



**DUAL GRADUATION**



Albuquerque Public Schools  
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Zone 2 - Dr. Antonio Gonzales: Atrisco Heritage Academy HS, Rio Grande HS, West Mesa HS, School on Wheels,  
New Futures HS, College and Career HS

Zone 3 - Amanda DeBell: Cibola HS, Valley HS, Volcano Vista HS, eCademy, CEC/ECA

Zone 4 - Troy Hughes: Del Norte HS, Eldorado HS, La Cueva HS, Sandia HS Freedom HS, Nex+Gen Academy

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District 3 – Danielle Gonzales

District 4 – Barbara Petersen

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## FROM THE SUPERINTENDENT:

Dear APS Students,

It is my joy to greet you as you choose your classes for the 2022-23 school year. As I write this, we are living through one of the most confounding times in history, a period we won't soon forget. Still, I remain hopeful that the coming year will be another step in our transition back to normal. I bet you're feeling the same way. I am excited to walk the halls of your school, pop in on your classes, talk to you about your learning, cheer you on at your games, concerts, plays, debates, and other activities.

As an old high school teacher and principal, I offer you a bit of advice as you decide what classes to take next year. Be thoughtful and choose wisely. Remember, you are building the educational foundation for the rest of your life. Many of your classes are required, but you also have choices, and our schools offer many options. For some of you, those choices are easy – you already know what you love. But others are still casting about for what interests them. That's OK. Often, passion evolves out of experiences, so don't be afraid to try something new or different. Select courses that sound interesting, and you might find what you love to do. I believe that will help you have a fun school year filled with laughter and learning.

Be strong as you finish up this year, and I look forward to seeing you in the fall!

Best regards,

Scott Elder, M.Ed, MBA  
Superintendent

## FROM THE PRINCIPAL:

Dear Students and Families,

I am excited and looking forward to another great school year in 2022-2023! As a New Mexico Department of Education designated Early College High School, the vision of College and Career High School (CCHS) is dual graduation; and our mission to support all students in their college and career goals. This means that our expectation is our students graduate with not only their high school diploma but also either an Associate's Degree or Certification.

How would you like for your student to graduate from high school with an Associate's Degree or Certificate- for free? Most courses your student will take at CNM will transfer to UNM. If a CCHS student earns an Associate's Degree, two years of college will be completed. That could be a huge cost savings to your family. With a 90+% graduation rate, CCHS is consistently rated among the best high school in the state.

CCHS is a small school, with only 260 students. Our low enrollment provided for smaller class sizes, and a personalized environment in the classroom and on campus. We are located on the main campus at CNM, and the 2022-2023 year is our tenth year of existence as a dual graduation APS high school in partnership with CNM.

There are numerous benefits to attending our school. We have an extensive number of resources between CCHS staff and faculty and CNM to assist your student in their academic goals. We are founded on the principle of high academic standards, and on providing for all students the support they need to pursue and achieve long term success. My hope is that you enjoy the information provided in this catalog and that you consider CCHS an option for your future.

Thank you for your interest in College and Career High School.

Sincerely,

Leigh Cavazos Galvez, Principal  
College and Career High School

# COLLEGE AND CAREER HIGH SCHOOL

## *Dual Graduation*

*We Support Students in Their College and Career Goals*

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# GENERAL INFORMATION

## SCHOOL PROFILE

College and Career High School (CCHS) is an APS magnet public high school with approximately 270 students. We are a high school on the main Central New Mexico Community College (CNM) campus that allows students to complete their high school diploma while earning a college certificate or two-year degree.

The school year consists of three terms—a fall and spring, and a required summer term. One term of a CCHS class equates to one full course credit, the equivalent of a full year at a traditional high school. We do not follow the traditional calendar for APS schools. We post our own school calendar with holidays, breaks, and important school dates on our website [cchs.aps.edu](http://cchs.aps.edu).

Our school is open to 9th–12th grade students from across the greater Albuquerque community.

## HOW TO APPLY

CCHS attracts a wide variety of students from all geographic areas and socioeconomic groups in Albuquerque. Students interested in a challenging academic and career focused program are encouraged to apply. The application link can be found on our website, [cchs.aps.edu](http://cchs.aps.edu).

Interested students must complete the application which includes a personal statement and recommendation forms.

10th–12th grade applicants must provide official transcripts.

9th grade applicants who have earned high school credits must also provide official transcripts.

## 9TH GRADE ACADEMY ENROLLMENT INFORMATION

**Admission Criteria:** Students must have successfully completed 8th grade to apply. Some students earn high school credits during 8th grade. To get credit for those courses students must submit an official transcript.

**Admission Lottery:** Applications will not be accepted until all parts of the application are complete. As a magnet school with limited enrollment, CCHS will hold a lottery to determine placement. Students who submit complete applications by the deadline will be eligible for the lottery process. CCHS staff will assign the application a number corresponding to the order in which it was received. After all completed applications have been reviewed and assigned a number, a lottery for each grade level will be held. Numbers will be randomly drawn until we reach capacity. Applicants whose number are drawn will then be eligible to officially enroll at CCHS for the following school year. Applicants whose number was not drawn will be placed on a waiting list. A detailed explanation of the lottery process can be found at [cchs.aps.edu](http://cchs.aps.edu) and also is available upon request.

All 9th grade Academy students are required to take the state and district mandated tests. Also, 9th grade Academy students must meet minimum enrollment requirements to participate in athletics or activities per New Mexico Activities Association regulation.

**Deadlines:** The CCHS application process opens in November and closes in February.

## 10TH–12TH GRADE ENROLLMENT REQUIREMENTS

At CCHS, CNM courses fulfill elective credit requirements for high school graduation; therefore, in the fall and spring terms, CCHS students must be enrolled in both APS and CNM classes. In the summer, students must take CNM classes.

APS has established minimum enrollment requirements for high school graduation. For CCHS students, the minimum enrollment requirement is four credits in the fall, four in the spring, and two credits in the summer. Typically, in the fall and spring of the sophomore and junior year, two of the credits are high school courses and the other two are college courses; in the summer both credits are college courses. In the fall and spring of senior year, one credit is a high school course, the other three are college courses. See pages 9-11 for samples.

All CCHS students are required to take all standardized tests. Also, students must meet minimum enrollment requirements to participate in athletics or activities per New Mexico Activities Association regulation.

After being accepted to CCHS, students will receive instructions from the Academic Advisor about preparing for and taking the ACCUPLACER. The ACCUPLACER is a test that assesses skills in reading, sentence skills (English) and math to determine which college-level classes the student is prepared to take. CNM has established the minimum scores needed to enroll in college classes. Students who need to improve their ACCUPLACER scores have access to various supportive programs, such as college success courses, summer session and tutoring.

## TRANSFER STUDENTS

Students entering from schools other than APS must provide official documentation (an official transcript) of grades and credit earned. Students from a non-accredited school will receive credit on a pass/fail basis per APS policy. Students who have been home-schooled must provide a portfolio demonstrating evidence of 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.

## SIGNING UP FOR CLASSES: 10TH–12TH GRADE ONLY

CCHS builds the student's schedule of classes on the basis of APS curriculum requirements, the college and career pathway the student has selected, and available CNM classes. Our CNM Academic Advisor will help students explore their interests and register them in CNM classes. CNM lists pre and corequisites in course descriptions, and students must meet these requirements in order to register. Students should choose courses carefully in consultation with our academic advisor and school counselor. Students are expected to be available for CCHS and CNM classes during regular school hours (7:30am-3:35pm). Depending on a student's program of study and course availability, CNM students may be required to take classes outside of regular school hours.

There are **three** registration periods:

<b>February registration</b>	<b>High School courses for the following year CNM summer term*</b>
<b>May registration</b>	<b>CNM fall term*</b>
<b>October registration</b>	<b>CNM spring term*</b>

*\*The student must make an appointment with our CNM Academic Advisor to register for CNM courses.*

## CNM SCHEDULE CHANGES

Students must consult the Academic Advisor to discuss requirements that must be met to pursue their degree program.

