



2024-25 Course Catalog

APS Career Enrichment Center

Established 1975

Apply online at cec.aps.edu

WHY CEC?

- Earn college credit through Dual Enrollment while still in high school
- Experience hands-on learning in a career field of your interest
- Take classes with other motivated, fun high school students from all over Albuquerque
- Be in a mature, collegiate environment
- Learn from amazing teachers

Career Enrichment Center

807 Mountain Road NE
Albuquerque, NM 87102
(505) 247-3658
cec.aps.edu





ALBUQUERQUE PUBLIC SCHOOLS

Albuquerque Public Schools
6400 Uptown Boulevard NE
Albuquerque, New Mexico 87110
(505) 880-3700
Mailing address:
P. O Box 25704
Albuquerque, New Mexico 87125-0704

Superintendent
Scott Elder

Chief of Schools
Dr. Channell Segura

Chief Academic Officer
Dr. Gabriel Antonio Gonzales

High School Associate Superintendent
Mark Garcia: Leadership, Learning, and Equity
Goal 3

**Assistant Superintendent of Curriculum &
Instruction**
Joyce Gormley

**Executive Director, Office of
Innovation**
Francesca Verploegh

Board of Education
Yolanda Montoya-Cordova, President*
Peggy Muller-Aragón, Vice President*
Danielle Gonzales, Member
Barbara Peterson, Member*
Crystal Tapia-Romero, Member
Josefina E. Domínguez, Member
Courtney I. Jackson, Member
**Thank you for your services board members*

New Board Members 2024
Ronalda K. Tome-Warito
Heather Benavidez
Janelle Astorga

FROM THE SUPERINTENDENT

Dear APS Students,

Recently our Board of Education adopted four goals to guide the work of the school district. One of those goals specifically deals with post-secondary readiness and it has guided and transformed the way we have prepared for this very moment. With your principal, teachers, and counselors we have worked to align our course offerings to be more relevant and robust; we are serious about doing our part to prepare you for what awaits you after high school.

It is important to understand that you need a specific sequence of courses to graduate. You also need certain courses for college admission. I highly recommend you consider your future plans while selecting your courses. Do you think college is your path? Are you considering a career in the trades? Perhaps you are interested in leadership opportunities or you want to explore your interest in the arts or languages. These are all options for you and I want to express to you how important choosing your classes for next school year can be for your future.

Your counselors will assist you in this planning and course selection process. They can advise you as to what courses are required and what electives you may consider. APS offers a wide variety of options including music, theater, art, languages, or career technical education courses. Dual credit, International Baccalaureate, honors, and Advanced Placement courses are an option for many of our students, and we also offer unique electives through our Career Enrichment Center. Be sure to talk with your teachers, counselors, and your FAMILY throughout this process. These choices are important and you want to be sure to involve people who care about you and your future.

I hope you build a schedule that works for you and that it leads to a truly excellent school year. I wish you the absolute best!

Sincerely,
Scott Elder, Superintendent

FROM THE PRINCIPAL

Dear CEC Students and Families,
Warm greetings and a heartfelt welcome to the 2024-2025 School Year! As the Leadership Team at the Career Enrichment Center, we are thrilled to invite you to browse through our course catalog and see all the amazing opportunities we have available for all APS High School students – it will be a year full of learning, growth, and boundless opportunities.

We are committed to fostering a vibrant and inclusive learning environment where academic excellence is only one aspect of our holistic approach to education. We recognize the importance of socio-emotional well-being, and we are dedicated to nurturing the personal and social development of our students. Our teachers and staff are equipped to provide the necessary support to ensure that each student feels valued, safe, and empowered to thrive both academically and emotionally.

As we continue to navigate the evolving landscape of education, we are proud to emphasize Career Connected Learning and Work-Based Learning as integral components of our curriculum. We are excited to offer apprenticeship opportunities that will enable our students to gain real-world experience in their chosen fields of interest. This hands-on approach equips our students with the practical skills and knowledge necessary to excel in their careers.

Our renewed focus on programs of study provides our students with a pathway to success in many dynamic and essential fields. Additionally, we offer a diverse range of programs that will open doors to exciting opportunities in various career fields, preparing our students for success in a rapidly changing world.

We are immensely proud of our CEC students who have engaged with our seven world language offerings and have chosen from an array of Advanced Placement (AP) classes. These challenging academic offerings empower our students to push their boundaries and reach their full potential.

We invite you to partner with us on this journey of learning, discovery, and growth. The Career Enrichment Center is not just an institution of education; it is a vibrant community that fosters lifelong friendships, unforgettable experiences, and unparalleled learning opportunities. We eagerly anticipate the privilege of working with each and every one of you as we make this school year a resounding success.

Respectfully,

Patrick Arguelles, Principal

Diane Thomas, Assistant Principal

Career Enrichment Center

807 Mountain Rd NE
Albuquerque, NM 87102

ACCREDITATION

*AdvancEd (formerly North Central Association of Colleges and Schools)
State of New Mexico, Public Education Department*

Principal Patrick Arguelles

(505) 252-0225
(505) 247-3658, ext. 45599
arguelles@aps.edu

Assistant Principal Diane Thomas

(505) 362-3780
(505) 247-3658, ext. 45455
thomas_d@aps.edu

Dean of Students Eileen Maddock

(505) 379-4383
(505) 247-3658, ext. 45403
eileen.maddock@aps.edu

Activities Director

TBA

Counselor Alicia Faulds

(505) 967-9525
(505) 247-3658, ext. 45595
alicia.faulds@aps.edu

Counselor Clarissa Sandoval

(505) 247-3658, ext. 45523
clarissa.sandoval@aps.edu

Special Education Department Chair

John Potter

(505) 247-3658, ext. 45453
john.potter@aps.edu

Mission Statement

The Career Enrichment Center strives to inspire all students by integrating 21st Century Best Practices and hands-on learning with rich educational traditions from around the world. We seek to develop future-leaning students with strong critical thinking skills, a lifelong intellectual curiosity for learning, strong leadership and communication skills, and the ability to successfully collaborate with peers from various social, cultural, economic, and geographic backgrounds in a safe but challenging learning environment.

