semester course with an emphasis on the allocation of scarce resources and the economic reasoning used by government agencies, Native American tribes, and by people in various economic roles. The student examines topics such as scarcity, supply and demand, market structures, the role of government, money, the role of financial institutions, and international trade. Native American Studies I (Fall semester with Government) and Native American Studies II (Spring semester with Economics) - A general survey course that traces the cultural and historical development of Native American nations from pre-history to present. Additional Course Information: \*Students receive 1.5 credits per semester for these classes. These classes cannot be split up and must be taken together to receive credit. Session / Days / Times Course Length Credit Information Session II Mon thru Fri • 1:40-3:10 pm Full Year 1.5 credits per semester Fall semester: Government / Native Studies I Spring semester: Economics / Native Studies II

### **NATIVE AMERICAN LEADERSHIP AND PERFORMING ARTS**

**Grades:** 10th, 11th, 12th

**Prerequisites:** None

**Additional requirements:** Students must register through separate Google Form. See your School Counselor for the link

**Fees:** None

**Dual Credit:** No

Native American Leadership is an advanced Native American Studies (NAS) course designed for students who take an additional interest in the Native American Performing Arts. This course is designed to give a thorough and in depth look at contemporary and traditional forms of Native American leadership and government. It allows students to explore performing arts by applying music and leadership to the knowledge learned in previous NAS classes by asserting and demonstrating leadership, motivational, and skills-building techniques. Expectations are high as students are required to head school and community project planning committees, present information to a variety of audiences using various mediums and technologies (e.g., video, power point, poster boards), and communicate and engage with local Native American organizations. Native American Classes 48 Session / Days / Times Course Length Credit Information Session IIIA Mon & Wed • 3:10-5:10 pm \*Students will be expected to participate in after-school events and activities. Full Year 1.5 elective credits per semester.

### **NAVAJO HISTORY AND GOVERNMENT**

**Grade:** 12th

**Prerequisites:** A CIB and a 506 Form on file with Indian Education Department

**Additional requirements:** Students must register through separate Google Form. See your School Counselor for the link

**Fees:** None

**Dual Credit:** No

Navajo History and Government will offer the history and government of the Navajo Nation. Major historical themes include the Navajo Creation story, Navajo Long Walk, Stock Reduction, and the Navajo Code Talkers. Major government themes will include the traditional Navajo leadership, the Navajo Treaty of 1868, the evolution of the Navajo Nation Chapters, evolution of the Navajo Tribal Council, and the Navajo government today. Curriculum is developed by the Navajo Nation Office of Dine' Culture, Language and Community Services and is designed to qualify Navajo Nation students for the Chief Manuelito Scholarship. Additional Course

Information: This class does NOT count for Govt credit for graduation purposes. Session / Days / Times Course Length Credit  
Information Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am Fall -OR- Spring semester 0.5 elective credit per semester

### **NAVAJO LANGUAGE I / II**

**Grades:** 10th, 11th, 12th

**Prerequisites:** Students taking Navajo II must have a passing grade in Navajo I. Students also must be enrolled in a federally recognized tribe and have a 506 and CIB data on file with the district.

**Additional requirements:** Students must register through separate Google Form. See your School Counselor for the link

**Fees:** None

**Dual Credit:** Yes - IAIA

Would you like to learn a language spoken by grandparents, parents, and tribal leaders? This class teaches students to read and write Navajo and opens doors to understand Southwestern culture: • This class will allow students to study Navajo culture, traditions, and language. • Successful completion of both classes will qualify students for the district and state bilingual seals. • This class satisfies the language requirement to be eligible for the Chief Manuelito Scholarship, which is given only to eligible Navajo students who have taken a Navajo class. Students also need 0.5 credit of Navajo Government and a 3.0 GPA. Navajo I (IAIA NAVJ101\*): Introduces students to the basic skills – listening and speaking – and to the basic structures of Navajo taught within the cultural context. Areas of study include expression, comprehension, language and culture, language functions, connections and personal applications. Emphasis is placed on listening and speaking, communication skills, and cultural activities. 49 Navajo II (IAIA NAVJ102\*): Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the student develops the ability to write and speak in a meaningful and appropriate manner. Navajo II continues the focus on the basic language skills: listening, speaking, reading, and writing as well as encourages deeper appreciation of the Navajo culture and language. Areas of study include expression, comprehension, language and culture, cultures, language functions, connections, and personal applications. Emphasis is placed on applying oral, written, communication skills to personal, academic, and cultural activities. Additional Course Information: IAIA Dual Credit may be available, but is not guaranteed.\*\* IAIA Dual Credit may be available but not guaranteed.

### **NAVAJO LANGUAGE III / IV**

**Grades:** 10th, 11th, 12th

**Prerequisites:** Successfully completed Navajo I and II. Students also must also be either enrolled in a federally recognized tribe with a CIB on file or of tribal descent and have a completed 506 on file with the district.

**Additional requirements:** Students must register through separate Google Form. See your School Counselor for the link

**Fees:** None

**Dual Credit:** Yes - IAIA

Navajo III is an intermediate Navajo language course for students with previous exposure (e.g. Navajo I and Navajo II). This class will focus on the continued development of all four language skills (speaking, listening, reading, writing), with an emphasis on listening and speaking. The goal of this course is to develop Navajo language skills to be able to communicate at the intermediate level (low-mid). The course will use a communicative approach for students to learn about the fundamentals of conversation, vocabulary, and grammar. Lessons are enhanced with learning opportunities that connect families, community and school. Navajo IV is a continuation of NAVAJO III and builds on those concepts. This class continues to focus on the continued development of all four language skills (speaking, listening, reading, writing), with an emphasis on listening and speaking. The goal of this course is to develop Navajo language skills to be able to communicate at the intermediate level (high). The course will use a communicative approach for students to learn about the fundamentals of conversation, vocabulary, and grammar. Students at this level are fully immersed with learning opportunities that connect families, community and school to prepare for the APS and State Bilingual Seals. Includes a portfolio and essay component.

### **SHIWI'MA BENA:WE / ZUNI LANGUAGE I / II**

**Grades:** 10th, 11th, 12th

**Prerequisites:** Students will be an enrolled member of the Pueblo of Zuni and have a 506 and a CIB document on file with the APS Indian Education Department. Students taking Zuni II will have successfully completed Zuni I.

**Additional requirements:** Students must register through separate Google Form. See your School Counselor for the link

**Fees:** None

**Dual Credit:** Yes - IAIA

Would you like to learn a language spoken by your grandparents, parents, and tribal leaders? Zuni language classes reconnect students to their families and communities. Zuni students will: • Be immersed in listening, speaking, reading, and writing the Zuni language. • Successfully complete Zuni I and II language classes and qualify for the APS Indian Education Department's Native American

Bilingual Seal and state bilingual seal. Zuni I: introduces students to the basic skills – listening and speaking – and to the basic structures of Zuni taught within the cultural context. Areas of study include expression, comprehension, language and culture, language functions, connections and personal applications. Emphasis is placed on: • Listening, and speaking • Communication skills • Cultural activities Zuni II: Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the student develops the ability to write and speak in a meaningful and appropriate manner. Zuni II continues the focus on the basic language skills and proceeds to an intermediate level of listening, speaking, reading, and writing as well as encouraging deeper appreciation of the Zuni language and culture. Areas of study include expression, comprehension, language and culture, cultures, language functions, connections, and personal applications. Emphasis is placed on applying oral, written, communication skills to academic, personal, and Zuni language activities.