All CCHS students have a CNM “registration hold” which prohibits them from adding/dropping classes on their own. Students must meet with the Academic Advisor to add or drop classes.

# 2021-2022 Majors and Concentrations

Accounting-CERT, AAS  
 Airframe Maintenance Technician-CERT  
 Alternative Teacher Licensure-Post Degree CERT  
*PreK-3rd Grade*  
*Elementary Education*  
*Secondary Education*  
*Special Education*  
 American Sign Language-CERT  
 American Studies-AAS  
 Anthropology-AA  
 Architectural Engineering Drafting Technology-AAS  
 Architectural Woodworking-CERT  
 Artificial Intelligence and Machine Learning-CERT  
 Automotive Service Fundamentals-CERT  
 Automotive Technology-CERT  
 Aviation Maintenance Technology-AAS  
 Baking-CERT  
 Bench Jewelry-CERT  
 Beverage Management-CERT  
 Beverage Production and Management-AAS  
*Brewing*  
*Distilled Spirits*  
*Wine*  
 Biology-AS  
 Biotechnology-CERT, AS  
 Bookkeeping-CERT  
 Brewing and Beverage Management-AAS  
 Brewing Technology-CERT  
 Business-AA  
 Business Administration-CERT, AAS  
*Business Administration*  
*Business Analytics*  
*Entrepreneurship*  
*Project Management*  
*Retail Management*  
*Fast Track Business Administration-AAS*  
 Career Technical-AA  
 Career Technical Education Teaching-CERT  
 Carpentry Technology-AAS  
*General Construction*  
 Certified Public Accountant (CPA) Academic  
 Requirements-Post Degree CERT  
 Chemistry-AS  
 Chicano/Chicana Studies-AAS  
 Child Development-CERT  
 CNM Fire Academy-CERT  
 CNM Law Enforcement Academy-CERT  
 Commercial Building Systems Design Coordination-  
 CERT  
 Commercial Development Design Coordination-CERT  
 Commercial, Industrial HVAC and Building  
 Performance-CERT  
 Communication-AA  
 Community Health Worker-CERT  
 Computer Information Systems-CERT, AAS  
*Computer Programming*  
*Computer Support Specialist*  
*Cyber Security*  
*Digital Media*  
*Network Administration*  
*Systems Administration*  
*Web Programming*  
 Computer Science-AS  
 Construction Estimating and Scheduling-CERT  
 Construction for Film-CERT  
 Construction Management Technology-AAS, AS  
 Cosmetology-AAS  
 Criminal Justice-AAS  
 Criminology-AA  
 Culinary Arts-AAS  
*Advanced Baking and Pastry*  
*Beverage Management*  
*Culinary Arts*  
 Culinary Fundamentals-CERT

Customer Service-CERT  
*Bilingual Customer Service*  
 Dental Assisting-CERT  
 Diagnostic Medical Sonography-AAS  
 Dietary Manager-CERT  
 Digital Media Marketing-CERT  
 Digital Marketing Strategies-CERT  
 Distilled Spirits Technology-CERT  
 Early Childhood Multicultural Education-AA  
*Birth-3rd Grade Teacher*  
*Early Childhood Program Administration*  
*Infant Family Studies*  
 Early Childhood Program Administration-CERT  
 Earth and Planetary Science-AS  
 Electrical Trades-CERT, AAS  
*Photovoltaic*  
*Programmable Logic Control*  
 Electroneurodiagnostic Technology-Post Degree CERT,  
 AAS  
 Emergency Medical Services-ER Technician-CERT  
 Emergency Medical Services-Intermediate-CERT  
 Emergency Medical Services-Paramedic-AAS  
 Emergency Medical Technician (EMT-B)-CERT  
 Emerging Applications in Applied Technologies-CERT  
 Engineering-AS  
 English-AA  
 Entrepreneurship-CERT  
 Environmental Planning and Design-AA  
 ESOL (English for Speakers of Other Languages)  
 Communication and Culture-CERT  
 Exercise Science and Wellness-AAS  
 Film-AA  
 Film Crew Technician-CERT  
 Film Production-AAS  
 Fine Arts-AA  
*Art History*  
*Art Studio*  
 Fire Science-AAS  
 Fitness-CERT  
 Food Service Management-CERT  
 General Business-CERT  
 General Studies-CERT  
 Geographic Information Technology-CERT, AAS  
 Geography and Environmental Studies-AA  
 Health Information Technology-AAS  
 Health Services Management-AAS  
 Health, Wellness & Public Safety-CERT  
 Heating, Ventilating, Air Conditioning and  
 Refrigeration Technology (HVAC)-AAS  
 History-AA  
 Hospitality & Tourism-CERT, AAS, AA  
 Human Services-AA  
 Infant Family Studies-CERT  
 Integrated Studies-AAS  
 Latin American Studies-AA  
 Liberal Arts-AA  
 Machine Tool Technology-CERT, AAS  
 Managing Fire Officer-CERT  
 Mathematical Sciences-AS  
 Medical Assistant-CERT  
 Medical Laboratory Technician-AAS  
 Medical Office Administration-CERT  
 Medical Office Receptionist-CERT  
 Modern Languages-AA  
*American Sign Language*  
*Spanish*  
 Nail Technician-CERT  
 Native American Studies-AA  
 Nursing-AAS  
 Nursing Assistant-CERT  
 Nutrition-AS  
 Office Administration-CERT, AAS  
*Medical*  
*Office Administration*

Office Receptionist-CERT  
 Online Teaching and Learning-CERT  
 Paralegal Studies- Post Degree CERT, AAS  
 Patient Care Technician-CERT  
 Payroll Clerk-CERT  
 Pharmacy Technician Advanced Level-AAS  
 Pharmacy Technician Entry Level-CERT  
 Phlebotomy Technician-CERT  
 Photovoltaic Systems-CERT  
 Physical Therapist Assistant-AAS  
 Physics-AS  
 Plumbing and Gas Fitting-CERT, AAS  
 Political Science-AA  
 Post Production Technician-CERT  
 Powerplant Maintenance Technician-CERT  
 Pre-Architecture-AAS  
 Pre-Health Sciences-CERT, AA, AS  
*General Health Sciences*  
*Pre-Medical*  
*Pre-Nursing*  
 Pre-Law-AA  
 Programmable Logic Controls (PLC) Systems-CERT  
 Project Management-CERT  
 Psychology-AA  
 Public Safety 911 Dispatcher -CERT  
 Radiologic Technology-AAS  
 Residential Carpentry-CERT  
 Residential Development Design Coordination-CERT  
 Residential HVAC-CERT  
 Residential Wiring-CERT  
 Respiratory Therapy-AAS  
 Retail Management-CERT  
 Solar Electric (Photovoltaic)-CERT  
 Spanish Interpreter-CERT  
 Spanish Language-CERT  
 Social Justice-CERT  
 Sociology-AA  
 Sterile Processing Technician-CERT  
 Substance Abuse Counselor-CERT  
 Surgical Technology-AAS  
 Sustainability-CERT  
 Surveying Technology-CERT  
 Sustainable Building Technology-CERT  
 Teacher Education-AA  
*Elementary/Special Education*  
*Secondary Education*  
 Theatre-AA  
 Transportation Technology-AAS  
*Automotive Technology*  
*Diesel Equipment Technology*  
 Truck Driving-CERT  
 Unmanned Aircraft Systems (UAS)-CERT  
 Unmanned Aircraft Systems (UAS) Fundamentals-CERT  
 Veterinary Receptionist-CERT  
 Veterinary Technology-AAS  
 Welding-CERT  
 Welding Technology-AAS  
 Wildland Firefighter Type I-CERT  
 Wine Technology-CERT  
 Yoga Instructor-CERT



Our school's stated mission is dual graduation for all our students, or Graduation<sup>2</sup>. Here are three sample programs of study that show how dual graduation may be accomplished.