TABLE OF CONTENTS

GENERAL INFORMATION

School Information	4
Concurrent Enrollment Requirements	4
Course Selection/Pre-Registration Process	4
Schedule Corrections	4
School Schedule	4
Grading Policies	5
Withdrawal from Courses	5
Transcripts	5
Textbooks	5

GRADUATION INFORMATION

Graduation Requirements.....	6
Dual Credit (Courses taken at CNM, UNM, SIPI OR IAIA)	6
Honors and Advanced Placement Programs	7
Career Cluster and Workplace Readiness Courses	7
Grade Level Classification	7

COLLEGE INFORMATION

College Preparation and Advancement Opportunities	8
New Mexico First Semester and Lottery Scholarships	8
National Collegiate Athletic Association – NCAA.....	9

ADDITIONAL EDUCATIONAL AND ACTIVITY OPPORTUNITIES

Career Pathways	9
Work Experiences.....	10

MAGNET SCHOOLS

Career Enrichment Center (CEC)	10
--------------------------------------	----

CEC COURSE CATALOG

List of Courses	11
General Information & Policies	12
CEC Dual Credit	14
Allied Health Sciences	17
Business and World Relations	23
College and Career Readiness / CTE	28
Computer Science & Engineering.....	35
Creative Media	39
Law, Public Safety, Corrections & Security.....	44
Native American Classes	47
Science and Math Courses	52
Special Education Classes.....	55
World Languages.....	56

GENERAL INFORMATION

SCHOOL INFORMATION

Career Enrichment Center (CEC) offers over 100 courses for students from APS Comprehensive High Schools, APS and State Charter Schools, Private Schools and Homeschooled students. With classes scheduled across multiple Sessions, we offer flexible options for most schedules, with a focus on 10th through 12th grade students. Explore potential career options, earn AP and Dual Credit, work toward professional certification or licensure, and work side by side with a diverse and committed student body. CEC offers free transportation to/from all comprehensive APS High Schools several times per day, and classes are tuition-free.

CONCURRENT ENROLLMENT REQUIREMENTS

You must live in our attendance area to enroll in classes. Students who request and meet any prerequisites for a CEC Course will be concurrently enrolled in CEC along with their “home” high school. Students may be asked to provide additional information if they attend a charter school, private school or are homeschooled.

COURSE SELECTION/PRE-REGISTRATION PROCESS

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

Students should choose CEC course selections carefully. Once schedules are built, they cannot be changed except in cases of a No-Show, W/F or to meet a graduation requirement. Students are encouraged to seek assistance and advice from their parents or guardians, teachers, and counselors.

All students will submit their course requests through the spring CEC Course Request process. The students’ actual enrollment in a CEC course will be determined by pre-requisite requirements, sufficient student interest through course requests, and availability of highly qualified staff to teach the requested courses. Students receive email notification of acceptance into CEC courses and are expected to maintain awareness of their enrollment status at all times.

SCHEDULE CORRECTIONS

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

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

SCHOOL SCHEDULE

CEC uses a unique “Session” schedule to maximize course availability for students. Two semesters divide the school year of 182 instructional days.

<p>Session IA - periods 1 & 2 Monday • 8:40-10:00 am Tuesday and Thursday • 8:40-11:00 am -OR- Session IB - periods 1 & 2 Monday asynchronous online work at home high school campus Wednesday and Friday • 8:40-11:00 am</p>	<p>Session II - periods 6 & 7 Monday through Friday 1:40-3:10 pm</p>	<p>Session IIIA - period 7 Monday and Wednesday • 3:10-5:10 pm -OR- Session IIIB - period 7 Tuesday and Thursday • 3:10-5:10 pm -OR- Session IIIC - period 7 Monday through Thursday • 3:10-5:10 pm</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

GRADING POLICIES

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

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

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

Dual credit (courses taken at Central New Mexico Community College/University of New Mexico/Institute of American Indian Arts) grades are included on the transcript and calculated in the GPA. It is a state requirement that dual credit grades be posted on the high school transcript. Students enrolled in a CEC Dual Credit course MUST meet minimum grade requirements at the end of Fall Semester to continue in Spring Semester courses.

WITHDRAWAL FROM COURSES

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

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

If the student is not successful after implementation of a support plan, the student or teacher may make a request to the curriculum assistant, no later than the end of the first nine weeks, for withdrawal (without penalty) from the course. Students who withdraw from a course after the first 10 days of each semester, and do not enroll in a comparable* course (same content) will receive a WF (Withdraw Fail) on their transcript. Authority is granted to the principal to make an exception when, in the principal's judgment, it is warranted.

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

TRANSCRIPTS

APS uses Parchment to send official and unofficial copies of transcripts. For information about processing transcripts, go to: <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.