### SAMPLE\* HIGH SCHOOL DIPLOMA + LIBERAL ARTS DEGREE (AA)

**\*\*This example assumes a student meets the prerequisite scores for BCIS 1110 on the Accuplacer, ACT, or SAT\*\***

CCHS/CNM Dual Graduation High School and Liberal Arts AA Degree Curriculum	CCHS Credits	CNM Credits
<b>10<sup>th</sup> grade: Fall</b>		
World History Chemistry <i>BCIS 1110: Fund. of Info Lit &amp; Systems</i> <i>COMM 1130: Public Speaking</i>	1 1 1 1 <b>(4 HS credits)</b>	  3 credit hours 3-4 credit hours <b>(6-7 college credit hours)</b>
<b>10<sup>th</sup> grade: Spring</b>		
English 10 Geometry <i>ENGL 1110: Composition I</i> <i>Elective (MATH 1215 recommended: counts for 4<sup>th</sup> yr HS Math, but does not meet AA Math requirement)</i>	1 1 1 1 <b>(4 HS credits)</b>	  3 credit hours 3 credit hours <b>(6 college credit hours)</b>
<b>Summer</b>		
<i>Science Lecture</i> <i>Science Lab</i> <i>Humanities Requirement (e.g. RELG 1110)</i>	1 .33 1 <b>(2.33 credits)</b>	3 hours 1 hours 3 hours <b>(7 college credit hours)</b>
<b>11<sup>th</sup> grade: Fall</b>		
English 11 Algebra II <i>ENGL 1120: Composition II</i> <i>CNM MATH requirement (MATH 1220 or higher)</i>	1 1 1 1 <b>(4 HS credits)</b>	  3 credit hours 3-4 credit hours <b>(6-7 college credit hours)</b>
<b>11<sup>th</sup> grade: Spring</b>		
US History Physics <i>Science Lecture</i> <i>Science Lab</i> <i>Social/Behavioral Science Requirement (e.g. SOCI 1110)</i>	1 1 1 .33 1 <b>(4.33 HS credits)</b>	  3 credit hours 1 credit hour 3 credit hours <b>(7 college credit hours)</b>
<b>Summer</b>		
<i>Modern Language (e.g. SPAN 1110)</i> <i>Humanities Requirement Elective (e.g. PHIL 1120)</i> <i>Approved Elective</i>	1.33 1 1 <b>(3.33 credits)</b>	4 credit hours 3 credit hours 3 credit hours <b>(10 college credit hours)</b>
<b>12<sup>th</sup> grade: Fall</b>		
English 12 <i>Fine Arts Requirement Elective (e.g. MUSC 1140)</i> <i>Social/Behavior Science Requirement Elect. (e.g. PSYC 1110)</i> <i>Approved Elective</i> <b>**Earn General Studies Certificate**</b>	1 1 1 1 <b>(4 HS credits)</b>	  3 credit hours 3 credit hours 3 credit hours <b>(9 college credit hours)</b>
<b>12<sup>th</sup> grade: Spring</b>		
Economics/Government <i>Approved Elective</i> <i>Approved Elective</i> <i>Approved Elective</i> <b>**Earn AA in Liberal Arts**</b>	1 1 1 1 <b>(4 HS credits)</b>	  3 credit hours 3 credit hours 3 credit hours <b>(9 college credit hours)</b>
	<u>Total Credits</u> 30 credits	<u>Total Hours</u> 60-62 hours

\*course of study will vary for each individual student depending on career pathway, course offerings and availability, and student readiness

# SAMPLE\* HIGH SCHOOL DIPLOMA + PRE-HEALTH SCIENCES/PRE-NURSING (AA)

\*\*This example assumes a student meets the prerequisite scores for BCIS 1110 on the Accuplacer, ACT, or SAT\*\*

CCHS/CNM Dual Graduation High School and AA in Pre-Health Science (Pre-Nursing Concentration)	CCHS Credits	CNM Credits
<b>10<sup>th</sup> grade: Fall</b>		
World History Chemistry <i>BCIS 1110: Fund. of Info Lit &amp; Systems</i> <i>PSYC 1110: Introduction to Psychology</i>	1 1 1 1 (4 HS credits)	3 credit hours 3 credit hours (6 college credit hours)
<b>10<sup>th</sup> grade: Spring</b>		
English 10 Geometry <i>ENGL 1110: Composition I</i> <i>MATH 1350: Intro to Statistics</i>	1 1 1 1 (4 HS credits)	3 credit hours 3 credit hours (6 college credit hours)
<b>Summer</b>		
<i>CHEM 1120: Introduction to Chemistry</i> <i>CHEM 1120L: Introduction to Chemistry Lab</i> <i>Humanities Requirement (e.g. RELG 1110)</i>	1 .33 1 (2.33 credits)	3 credit hours 1 credit hour 3 credit hours (7 college credit hours)
<b>11<sup>th</sup> grade: Fall</b>		
English 11 Algebra II <i>BIOL 1140: Biology for Health Sciences</i> <i>BIOL 1140L: Biology for Health Sciences Lab</i> <i>ENGL 1120: Composition II</i>	1 1 1 .33 1 (4.33 HS credits)	3 credit hours 1 credit hours 3 credit hours (7 college credit hours)
<b>11<sup>th</sup> grade: Spring</b>		
US History Physics <i>BIOL 2210: Human Anatomy and Physiology I</i> <i>BIOL 2210L: Human Anatomy and Physiology I Lab</i> <i>Humanities Requirement (e.g. PHIL 1120)</i>	1 1 1 .33 1 (4.33 HS credits)	3 credit hours 1 credit hour 3 credit hours (7 college credit hours)
<b>Summer</b>		
<i>BIOL 2225: Human Anatomy and Physiology II</i> <i>BIOL 2225L: Human Anatomy and Physiology II Lab</i> <i>NUTR 2110: Human Nutrition</i> <i>COMM 1130: Public Speaking or ENGL 2210: Prof. &amp; Tech. Comm.</i>	1 .33 1 1 (3.33 HS credits)	3 credit hours 1 credit hour 3 credit hours 3 credit hours (10 college credit hours)
<b>12<sup>th</sup> grade: Fall</b>		
English 12 <i>BIOL 2310: Microbiology</i> <i>BIOL 2310L: Microbiology Lab</i> <i>PSYC 2120: Developmental Psychology</i> <i>Fine Arts Requirement Elective (e.g. MUS 1140)</i> <b>**Earn General Studies Certificate**</b>	1 1 .33 1 1 (4.33 HS credits)	3 credit hours 1 credit hour 3 credit hours 3 credit hours (10 college credit hours)
<b>12<sup>th</sup> grade: Spring</b>		
Economics/Government <i>BIOL 2510: Pathophysiology</i> <i>Social/Behavioral Requirement Elective (e.g. SOCI 1110)</i> <i>Elective (Language recommended for transfer)</i> <b>**Earn AA in Pre-Health Sciences, Pre-Nursing Concentration**</b>	1 1 1 1 (4 HS credits)	3 credit hours 3 credit hours 3-4 credit hours (9-10 hours)
	<u>Total Credits</u> 30.66 credits	<u>Total Hours</u> 60-63 credit hours

\*course of study will vary for each individual student depending on career pathway, course offerings and availability, and student readiness

## SAMPLE\* HIGH SCHOOL DIPLOMA + ELECTRICAL TRADES (AAS)

\*\*This example assumes a student meets the prerequisite scores for ELTR 1015 on the Accuplacer, ACT, or SAT\*\*