TEXTBOOKS

All general textbooks are issued through the Book Room. A current student identification card (ID) is required for check-out of textbooks. Dual Credit textbook processes may change from semester to semester. Current process can be found on the Dual Credit Instructional Materials website: <https://www.aps.edu/libraries/textbooks/dual-credit-textbooks-for-high-school-students>.

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

GRADUATION INFORMATION

GRADUATION REQUIREMENTS

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

Course Credits Required

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

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

* Students must successfully complete:

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

DUAL CREDIT (Courses taken at CNM, UNM or IAIA through CEC)

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

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

For more information about Dual Credit:

- **Talk to your Professional School Counselor or College and Career Readiness Counselor**
- Call CNM's Dual Credit Department at (505) 224-3352, or email dualcredit@cnm.edu with any questions. For more information visit the CNM website, Steps to Becoming a Dual Credit Student: <https://www.cnm.edu/depts/outreach/dual-credit/dual-credit-register>
- Call UNM's Admission Office at (505) 277-0262 or email dualcredit@unm.edu, or visit the UNM Dual Credit website at: <https://advisement.unm.edu/dual-credit/index.html>

HONORS AND ADVANCED PLACEMENT PROGRAMS

The Honors and Advanced Placement Program is the most academically challenging curriculum that our district offers. These courses are available to all students. Honors courses in the freshman and sophomore years prepare students for Advanced Placement (AP) classes, most of which are offered at the junior and senior levels. AP courses are based on guidelines from the College Board and have been approved by the College Board. These courses expose students to college-level curriculum, emphasize critical thinking skills, and provide preparation for the Advanced Placement examination. Students who earn a qualifying AP score on the Advanced Placement examination may earn college credit (credit varies among colleges). Advanced Placement examinations are administered in May of each year. Taking the Advanced Placement examination is highly recommended. Most AP courses require an average of 1-2 hours of homework every night. Students should carefully consider their overall academic load when making course selections. The schedule of classes is based on student requests. Advanced Placement courses will be offered based on sufficient enrollment. All Honors and Advanced Placement courses will be awarded a weighted grade. An extra .025 will be added to the cumulative GPA for each semester of an Honors or Advanced Placement class successfully completed. There is no limit to the number of Advanced Placement courses a student may take.

CAREER CLUSTER AND WORKPLACE READINESS COURSES

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

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

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

GRADE LEVEL CLASSIFICATION

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

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

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

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

Other Assessments

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

Special Education IEP/504

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

COLLEGE INFORMATION

COLLEGE PREPARATORY PROGRAMS

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

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

Advanced Placement (AP) courses are recommended for college preparedness. See the Advanced Placement course offerings in this catalog for options.

COLLEGE PREPARATION AND ADVANCEMENT OPPORTUNITIES

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

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

NEW MEXICO FIRST SEMESTER* AND LOTTERY SCHOLARSHIPS

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

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

Students have an opportunity to earn a first semester scholarship to New Mexico public post-secondary institutions of higher education. Priority consideration for the scholarship is given based on application completion deadlines that vary by institution. To earn this scholarship, students must (at minimum):

- be a New Mexico resident,
- be a New Mexico high school graduate,

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

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

- Student must have completed high school at a public or accredited private New Mexico high school, graduated from a public or accredited private New Mexico high school or received a high school equivalency credential while maintaining residency in New Mexico.
- Student must enroll at a public post-secondary educational institution in New Mexico within sixteen months of graduation or receipt of a high school equivalency credential.
- Student must enroll in and earn 15 credit hours per semester at a four-year New Mexico public university.
- Student must enroll in and earn 12 credit hours per semester at a two-year New Mexico public community college.
- Student must maintain a 2.5 or greater cumulative grade point average (GPA) each semester of enrollment.
- Student with disabilities may qualify for reduced credit hour requirements and additional semesters of the scholarship.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION – NCAA

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

ADDITIONAL EDUCATIONAL AND ACTIVITY OPPORTUNITIES

CAREER PATHWAYS

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

Introduction and Definitions

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

classes. These course sequences can include dual credit, advanced placement, certifications and work-based learning courses.

WORK EXPERIENCES

To prepare students for work after high school, CEC offers work-based learning courses for students in the 11th and 12th grades. Work programs enable students to have work experience with a potential employer while earning high school credit. Through work experiences as supported by the portfolio, the student explores personal and career interests, aptitudes and abilities. Personal management of time, health and finances are also addressed. The necessary components of a productive and successful career are examined: technical knowledge, responsible and ethical behavior, and goal setting. In addition to working the required hours, students are required to produce a portfolio to receive credit.

APS MAGNET SCHOOLS

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

Career Enrichment Center (CEC)

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

The Career Enrichment Center (CEC) offers APS-approved classes to students enrolled in 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, Trades and more. CEC also offers internship opportunities and is the only APS high school that offers Chinese, Japanese, German, French, Zuni, and Navajo language classes, Cosmetology, a nationally accredited Practical Nursing Program, and a certifying basic EMT class. Additionally, CEC offers many CNM, IAIA 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.

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 (Practical Nursing, 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 apply online on CEC's website: cec.aps.edu. Prerequisites and recommendations for specific courses can also be found on the website.

CEC Course Catalog Table of Contents

This course catalog is subject to change depending upon budget and enrollment.