CCHS/CNM Dual Graduation High School and 3 Certificates <u>and</u> AAS in Electrical Trades (PV concentration)	CCHS Credits	CNM Credits
<b>10<sup>th</sup> grade: Fall</b>		
World History Chemistry <i>ELTR 1005: Electrical Theory I</i> <i>ELTR 1015: Electrical Math I</i>	1 1 1.33 1.33 <b>(4.66 HS credits)</b>	4 credit hours 4 credit hours <b>(8 college credit hours)</b>
<b>10<sup>th</sup> grade: Spring</b>		
English 10 Geometry <i>ELTR 1020: Electrical DC/AC Lab</i> <i>ELTR 1030: AC Circuits, Motors, Generators</i>	1 1 1 1 <b>(4 HS credits)</b>	3 credit hours 3 credit hours <b>(6 college credit hours)</b>
<b>Summer</b>		
<i>ELTR 1210: Electrical Theory II</i> <i>ELTR 1215: Blueprint Reading I</i>	1.33 1.33 <b>(2.66 credits)</b>	4 credit hours 4 credit hours <b>(8 college credit hours)</b>
<b>11<sup>th</sup> grade: Fall</b>		
English 11 Algebra II <i>ELTR 1220: Residential Wiring Lab</i> <i>ELTR 1230: Residential Electrical Services</i> <b>**Earn Certificate in Residential Wiring**</b>	1 1 1 1 <b>(4 HS credits)</b>	3 credit hours 3 credit hours <b>(6 college credit hours)</b>
<b>11<sup>th</sup> grade: Spring</b>		
US History Physics <i>ELTR 2005: Electrical Theory III</i> <i>ELTR 2015: Electrical Motor Control Theory</i>	1 1 1.33 1.33 <b>(4.66 HS credits)</b>	4 credit hours 4 credit hours <b>(8 college credit hours)</b>
<b>Summer</b>		
<i>ELTR 2020: Industrial Motor Control Lab</i> <i>ELTR 2030: Industrial Power Distribution</i> <i>MATH Requirement (can count as 4<sup>th</sup> year HS math)</i> <b>**Earn Certificate in Electrical Trades**</b>	1 1 1 <b>(3 HS credits)</b>	3 credit hours 3 credit hours 3-4 credit hours <b>(9-10 college credit hours)</b>
<b>12<sup>th</sup> grade: Fall</b>		
English 12 <i>ELTR 2605: Photovoltaic Fund. &amp; Applications</i> <i>ELTR 2615 PV Code Compliant Systems</i> <i>ELTR 2630: Advanced PV Theory/Design/Installation and Commissioning</i> <i>ELTR 2692: PV Installation Lab</i> <b>**Earn Certificates in Solar, Electric and Photovoltaic Systems**</b>	1 1.33 .66 1.33 1 <b>(5.33 HS credits)</b>	4 credit hours 2 credit hour 4 credit hours 3 credit hours <b>(13 college credit hours)</b>
<b>12<sup>th</sup> grade: Spring</b>		
Economics/Government <i>BCIS 1110: Fund. of Info Lit &amp; Systems</i> <i>Social/Behavioral Science or Humanities Requirement</i> <i>ENGL 1110: Composition I</i> <i>COMM 2120: Interpersonal Communication</i> <b>**Earn AAS in Electrical Trades, Photovoltaic Concentration</b>	1 1 1 1 <b>(4 HS credits)</b>	3 credit hours 3 credit hours 3 credit hours 3 credit hours <b>(12 hours)</b>
	<u>Total Credits</u> 32.33 credits	<u>Total Hours</u> 70-71 credit hours

\*course of study will vary for each individual student depending on career pathway, course offerings and availability, and student readiness

## SCHOOL SCHEDULE

9th Grade Academy Daily Schedule			Grades 10-12 Schedule		CNM Daily Schedule
Period	A Schedule	B Schedule	Period		
1st Period	7:30-9:00	7:30-9:00	1st	7:30-9:05	7:30-8:45
2nd Period	9:05-10:35	9:05-10:35	2nd	9:10-10:45	9:00-10:15 10:30-11:45
Snack	10:35-10:50	10:35-10:50	3rd	10:50-12:25	X
3/4 Period	10:50-12:25		Lunch	12:25-12:55	12:00-1:15
3rd Period		10:50-11:35	4th	1:00-2:35	1:30-2:45
4th period		11:40-12:25	Advisory	2:40-3:35	3:00-4:15
Lunch	12:25-12:55	12:25-12:55			
5/6 period		1:00-2:35			
5th period	1:00-1:45				
6th period	1:50-2:35				
Advisory	2:40-3:35	2:40-3:35			

Grades 10–12 students: CCHS does not follow a traditional high school bell schedule. Expect a college experience: there are no bells announcing the beginning and end of class; the school day may be longer than at a traditional comprehensive high school; students may have evening or weekend classes; and as students move about campus to go from class to class, they will be unsupervised. The school day for a CCHS student mimics the college student's school day, with classes taking place at various times of the day or evening.

### Sample Student Schedule for a Fall Term 10<sup>th</sup> Grader

School	Monday	Tuesday	Wednesday	Thursday	Friday
CCHS	Geometry (7:30-9:00)	Geometry (7:30-9:00)	Geometry (7:30-9:00)	Geometry (7:30-9:00)	Geometry (7:30-9:00)
CCHS	English 10 (9:10-10:40)	English 10 (9:10-10:40)	English 10 (9:10-10:40)	English 10 (9:10-10:40)	English 10 (9:10-10:40)
CHSS	LUNCH (10:45-11:15)	LUNCH (10:45-11:15)	LUNCH (10:45-11:15)	LUNCH (10:45-11:15)	LUNCH (10:45-11:15)
CNM		PSY1105 (12:00-1:15)		PSY1105 (12:00-1:15)	
CCHS	Advisory (2:40-3:35)	Advisory (2:40-3:35)	Advisory (2:40-3:35)	Advisory (2:40-3:35)	Advisory (2:40-3:35)
CNM	IT1010 (4:30-5:45)		IT1010 (4:30-5:45)		

\*Advisory includes academic and social opportunities that vary from month to month.

Students may view their high school schedule in Student VUE and CNM schedule in the “registration” tab of their myCNM account.

## CNM TEXTBOOKS

All CNM textbooks are free for CCHS students. Students will need to pick up CNM textbooks at the location and times below:

### DUAL CREDIT TEXTBOOK PICKUP AND RETURN

- Address: 719 University Blvd. SE, Albuquerque, NM 87106
- Regular Hours: Hours vary, visit [shopcnm.com](http://shopcnm.com) for store hours
- Phone: 505-243-0457

For the most up-to-date information on how to get your college textbooks visit

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

## APS TEXTBOOKS

All high school textbooks are issued through content area teachers. The high school textbooks must be returned to the content area teachers by the end of the last day of the term. Students who do not return textbooks will be charged the replacement cost of the book.

A current APS and CNM student identification card (ID) is required for check out of textbooks. All textbooks, including your college textbooks, 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. Students will be informed of the materials they have checked out and of any fines, fees, or other charges they have incurred.

## CHROMEBOOKS

All CCHS students are provided a Chromebook for the duration of their enrollment at CCHS to support high school and college learning environments. Students must comply with the Computer Use Contract signed at the beginning of the year and the APS Student Technology Acceptable Use Policy.

## LIBRARY MEDIA CENTER SERVICES

CCHS has a multi-media center. All computers access the Internet, and students receive free printing. Students must comply with the Computer Use Contract signed at the beginning of the year and the APS Student Technology Acceptable Use Policy.

## GRADING POLICIES

Each term the students' high school classes will consist of three (3) grading periods. The report cards for the first two grading periods will have progress grades for the high school classes only. The third and last report card of the term will include high school grades for the final exam and term. The final examination for high school classes may count for no more than 20% of the final semester grade. However, the CNM final exams may count for more than 20%.

The high school 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. 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 term following the term in which the "I" (Incomplete) is posted. If a grade is not assigned for the Incomplete within the next term, 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.