General Information & Policies.....12

CEC Time Schedule • CEC Calendar • Transportation •
Selection Process • Drop Policy • Grading Policies •
Transcripts • Textbooks • Academic Dishonesty

CEC Dual Credit.....14

CNM Dual Enrollment Process
UNM Dual Enrollment Process
IAIA Dual Enrollment Process
Dual Credit Reminders

Allied Health Sciences.....17

Practical Nursing Program
Nursing Assistant Program
Medical Physics & Anatomy / Physiology (Pre-Med)
Advanced Medical Techniques
Veterinary Med (Small Animal Science)

Business and World Relations.....23

Business Law
CEC Online Asynchronous Economics and Government
Financial Services & Career Exploration (Nusenda)
Holocaust and Human Behavior
Mythology and Folklore / College Prep Composition
UNM College Prep Program – Ethnic Studies:
 Intro to Comparative Global & Ethnic Studies
 Intro to Chicax Studies
 Curanderismo
 Chicanx & Latinx Musical Cultures & Expressions

College and Career Readiness / CTE.....28

Autos Year I (Intro to Automotive Systems / Electrical)
Autos Year II (Brake Systems, Suspension & Alignment)
Autos Year III (Electrical II & Engine Repair)
Cosmetology 101
Cosmetology 102
Barbering
Esthetics
Education Professions Career Pathways:
 Child Development
 Teacher Academy (Teacher Cadet)
Career Internship / Work Based Learning

Computer Science & Engineering.....35

Computer Science / Computer Programming
 Fundamentals
Engineering Design I / II (CAD for Engineering)
Electronics Engineering & Robotics I
Robotics II
Webscripting / Cybersecurity

Creative Media39

Contemporary Music History and Appreciation
Digital Film Production I / CNM FDMA 2120 Film Crew I
Digital Film Production II / III
Digital Media 3D (Animation I / II)
Game Development (Advanced Animation)
Mass Media Communications (Digital Audio I)
Mass Media Communications (Digital Audio II: Production
 Management)
Mass Media I / II (Multimedia Productions)

Law, Public Safety, Corrections & Security.....44

Albuquerque Police Dept. Police Service Aide Program
Emergency Medical Technician (EMT) - Basic
Fire Science

Native American Classes.....47

Native American Studies & Government / Economics
Native American Leadership and Performing Arts
Navajo History and Government
Navajo Language I / II
Navajo Language III / IV
Zuni Language I / II
Zuni Language III / IV

Science and Math Courses.....52

Advanced Placement Chemistry
Advanced Placement Physics C: Mechanics with Pre-
 Engineering Physics
Advanced Placement Statistics and Probability
Astronomy
Forensic Science

Special Education Classes55

Twice Exceptional (2X) Math and Math Strategies
Twice Exceptional (2X) ELA and ELA Strategies

World Languages56

Chinese I / II
Chinese III / IV
Chinese V / VI
AP Chinese
Chinese Bilingual Seal Support
French I / II
French III / IV
German I / II
German III / IV
Japanese I / II
Japanese III / IV
Spanish I / II
Spanish III / IV

CEC Information & Policies

CEC TIMES / SESSIONS SCHEDULE

Session IA - periods 1 & 2

Monday • 8:40-10:00 am

Tuesday and Thursday • 8:40-11:00 am

-OR-

Session IB - periods 1 & 2

Monday asynchronous online work at home high school campus

Wednesday and Friday • 8:40-11:00 am

Session II - periods 6 & 7

Monday through Friday • 1:40-3:10 pm

Session IIIA - period 7

Monday and Wednesday • 3:10-5:10 pm

-OR-

Session IIIB - period 7

Tuesday and Thursday • 3:10-5:10 pm

-OR-

Session IIIC - period 7

Monday through Thursday • 3:10-5:10 pm

CEC CALENDAR

CEC follows the traditional APS Calendar. We begin school on the same date that the comprehensive high schools begin school and have the same days off. We end the semester one week before comprehensive high schools, so our finals do not conflict with those at the students' home schools. **If school is *delayed or cancelled* due to inclement weather, there will be NO CEC classes because there is NO BUS TRANSPORTATION for CEC on delayed or cancelled days.**

SELECTION PROCESS

Students who are interested in taking a CEC class should complete the course request Google form on the CEC website. CEC will review course requests to ensure students meet prerequisites and recommendations, and students will be notified by email of their acceptance to CEC.

TRANSPORTATION

All Albuquerque Public Schools students are provided with free bus transportation from their neighborhood high schools, to and from, CEC. Bus schedules are available on our website before school starts.

TRANSCRIPTS

Transcripts are not issued through CEC. Transcripts can be requested from the home high school and will reflect the CEC final grades for each course taken. Students attending a non-APS high school or APS charter school should have their school email the CEC Registrar.

TEXTBOOKS

All textbooks are issued through the classroom teacher. A current student identification card (ID) is required for check out of textbooks. 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. All textbooks must be returned to the classroom teacher prior to the end of the school year. Students who do not return textbooks will be assessed a fee.

DROP POLICY

Students who want to drop a CEC class **MUST** get a drop form **signed by parents and home school counselor**. Students who drop a class at CEC after the 1st 6-week grading period will receive a W/F on their high school transcript. Visit the [website](#) to download the CEC Withdrawal form.

GRADING POLICIES

A semester consists of two (2) 9-week grading periods. Semester grades are posted on a student's permanent record (transcript).

Grading scale:

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), N (No credit) or W/F (withdrawal with the grade of F). Course work must be completed by the end of the semester following the semester in which the I (Incomplete) is posted. If a grade is not assigned for the Incomplete within the next semester, a grade of F will be assigned. If a course is repeated, the higher grade will be recorded and computed in the student's grade point average (GPA). Nevertheless, the F remains on the transcript. Duplicate credit will not be granted for a course that is repeated. Students who withdraw from a course after ten days will receive a W/F on their transcript.

Please note: CNM and UNM grades will be posted at the end of the semester as mid-semester grades are not issued. We do NOT have access to grades at CNM or UNM until posted on the transcript. Students will need to check in with their instructor for grade feedback.

THE NURSING PROGRAM USES AN ALTERNATIVE GRADING SCALE PER NATIONAL ACCREDITATION.

ACADEMIC DISHONESTY

Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. CEC reserves the right to take disciplinary action, up to and including dismissal, against any student who is found guilty of academic dishonesty or otherwise fails to meet the standards. Any student judged to have engaged in academic dishonesty in course work may receive a reduced or failing grade for the work in question and/or for the course. Academic dishonesty includes, but is not limited to, dishonesty in quizzes, tests, or assignments; claiming credit for work not done or work done by others, and hindering the academic work of other students.

CEC SUPPORT STAFF

Principal: Patrick Arguelles - arguelles@aps.edu

Assistant Principal: Diane Thomas - thomas_d@aps.edu

LPN Nursing Director: Rebecca Weatherford - weatherford@aps.edu

Registrar: Amanda Cortez - amanda.cortez@aps.edu

Counselor: Alicia Faulds - alicia.faulds@aps.edu

Counselor: Clarissa Sandoval - clarissa.sandoval@aps.edu

Dean of Students: Eileen Maddock - eileen.maddock@aps.edu

CEC Dual Credit

CEC DUAL CREDIT CLASSES

Students who graduate from New Mexico must take one unit of Advanced Placement, Honors, **Dual Credit**, or Distance Learning. CEC offers a variety of courses which help students meet this requirement. Below is a *sampling* of courses that **may be** offered in the 2024-2025 school year to meet this Dual Credit requirement.

Our Dual Credit Program provides *qualified* high school students the opportunity to earn college credit while simultaneously earning elective high school credit. **Students should not assume that if they are enrolled in a CEC course which offers dual credit that they automatically have been accepted into the post-secondary institution. Students are responsible for completing the steps necessary to enroll in CNM or UNM in order to receive dual credit.** CEC teachers and the counselor will assist with this process, but **cannot enroll students** in the post- secondary institutions.

CNM allows *qualified* freshmen, sophomores, juniors and seniors to enroll in courses while UNM offers only *qualified* juniors and seniors this opportunity. Classes are tuition-free and APS pays for required textbooks (which **MUST** be returned to the high school bookroom upon completion of the course). **NOT ALL CEC CLASSES QUALIFY AS DUAL CREDIT COURSES AND STUDENTS ARE REQUIRED TO COMPLETE DC ENROLLMENT TO BE ELIGIBLE.** (See charts below.)

[Visit the website for links to helpful resources.](#)

CNM

CEC Class	CNM Course Title	CNM Credit
Autos I	Intro to Automotive Systems	4
Autos II	Suspension and Alignment	4
Autos II	Automotive Brake Systems	4
Autos III	Automotive Electrical	4
Autos III	Engine Repair	4
Banking & Finance	Financial Services Career Exploration with Nusenda	3
Banking & Finance	Cooperative Education	3
Nursing Assistant	Nursing Assistant	7
Digital Film Production I	Film Crew I - FDMA 2120	3
French I	French 1110	4
Fire Science	Principles of Emergency Services - FS 1010 Wildland Firefighting - FS 1504	6
French II	French 1120	4
French III	French 2110	4
French IV	French 2120	4
Spanish I	Spanish 101	4
Spanish II	Spanish 102	4
Spanish III	Spanish 201	4
Spanish IV	Spanish 202	4
Teacher Academy I	Intro to Education - EDUC 1120 Intro to Education Practicum - EDUC 1190	4

UNM

CEC Class	UNM Course Title	UNM Credit
Chinese I	Chinese 101	3
Chinese II	Chinese102	3
Chinese III	Chinese 201	3
Chinese IV	Chinese 202	3
Chinese V, AP	Chinese 301	3
Chinese VI, AP	Chinese 302	3
EMT	EMS 113 – Lecture EMS 142 - Lab	8
Robotics 1	ECE 101: Intro to Electrical and Computer Engineering ECE 131L: Programming Fundamentals	5
Comp Science / Programming	CS 152L: Comp Programming Fundamentals	3
CEC Ethnic Studies I	CCST 1110: Intro to Comparative Global and Ethnic Studies	3
CEC Ethnic Studies II	CCST 2110: Intro to Chicana and Chicano Studies	3
CEC Ethnic Studies III	CCST 2996: Curanderismo: Traditional Mexican Medicine	3
CEC Ethnic Studies IV	CCST 1125: Chicano and Latino Musical Cultures and Expressions	3

IAIA

CEC Class	IAIA Course Title	IAIA Credit
Business Law	BUSN 101: Money, Wealth and Personal Finance	3
Navajo I	Navajo 101	3
Navajo II	Navajo 102	3
Zuni I	Lang 101/Tribal Language 1	3
Zuni II	Lang 102/Tribal Language 2	3