CNM grades are included on the unofficial high school transcript and calculated in the GPA. CNM grades also become part of the students' permanent college record and will affect their ability to receive future scholarships and financial aid. If students perform poorly in a CNM class, that will reflect poorly on their current and future college career and could result in a loss of financial aid.

The grading policy for each college course will follow CNM policy and can be found in each CNM course syllabus.

## APS TRANSCRIPTS

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

## CNM TRANSCRIPTS

Students can always view their unofficial CNM transcript through their myCNM accounts. To request and pay for official transcripts from CNM go to the "students" tab in their myCNM account.

# CNM benefits and resources available to CCHS students

CCHS students enjoy all the same benefits offered to CNM students. The benefits offered support students so they can do their best in school.

## CNM Connect Services includes

- *Academic Advisement*—assisting students with obtaining the necessary information for completing a degree/certificate, including charting personal academic plans, choosing classes, and declaring or changing majors.
- *CNM Connect*—helping students access resources they may need to stay in school and succeed in class; and connecting students to people who can guide them through their education.
- *Job Connection Center*—providing students and graduates with a variety of job search services and support, including online job listings and leads, resume and interview assistance, job search workshops, on-campus recruitment activities, and more.

The **Assessment Centers** are open to all students who need to take placement exams, and/or entry and distance-learning exams. With a few exceptions, the exams are free of charge.

The **CNM Foundation** helps CCHS students pay for course supplies, uniforms, and/or fees that are required by certain CNM courses. This benefit is financial need based.



All the **Computer Labs** at all the CNM campuses are available to CCHS students. Students can use the computer labs to print and scan class-related materials.

The **Libraries** provide a variety of resources designed to meet the information needs of students. Library catalogs, full-text articles from magazines, journals and newspapers and electronic reference services are available online. Available for check-out are technology resources such as calculators and lab models.

**CNM Brightspace** is a great on-line resource for students. Students can chat with fellow classmates, submit homework directly to instructors, view grades and access libraries.

**CNM's Student Activities** provides students with CNM student ID cards, free ABQ Ride bus passes, and student club/organization opportunities.

**Tutoring** services are available in the Assistance Centers for Education (ACE) on all CNM campuses one-to-one and small group learning assistance is offered. Certified tutors are available to help students in a variety of subjects, free of charge.

**The Disability Resource Center** provides assistance for students with documented physical, mental, learning, visual, speech, or hearing disabilities.

For additional information  
please call us at  
**(505)224-4881** or visit  
**[cnm.edu/cchs](http://cnm.edu/cchs)**



# ACADEMIC ADVISOR SERVICES

## CNM Admissions & Registration

- Help students with CNM Admissions.
- Register (add and/or drop) for CNM classes and provide ongoing support.
- Assist students with CNM graduation application.

## CCHS Coaching

- Advise on CNM course selection and track progress toward degree/certificate.
- Monitor CNM “Academic Standing” and co-develop success plans with students not in Good Standing.
- Explore CNM academic programs.
- Connect students to physical and online CNM resources (see page 14-15).
- Coach students towards their academic, personal, or financial goals.
- Support with career development pathway.  
(*career exploration, job shadow, etc.*)

## Shared Services (Academic Advisor and CCHS Counselors)

- Encourage students to complete CNM degree (and then transfer/enter career).
- Support students to attend post-secondary after HS.
  - FAFSA completion
  - Scholarship application assistance
  - Transfer assistance to other colleges and universities
- Access textbooks for CNM classes through APS.



**Diane Craig**  
*Academic Advisor*

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**ALBUQUERQUE  
PUBLIC SCHOOLS**

# CCHS COUNSELOR SERVICES

## High School Academics

- Track HS graduation requirements (e.g., transcript reviews, state-mandated exams, Next Step Plans)
- Schedule CCHS classes.
- Assist with registration and preparation of college entrance exams (PSAT, SAT, ACT).
- Register students for APS eCADEMY and summer school classes.

## Counseling

- Provide individual and group counseling services to promote personal, social, and emotional development.
- Coordinate parent-teacher conferences for CCHS classes.
- Connect students and families to APS resources including Clothing Bank and Title 1.
- Implement APS Safety Protocols on suicide, bullying, threat assessment, and CYFD.
- College Planning
- FAFSA Assistance
- Financial Aid and Scholarships
- Career Development
- Internship Opportunities
- ACT/SAT Assistance

## Shared Services (Academic Advisor and CCHS Counselors) *Cont.*

- Help students discern career/ academic interests.
- Provide support to students, including those in crisis.
- Communicate with parents about CNM and CCHS expectations, FERPA, and general information.
- Coordinate college prep events.
- Support student success.



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## HIGH SCHOOL GRADUATION REQUIREMENTS

### 2013 Graduates and later - 25 Credit Plan (entered high school in 2009 or thereafter)

<u>Course</u>	<u>Credits Required</u>
English	4.0
Mathematics	4.0
Laboratory Science (See science section)	3.0
Government	0.5
United States History & Geography	1.0
World History & Geography	1.0
Economics	0.5
Health	0.5
New Mexico History	0.5
Physical Education	1.0
Electives*	9.0
TOTAL	25.0

Students must take:

- 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 2-4 credits of the same modern, classical, or native language.

\*At CCHS these requirements are fulfilled by taking CNM courses.

## APS DISTANCE LEARNING

Blended 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. In December, there is early registration for seniors who want to take courses in the spring.

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.

## CNM DISTANCE LEARNING

CNM offers distance-learning courses for which CCHS students are eligible. The CNM Jump Start course for distance learning is required of all students who wish to register for an online course. Students who demonstrate previous success with distance learning may be exempt from the Jump Start course. There is no additional costs for CCHS students who register for a CNM online course. The online courses at CNM are limited; not all CNM courses are available.

## THE NEXT STEP PLAN AND CNM DEGREE AUDIT

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 12th grade year in a transition plan for a post-secondary or career related future.

CCHS students also complete an annual CNM degree audit with the Academic Advisor to track adequate progress towards CNM graduation.

## SPECIAL EDUCATION PATHWAYS FOR GRADUATION

There are three pathways by which Special Education students may earn a diploma: the Standard, Career, and Ability pathways, described below. The pathway selected for each student is based on his or her Individual Education Plan (IEP). The registrar will change diploma type to appropriate pathways determined by the Head Teacher and Transition Specialist

- Standard Pathway – students must meet the standard graduation requirements and pass the graduation assessments.
- Career Pathway –students must earn the total number of credits required for graduation, but the credits do not have to be courses specified by the Public Education Department for graduation. Students must take the graduation assessments and earn the cut scores determined in personal IEPs. Students must also complete career goals determined in the IEP.
- Ability Pathway –students must earn the total number of credits required for graduation, complete goals determined in the IEP, and complete the Alternate Graduation Assessment.

## GRADE LEVEL CLASSIFICATION

Students must earn a set number of high school credits to become 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)

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

Every semester, the school reclassifies students (keeps them in the same grade) who have not earned enough credits to move to the next grade.

## 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 after the first day of their sophomore year and before the first day 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 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 last term. Final term grades at CNM will not factor in the GPA calculations at time of graduation as grades will not be available. If you are applying for early college admission, simply indicate that official ranking will be available at a later date.

## DIPLOMAS

The student's registration name should appear on the school records and the diploma. If the name is incorrect or misspelled, the student must 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 assessment in mathematics, language arts, and science as the primary demonstration of competency for graduation. Students who do not demonstrate competency through the primary assessment requirements, may demonstrate postsecondary and/or workforce readiness from a menu of options provided by the NM Public Education Department or district designated demonstrations. 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: If your child is learning English, he/she will take the ACCESS test once a year, which takes about an hour. 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.

### OPTIONAL ASSESSMENTS

These lists below are optional tests for all students but may serve as a student's ADC if needed.

- **Advanced Placement (AP) Examinations** – may result in college credit and advanced placement in a college program, depending on the student's scores and each college's specific policy.
- **Accuplacer – 9th -12th graders:** Exams in reading, English, math and writing that determine course placement in the community college program.