DUAL CREDIT REMINDERS

- Dual Enrollment credit is not guaranteed.
- Students MUST meet the pre-requisites for any specific course AND complete the registration process through that dual credit institution.
- Per FERPA (Family Education Rights and Privacy Act), Colleges/Universities and DC Instructors will NOT discuss grades, student progress, transcripts, financial aid, disciplinary information, etc., with parents without a signed release by the student.
- All DC students must be registered in classes prior to the start of the term which the classes are scheduled.
- It is the student's responsibility to ensure that they are registered for a DC course.
- It is the student's responsibility to adhere to any deadlines for dropping or adding a class through the dual credit institution.
- It is the student's responsibility to notify the DC Instructor and contact the Disability Resource Center of the institution if they have a 504 Plan and/or an IEP.
- Any grade earned in a DC class will reflect on BOTH the high school and college transcript- even if the grade is an F, W, or I.
- DC can affect future eligibility for Financial Aid and Scholarships.
- Every 3 credits at CNM/UNM = 1.0 elective credits in high school. Students cannot take Fitness classes free of charge

for high school credit. High school students can only take classes that are level 1,000 or higher and classes that are on the state PED DC Approved Course Appendix (not remedial)

- Classes are FREE and APS students can check out books from APS Library Services - FREE of charge. Those books must be returned to the district office upon completion of the course.
- Any additional fees are the responsibility of the student.
- DC classes will post to high school transcripts at the end of each term. This may/may not occur before high school graduation dates and should therefore, not be anticipated or expected for high school graduation purposes the last semester before graduation.

[Download this list as a PDF file.](#)

DUAL ENROLLMENT CREDIT IS NOT GUARANTEED!

*Students MUST meet the pre-requisites for any specific course AND complete the registration process through the dual credit institution (CNM, UNM, IAIA). All dual credit students must be registered in classes prior to the start of the term in which the classes are scheduled. CEC instructors and the CEC counselor will assist students in enrolling in the course in the first few days of class at CEC, but **it is the STUDENT'S responsibility to be sure that they are registered for the dual credit course.** It is also the STUDENT'S responsibility to adhere to any deadlines for dropping or adding a class through the dual credit institution.*

Allied Health Services

PRACTICAL NURSING PROGRAM

CEC's Practical Nursing Program is a unique high school Practical Nursing program, with national and state accreditation that prepares high school graduates for entry-level practical nursing practice. Please see the [Practical Nursing section of our website](#) for more information about the program and to download needed forms.



Applying to the CEC Practical Nursing program

- **January 22, 2024** - Application to PN Program opens on [CEC website](#). Be sure to include your **PERSONAL** email address on the application
- **March 1, 2024** - Application deadline
- **March 15, 2024** - If minimum entrance requirements are met, students will be contacted via email for interview.
Be sure to include your PERSONAL email address on the application. Please do not open the email from your phone. All pertinent information will not be visible on your phone. In order to see all the information, the email must be opened from a computer.
- **March 20, 2024** - Interviews will take place at CEC with nursing faculty
- **April 12, 2024** - Last day we will accept recommendation letter
 - Provide three recommendation letters from a Math, English and Science teacher
 - Download the **Teacher Recommendation form** from the CEC website
 - Recommendation letters must be submitted **directly** by the teacher
- **April 26, 2024** - Acceptance letters will be sent to the personal email address listed on your application
Please do not open the email from your phone. All pertinent information will not be visible on your phone. In order to see all the information, the email must be opened from a computer.

Prerequisites for entrance into the CEC Practical Nursing Program

- Must attend a comprehensive APS High School, APS School of Choice, or an APS Charter School
- 3.0 cumulative GPA
- Must be 16 years old by the first day of September in the year you begin the program.
- Must be capable of performing Essential Functions (see web site for information)
- Must have two (2) semesters of Biology with a minimum of a "B" each semester
- Must have two (2) years of Mathematics with a minimum of "B" each year

Additional Information: Once accepted into the program, the student will be expected to obtain:

- Access to internet
- Access to a printer with ink and paper
- Electronic reader/lap top
- Reliable transportation to CEC for AM session and to all clinical sites regardless of session
- Uniforms/nursing shoes
- Medical release to perform Essential Functions
- Primary TB test
- Annual influenza vaccine
- COVID vaccine (at least the first 2 vaccines) or proof of a Bivalent
- Up-to-date immunizations
- CPR certification – basic life support for healthcare providers (classes will be offered at CEC)
- \$150.00 lab fee due at the beginning of the first semester to cover the cost of ATI on-line preparation for nursing course work, and \$65.00 lab fee due at the beginning of each subsequent semester, for a total of \$410.00
- Purchase of resource books as needed
 - Drug book
 - Care plan book
 - Pathophysiology book

At the end of the first semester of the program students will:

- Be fingerprinted for NM Department of Health
- Be drug tested by a SAMSHA certified laboratory
- Clinical settings require Social Security numbers and proof of citizenship

Important dates for selected students

- Mandatory Parent Meetings will be scheduled for June 2024
- CPR classes scheduled at CEC TBA

All correspondence with the PN program is via email! You must provide a valid PERSONAL email address.