### OUR COUNSELORS RECOMMEND THE FOLLOWING TESTING SCHEDULE FOR STUDENTS

- 9th grade Academy students take PSAT 8/9.
- Sophomores take the Practice SAT (PSAT).
- Select Juniors take the PSAT for qualification for the National Merit Scholarship Program, National Achievement Scholarships for Outstanding Black Students, and the National Hispanic Scholar Recognition Program.
- Juniors take the ACT and/or the SAT during Spring semester.
- Seniors retake the ACT and/or the SAT in September or October if needed for a better representation of the student's academic achievement.

### 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.

### 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 or later. 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 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.

CCHS students may see the counselor or dean of students to obtain the official PE Graduation Requirement Waiver for Marching Band and JROTC form.

# COLLEGE INFORMATION

## COLLEGE ADMISSIONS

Admission requirements vary widely among colleges and universities; consequently, students and their parents are urged to research entrance requirements for specific institutions. For example, many colleges want students to have two years of a foreign language, and some universities require a fine arts credit for admission; some colleges and universities calculate grade point average (GPA) for core courses only. The CCHS School Counselor and the Academic Advisor can help the student research college information.

## FINANCIAL PREPARATION FOR COLLEGE

The CCHS Counselor and Academic Advisor help students prepare for college by completing the FAFSA, finding and applying for scholarships, understanding scholarship eligibility requirements, and understanding loans and loan repayment options.

## 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 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 EXPLORATION PROGRAM

There are over 100 degrees and certificates offered at CNM. With so many options to choose from, picking a major can be a daunting task. Many people are concerned about picking the “wrong” major or choosing a program without a path to a career. CCHS students have many support resources to help them select the right field for them. Our Career Exploration Program focuses on three areas: career exploration, career development, and experiential learning. Students explore their strengths and interests, build skills for getting and keeping a job and participate in job shadowing and externship experiences coordinated through CNM’s Job Connection Services department.

### PARTICIPATION IN EXTRA-CURRICULAR ACTIVITIES AND ATHLETICS

While CCHS does not offer a variety of extra-curricular activities (i.e. band, sports, ROTC), they are available to students at their home attendance high school. Although it is the students’ responsibility to make arrangements with their home high school, CCHS will try to accommodate their schedule. Allow time for transportation when planning.

Participation in extra-curricular activities is governed by the New Mexico Activities Association which specifies that students meet and maintain the following requirements:

- Students must be enrolled in a minimum of four classes.
- Students must attain and maintain a grade point average of 2.0 or better on a 4.0 scale.
- Students must maintain excellent attendance.
- Students may not fail more than one class per grading period.

If a student does not meet and maintain these requirements, he or she will be ineligible for participation in extra-curricular activities, including athletic participation, for the following six-week grading period.

- Students attending a School of Choice are only allowed to participate in athletics and NMAA sanctioned competitions with the high school in their attendance area.

## APS SUMMER SCHOOL

Albuquerque Public Schools offers summer school to meet the academic needs of students. Students are provided with academic intervention, remediation, or academic advancement.

The emphasis of summer school 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 and fee discounts. A Free and Reduced Lunch Program (FRLP) application must be completed during the school year. Please visit

[www.aps.edu/food-and-nutrition-services](http://www.aps.edu/food-and-nutrition-services) for more information.

Summer school is held at several centrally located high school campuses in the city. They begin within two weeks after the close of the regular school year. For face-to-face courses, there are two 4.5-hour periods daily, each period consisting of a three-week period during which a one-half credit can be earned per course. Online courses are offered at eCADEMY with two 4.5-hour periods daily. Registration for summer school begins in May 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 <https://cec.aps.edu/>

The Career Enrichment Center (CEC) offers APS-approved classes to students enrolled in other APS traditional and charter schools. Students take their core classes at their home high school and may take elective classes 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 school, 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, French, Zuni, Arabic and Navajo language classes, Cosmetology, nationally accredited LPN Program, and a certifying basic EMT class. Additionally, CEC offers many CNM and UNM dual-credit courses, some 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. Meeting the needs of a diverse student body in college readiness, career exploration, career preparation, internships, dual enrollment, and leadership development is an integral component of CEC’s curriculum and course offerings.

**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, and previous course selection. Some courses (LPN, EMT, and Advanced Pre-Med) require letters of recommendation. Applications for the fall semester may be submitted as early as January. Early application allows time for the instructors to interview applicants when necessary. Applying to CEC occurs at pre-registration. 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 the website.

## COLLEGE AND CAREER HIGH SCHOOL (CCHS)

**EC Building, 940 University Blvd. SE, Albuquerque, NM 87106**

**(505) 224-4880 <http://cchs.aps.edu>**

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 Advisor, 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:*** Students entering their 9th grade year can apply for entrance into our 9th grade academy. A lottery is used to select 75 incoming 9th graders. 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. We also use a lottery system to decide which upperclassmen enter as well. 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 <https://cec.aps.edu/>**

The Early College Academy (ECA) is the sister high school of the Career Enrichment Center (CEC). ECA is a diploma-granting college-preparation institution.

***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, UNM, or CNM classes in the afternoon. UNM and CNM classes may apply toward an associate's or university degree. ECA's small-school environment offers students an intimate and personalized and rigorous college-readiness learning experience. We believe in an academic focus, paralleling a college-level curriculum, and we encourage our students to start their post-secondary work while still in high school.

***Student Profile:*** ECA attracts a wide variety of students from all geographic areas and socioeconomic groups in Albuquerque. Students of exceptional 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 graduation requirements exceed those required by most APS comprehensive high schools. ECA students have access to the CEC bus, therefore transportation is provided 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 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 registration process. Due to space limitations, student enrollment is limited to 50 students per grade level for a maximum enrollment of 200. The school maintains a "waiting list" if interest exceeds space and holds a public lottery in January for all applications received before the end of the calendar year. Students may apply for admission to ECA by contacting the school's counselor or administrative staff. Applications may also be downloaded and filled out on the school website: [cec.aps.edu](http://cec.aps.edu).

## **ECADEMY HIGH SCHOOL AND BLENDED LEARNING STUDIO @ ECADEMY HIGH SCHOOL**

**5300 Cutler NE, Albuquerque, NM 87110**

**(505) 247-4209 <https://ecademy.aps.edu/>**

eCADEMY is an APS blended education program that allows students to retake courses previously failed at their home high schools and courses that can count as the students' distance education courses mandated by the state of New Mexico.

**Concurrent Student Program Features:** All of the courses at eCADEMY High School are offered in an integrated, concurrent format, except for Physical Education. Students taking online classes are required to be on campus for labs, final exams and additional course work. Within the eCADEMY integration high schools, eCADEMY teachers are available on site for students needing additional help from a highly qualified eCADEMY teacher. Help is also available on eCADEMY's main campus Monday through Thursday from 3:00pm to 6:00pm from a highly qualified eCADEMY teacher. Space is limited in all classes, with priority given to seniors.

**Concurrent Student Profile:** eCADEMY integration students are considered part-time and must be enrolled full time at an APS high school. Over 2500 part-time concurrent students enroll in eCADEMY classes each semester. Underclassmen may take 1 class per semester and seniors may take up to 2 classes per semester with counselor and principal approval.

**Enrollment Information:** Students wishing to enroll in eCADEMY classes must register through their home school counselors. There is a non-refundable registration fee of \$25 per semester.

## **BLENDED LEARNING STUDIO @ ECADEMY HIGH SCHOOL**

**<https://ecademy.aps.edu/>**

eCADEMY High School provides a full-time online learning program that incorporates a face-to-face component in which students attend two days a week in order to work on collaborative project-based learning (PBL). This program, Blended Learning Studio, provides forward-thinking educational opportunities through a balance of personalized online delivery methods simultaneously with a challenging project-based environment, which connects curriculum to the real world with the best educational practices. Blended Learning Studio @ eCADEMY High School is a full-time high school for grades 9 through 12. Contact the school to get more information and to obtain an application.