For further information, please contact Program Director or Admissions Coordinator:

Rebecca Tawney Weatherford, MSN FNP-BC

Program Director

(505) 247-3658, ext. 45406

weatherford@aps.edu

Pat Kious, BSN RN

Admissions Coordinator

(505) 247-3658

kious@aps.edu

Program is nationally accredited by:

Accrediting Commission for Education in Nursing (ACEN)

3390 Peachtree Road NE, Suite 1400 | Atlanta, GA 30326

(404) 975-5000 • www.acenursing.org

Program is approved by:

New Mexico Board of Nursing

6301 Indian School NE | Albuquerque, NM 87110

www.bon.state.nm.us

Please see below for schedule and information regarding specific classes

The CEC PN Program is a 2-Year 5-Semester Program

Junior Year

- Fall semester – Nursing Science 1
 - Theory: Principals of Nursing Science and Anatomy and Physiology
 - Concept Based Curriculum
 - Nursing labs & simulations
- Spring Semester - Nursing Science 2
 - Theory: Assessment and Health Promotion across the Lifespan
 - Clinical: Medical Surgical Clinical Experiences
 - Concept Based Curriculum
 - Nursing labs & simulations
 - Nutrition for Nursing Students (online - hybrid course)

Summer Seniors

- Nursing Science 3 – between 11th and 12th grade
 - Theory: Pharmacology
 - Clinical: Medical Surgical Clinical Experiences
 - Patient care with medication administration
 - Nursing labs & simulations

Senior Year

- Fall semester – Nursing Science 4
 - Theory: Medical Surgical Nursing Care across the Lifespan
 - Clinical: Medical Surgical Clinical Experiences
 - Concept Based Curriculum
 - Nursing labs & simulations
- Spring Semester – Nursing Science 5
 - Theory: Behavioral Health across the lifespan. Pediatric/Maternal Child, Care Delivery and Professional Attributes
 - Clinical: Behavioral Health, Leadership and Medical Surgical Clinical Experience (Peds/Maternal Child)
 - Concept Based Curriculum
 - Nursing labs & simulations

Nursing Science 1	<i>Fall semester of Junior Year</i> Principals of Nursing Science - 1.0 HS elective credit Anatomy and Physiology - 1.0 HS elective credit	AM Class: Monday • 7:40-10:00 am Tues thru Fri • 7:40-1100 am PM Class: Mon thru Thurs • 1:40-5:10 pm Friday • 1:40-3:10
Nursing Science 2	<i>Spring semester of Junior year</i> Theory: Assessment and Health Promotion across the Lifespan - 1.0 HS elective credit Clinical: Medical Surgical Clinical - 1.0 HS elective credit Nutrition for Nursing Students (Online-hybrid) - 1.0 HS elective credit	Student are in class Mon thru Fri in January Clinical begins in February, meets Mon & Tues AM or PM Didactic/Class AM Class: Wed thru Fri • 7:40-11:00 am PM Class: Wed & Thurs • 1:50 -5:10 pm Friday 1:40-3:10 pm
Nursing Science 3	<i>Summer between Junior and Senior year</i> Theory: Pharmacology - 1.0 HS elective credit Clinical: Medical Surgical Clinical - 1.0 HS elective credit	Clinical meets Mon & Tues – 10 hour shift Didactic/Class meets Wed, Thurs & Fri <i>Start and end times vary</i>
Nursing Science 4	<i>Fall semester of Senior year*</i> Theory: Medical Surgical Nursing Care across the Lifespan - 0.5 HS elective credit Clinical: Medical Surgical Clinical Experiences - 1.0 HS elective credit	Clinical meets Mon & Tues • 6:00–10:45 am <i>(Hours may vary depending on clinical site)</i> Didactic/Class meets Wed, Thurs & Fri • 7:40-11:00 am
Nursing Science 5	<i>Spring semester of Senior Year*</i> Theory: Behavioral Health across the lifespan. Pediatric/Maternal Child, Care Delivery and Professional Attributes - 0.5 HS elective credit Clinical: Behavioral Health, Leadership and Medical Surgical Clinical Experience (Peds/Maternal Child) - 1.0 HS elective credits	Clinical meets Mon & Tues • 6:00–10:45 am <i>(Hours may vary depending on clinical site)</i> Didactic/Class meets Wed, Thurs & Fri • 7:40-11:00 am

***For Senior Students – if possible do not take a 4th period class at your comprehensive high school. This allows you to spend more time in clinical on Monday and Tuesday.**

Total credits = 10.0 high school elective credit

Course/Career Cluster or Academic Course of Study: Health Science

NURSING ASSISTANT PROGRAM

Would you like to enter the health care job market?

Would you like to earn 7 college credits?

Nursing Assistants are vital members of the health care team and are in high demand.

Grades: 11th, 12th

Prerequisites: HLTH 1001 or HLTH 1003 may be taken as a prerequisite/corequisite with Nursing Assistant Lab and Theory Courses. However, It is strongly recommended that students complete Health 1001 OR HLTH 1003 as a prerequisite.

Additional requirements: 2.5 cumulative GPA; Reading Accuplacer minimum score of 238

Students must be capable of performing physical requirements (see [CNM Website](#))

Students must comply with CNM compliance and background requirements (see [CNM website](#))

Students must have reliable transportation to and from clinical site

Fees: Students have approximately \$360.00 in fees from CNM that will cover their scrubs (2 sets), stethoscope, CNM ID, badge holder, gait belt, background check, drug screening, Fitt testing, Health 1001, and registration. Students have an



additional \$25 lab fee for CEC to cover lab supplies, and a \$25 contract for CEC issued blood pressure cuffs. The optional Prometric Exam is \$110. For payment plans, see home high school

Dual Credit: [Yes](#) - CNM

This course emphasizes the roles and responsibilities of the Nursing Assistant. The course provides instruction in Nursing Assistant skills to include patient’s rights, personal care, communications with the health team, basic anatomy and physiology, infection control, nutrition, principles of growth and development, activities of daily living, safety in healthcare, home health care, care of the older person, and preparation for the state Nursing Assistant Certification Exam.