**School Features:** All of the courses at Blended Learning Studio are offered online except for Physical Education. Students attending Blended Learning Studio are required to be on campus 2 days per week. In order to be successful, students must work 6 hours per week, per course. At Blended Learning Studio, students are to attend two days a week in order to meet with teachers to discuss their online classes and progress, as well as to work collectively with one another on their real world, student-driven projects. While working on projects, certified teachers support students' learning by offering multiple lessons related to the project objectives, while also connecting the learning to their online courses.

**Student Profile:** Blended Learning Studio students are full-time students in grades 9 through 12. Blended Learning Studio students have the same graduation requirements as all APS students and are required to take the same mandated tests.

**Enrollment Information:** Students wishing to enroll in Blended Learning Studio @ eCADEMY High School should contact the school for more information and get an application. There is no enrollment fee for full-time Blended Learning Studio students.

## **FREEDOM HIGH SCHOOL**

**5200 Cutler Ave. NE, Albuquerque, NM 87110**

**(505) 884-6012 or (505) 816-9500 <https://freedom.aps.edu/>**

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 utilizes an advisement system where students have a daily advisory class with advisors who have a mentorship role. Advisors work closely with parents from enrollment to graduation to support students in graduating from high school with a plan for their future. The advisement program allows students to earn credit for work or volunteering and enjoy job-shadowing experiences in line with their career interests.

**Student Profile:** Freedom's academic program provides educational services for students in grades 10-12 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:** Students must be sophomores, juniors or seniors to enroll at Freedom High. A minimum of 6.5 credits are required for enrollment. Students take a placement exam in reading and math to initiate the enrollment 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. Students who call consistently are invited to an orientation with the principal and/or counselor to learn about school policies, the educational program and to discuss whether FHS is a sound option. Interviews are then scheduled with an advisor, the student and his or her parents/guardians. At the interview, the advisor develops a graduation plan and an initial schedule. Please call the school office for placement exam times or for other inquiries. Placement exams are scheduled at 1:00 on Tuesday afternoons during the school year, as well as during the months of June and August. Please call the school for other inquiries.

### **NEX+GEN ACADEMY HIGH MAGNET SCHOOL**

**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** <https://newfutures.aps.edu/>

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, a math-tutoring lab, after school tutoring and 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.

**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 a 4-Star childcare center.

**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 terms in the school year. Students can earn up to 2 credits each term for a total of 8 credits each year. Students can transfer in at the beginning of each 9-week term. Online credit recovery is available for late enrollment.

### TRANSITION SERVICES

**1100 Cardenas Dr SE, Albuquerque, NM 87108**

**(505) 872-6800** <https://www.aps.edu/schools/schools/transition-services>

Transition Services (ACCESS / BIP / CTAP / Deaf & HH) 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 2nd St. NW, Albuquerque, NM 87107**

**(505) 468-7223** <https://jdc.aps.edu/>

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.

# CCHS COURSE OFFERINGS

## HEALTH & PHYSICAL EDUCATION

### FOUNDATIONS OF PHYSICAL EDUCATION

Course Number: 90000      Grade: 9      Credit: .5

**Course Description:** Foundations of Physical Education is a requirement for graduation and is a prerequisite for all elective physical education courses. The course focuses on physical education with an emphasis on human movement, physical activities, and physical fitness that contribute to a lifetime commitment to activity and fitness. Literacy strategies are integrated throughout the course. The knowledge and skills acquired in Foundations of PE can be applied in the Teaching/Training pathway in the Education and Training career cluster; the Therapeutic pathway in the Health Science career cluster; the Recreation, Amusement & Attractions pathway in the Hospitality & Tourism career cluster; and the Personal Care Services pathway in the Human Services career cluster. Additional information on career pathways and career clusters can be found at [www.careerclusters.org](http://www.careerclusters.org).

### HEALTH EDUCATION

Course Number: 48010      Grade: 9      Credit: .5

**Course Description:** In this required course, the student learns 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. Skills and knowledge acquired in this course can be applied to the Health Science and the Human Services Career Clusters and their respective pathways.

## INTEGRATED STUDIES

### COMMUNICATION SKILLS (A)

Course Number: 20582      Grade: 9      Credit: .5

**Course Description:** Communication Skills (A) prepares the Early College High School student to be successful in the areas of academics, self-efficacy and inter- and intra-personal relationships. In this course, students will learn and practice the foundations of academic writing and styles; speaking skills for small to large groups, including presentations; digital citizenship; effective communication practices for peer-to-peer and student-to-teacher relationships; organization and personal management, including time management and study habits; test prep and test-taking skills.

### COMMUNICATION SKILLS (B)

Course Number: 20582      Grade: 9      Credit: .5

**Course Description:** Communication Skills (B; spring semester) reinforces the key areas of academics, self-efficacy and inter- and intra-personal skills to prepare students to take their first CNM courses for the following summer term.

### HUMANITIES LAB

Course Number: 53001      Grade: 9      Credit: 1.0

**Course Description:** Humanities Lab-Guided Study course will engage students intellectually, creatively, emotionally, socially and physically; and will strengthen academic skills in humanities. The course content covers reflection, critical analysis, synthesis, application and inquiry.

### STEM LAB

Course Number: 53002      Grade: 9      Credit: 1.0

**Course Description:** The STEM Lab-Guided Study course will engage students intellectually, creatively, emotionally, socially and physically and will strengthen students' academic skills in science, technology, math and engineering contents. In this course, students will experience a range of STEM topics and have opportunity for inquiry as well as critical analysis, synthesis, application and reflection.

# LANGUAGE ARTS

## ENGLISH 9

Course Number: 25301      Grade: 9      Credit: 1.0

**Prerequisites:** Completion of Middle School

**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 genre 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), 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.

## ENGLISH 10

Course Number: 25041      Grade: 10      Credit: 1.0

**Prerequisites:** Successful completion of English 9

**Course Description:** In English 10, the student surveys and samples a wide variety of multi-cultural literature of the world from diverse authors, various time periods, and various genre. 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.

## ENGLISH 11

Course Number: 25051      Grade: 11      Credit: 1.0

**Prerequisites:** Successful completion of English 10

**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 genre 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.

## ENGLISH 12

Course Number: 25061      Grade: 12      Credit: 1.0

**Prerequisites:** Successful completion of English 11

**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.

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 genre 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.

# MATHEMATICS

## GEOMETRY

Course Number: 35040      Grades: 10, 11, 12      Credit: 1.0

**Prerequisites:** Successful completion of Algebra I

**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, computers and software programs (e.g. Geometer's Sketchpad, Cabri Geometry), 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.

## ALGEBRA I

Course Number: 33040      Grades: 9      Credit: 1.0

**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. Literacy strategies are integrated throughout the curriculum.

## ALGEBRA II

Course Number: 36040      Grades: 10, 11, 12      Credit: 1.0

**Prerequisites:** Successful completion of Geometry.

**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.

## TRANSITIONS TO COLLEGE MATHEMATICS

Course Number: 38010      Grades: 10, 11, 12      Credit: 1.0

**Prerequisites, Important Notes & Fees:** This course requires student access to a graphing calculator.

**Course Description:** In Transitions 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.

## MATH STRATEGIES I

Course Number: 31001      Grades: 9,10      Credit: .5

**Course Description:** 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.

## SCIENCE

### BIOLOGY

Course Number: 4111      Grades: 9      Credit: 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.

### CHEMISTRY I (*Analytical*)

Course Number: 42121      Grades: 10,11,12      Credit: 1.0

**Important Notes & Fees:** It is strongly recommended that the student has successfully completed Algebra I prior to taking Chemistry I. This course meets college entrance requirements.

**Course Description:** This laboratory course exceeds state standards and offers extended opportunities for students. It provides preparation for all subsequent science course including Advanced Placement courses. The student investigates substances and how they react with one another. Concepts of study include, but are not limited to, scientific measurement, properties and structures of matter, atomic theory, classification and periodic trends, bonding theory, chemical reactions (e.g. general types, acid/base, redox), rates, equilibrium, stoichiometry, energy, (e.g., EMR, bonding), nuclear chemistry, and solubility. In addition the student learns how chemistry and Earth and space science are related by studying electromagnetic radiation, radioactivity, the structure of the Earth, and the groundwater. Scientific thinking and practice (e.g. extensive laboratory activities, critical thinking, problem solving), science and society, and literacy are integrated in all science courses.

### PHYSICS I (*Analytical*)

Course Number: 43121      Grades: 10, 11, 12      Credit: 1.0

**Course Description:** This laboratory class is designed to exceed state standards and offer extended opportunities for students. It provides preparation for all subsequent science courses including Advanced Placement classes. The student investigates topics of study that include, but are not restricted to, 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 mathematical relationships, and on applications. Literacy strategies are integrated throughout the curriculum.

## SOCIAL STUDIES

### NEW MEXICO HISTORY

Course Number: 10043      Grade: 9      Credit: .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.

### WORLD HISTORY/GEOGRAPHY

Course Number: 12019      Grade: 10      Credit: 1.0

**Important Notes:** World History and Geography is a required course for graduation.

**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 technological and political trends, culminating in our present world. Reading, writing, speaking, and research strategies are integrated throughout the course.

### US HISTORY/GEOGRAPHY

Course Number: 12019      Grade: 11      Credit: 1.0

**Important Notes:** US History and Geography is a required course for graduation.

**Course Description:** United States History 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.

### GOVERNMENT

Course Number: 13011      Grade: 12      Credit: .5

**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.

### ECONOMICS

Course Number: 15011      Grade: 12      Credit: .5

**Course Description:** Economics is a half semester course with an emphasis on the allocation of scarce resources, and the economic reasoning used by government agencies and by people in various 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.

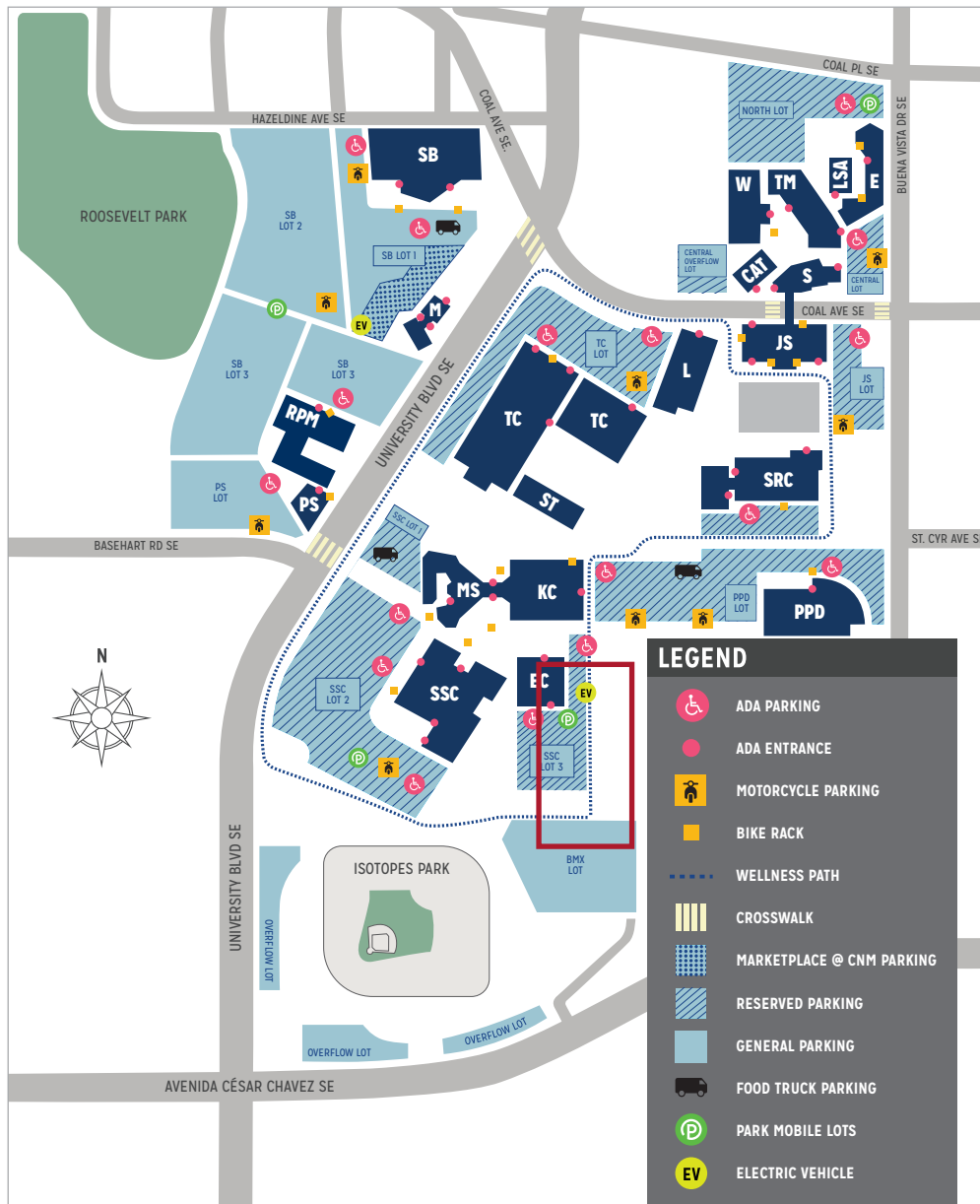
# SCIENCE

Students are required to have three credits of science to earn a standard New Mexico high school diploma. Students must select one course from each of the columns in the A/B/C column structure, OR take Biology, Integrated Physics/Chemistry and any other science course, OR take Biology, AP Environmental Science and any other science course.

A COURSES Life Sciences	B COURSES Chemical Sciences	C COURSES Physical Sciences	ELECTIVES	
BIOLOGY I BIOLOGY I BIL AP BIOLOGY IB BIO SL IB BIO HL IB BIO SL 2 IB BIO HL 2	CHEMISTRY I CHEMISTRY I BIL AP CHEMISTRY IB CHepEM SL IB CHEM HL IB CHEM SL 2 IB CHEM HL 2  <div>Integrated Physics/Chemistry AP Environmental Science</div>	PHYSICS I PHYSICS I BIL AP PHYSICS I AP PHYSICS II AP PHYSICS C IB PHYSICS	BIOLOGY II CHEMISTRY II ANATOMY & PHYS PRE-ENGR ELECTR VET MED (CEC) ADV MED RESEARCH (CEC) AP ENVIRONMENTAL SC ASTRONOMY I FORENSICS	GEOLOGY PRE-ENGR PHYSICS NURSING SCI I (CEC)

<b>Plan I: ABC</b> Students select one course from each column in the current A/B/C column structure.  <b>Plan II: Two Plus</b> Students select 1. One course from column A 2. Integrated Physics/Chemistry 3. Plus any other science course	<b>Plan III: Advanced Placement -AP</b> All AP science courses receive core science credit. Options:  1. 1 AP life science + 1 course from either column B or C + any other science course 2. 2 AP courses (1 life and 1 physical) + any other science course 3. 3 AP science courses (1 of which should be a life science)	Note: The College Board Designates AP courses as offerings to be taken after introductory high school science course(s).  Students who choose AP courses will be taking the most academically demanding courses the district offers. Students will receive career guidance and planning assistance, so they do not take more AP classes than they can comfortably handle.
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# COLLEGE & Career HIGH SCHOOL



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