At the completion of this course the student will be able to:

- Demonstrate understanding of Nursing Assistant roles and responsibilities.
- Demonstrate understanding of basic medical terminology and abbreviations.
- Demonstrate understanding of communications with the health team.
- Demonstrate understanding of basic body structure and function, infection prevention, nutrition, and principles of growth and development.
- Demonstrate understanding of patient’s rights
- Demonstrate understanding of safety in health care
- Exhibit professional behaviors in the classroom setting. These behaviors include (but are not limited to): attendance, attention, appearance, following policy regarding cell phone usage, respect, communication, participation and team work

The Overall Objectives of this course are:

- Knowledge - The student will be able to apply learned knowledge of the Nursing Assistant role in health care
- Skills - The student will be able to:
 - Demonstrate appropriate use of oral and written communication skills
 - Demonstrate appropriate use of basic medical terminology and abbreviations
 - Apply learned knowledge of safety and patient’s rights in health care
- Behaviors - The student will be able to demonstrate application of professional behaviors

Websites: [CNM Nursing Assistant program](#)
[CNM Nursing Assistant Compliance](#)

Additional Course Information:

Enrollment: Students may submit an application through the CEC website. Upon acceptance into the program, students will receive an acceptance letter and invitation to orientation with the program manager. Students and their parent/guardian must attend orientation to receive registration information for the program. Failure to do so will result in the student being placed on the waiting list or being removed from the list of accepted applicants.

Compliance: Students must complete all compliance requirements to include all vaccinations including TB, COVID and Flu; background check; and drug screening.

Physical requirements: Students must be in good physical and psychological health to include lifting/moving a minimum of 50lbs. Reasonable accommodations are made for students with disabilities. See [CNM website](#) for guidelines.

Session / Days / Times	Course Length	Credit Information
Session III C Tues-Wed-Thurs • 1:40-5:10 pm	One semester - Fall OR Spring Semester	Health 1001 (1 Credit) Principles of Nursing Assistant (3 Credits) Principles of Nursing Assistant Lab (2 Credits) Nursing Assistant Clinical (1 Credit)

Course/Career Cluster or Academic Course of Study: [Health Science](#)

MEDICAL PHYSICS & ANATOMY / PHYSIOLOGY (PRE-MED)



Grades: 10th, 11th, 12th

Prerequisites: Successfully pass biology with a "C" or higher

Additional requirements: 3.0 GPA minimum

Fees: \$15 for supplies and materials

Dual Credit: No

Pre-Med is a lab course designed to provide the student with the necessary skills to pursue a career in allied health fields. In the classroom, the student applies principles of normal anatomy and physiology of human body systems to the pathophysiologic processes of common health problems by identifying concepts, principles, and responses related to pathophysiologic processes that result in disease, as well as discussing clinical manifestations of selected disease processes and health problems. Students will acquire the necessary knowledge and skills to diagnose patient case studies, perform dissections and other lab activities, and learn about allied health professions. The student integrates literacy strategies (e.g., reading, writing, research, presentations) throughout the curriculum.

Additional Course Information: AP Anatomy and Physiology testing option available

Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full year	1.0 credit per semester
Session IIIB Tues & Thurs • 3:10-5:10 pm	Full Year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Health Science

ADVANCED MEDICAL TECHNIQUES

Grades: 11th, 12th

Prerequisites: Successfully pass Biology, Chemistry & Pre-Med with a "C" or higher.

This CNM Course requires either a minimum score of 238 or higher on the Accuplacer OR use of [CNM's DSP Tool](#)

Additional requirements: 3.0 GPA minimum

Fees: \$15 for supplies and materials

Dual Credit: [Yes](#) - CNM



Advanced Medical Techniques is a lab course designed to provide the student with the necessary skills to pursue a career in allied health fields. The course will give detailed insights into five major themes: Structure and function of microbes (cellular structures, metabolism, and growth); microbial genetics, microbial ecology, microbial diversity (prokaryotes, eukaryotes, viruses) and clinical microbiology (immunity, pathogenicity, epidemiology, control of microbes, and diseases). In the classroom, students will learn the details and expectations within the concepts of the sterile processing role and gain proficiency in understanding the step-by-step requirements of proper sterile lab techniques. The course also includes an opportunity to participate in a clinical experience with a certification. Upon completion of certification, students will have the opportunity to work in a hospital or clinical setting. The student integrates literacy strategies (e.g., reading, writing, research, presentations) throughout the curriculum.

Additional Course Information: CNM Sterile Processing Technician certification option is available with enrollment in hybrid CNM Dual Credit Courses (1010 & 1092) in Spring 2025. CNM Course requires a minimum score of 238 or higher on the Accuplacer and weekly labs on CNM campus. Enrollment in CNM Dual Credit course is not required for successful completion of CEC Advanced Medical Techniques.

Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Health Science

VETERINARY MED (SMALL ANIMAL SCIENCE)



Grades: 11th, 12th

Prerequisites: Successful completion (3.0 or higher) of required science courses to date for juniors and/or seniors

Additional requirements: Student must maintain an overall GPA in all classes of a 3.0 (B) or higher.

Fees: N/A

Dual Credit: No

Veterinary Med (Small Animal Science) is an introductory course for students interested in a career working with animals. This is a work-study/mentorship and lab/lecture course designed to give students a first-hand experience working in the animal care profession from a clinical perspective as well as learning the academics that could be pursued after high school. Students will secure a mentorship position at a local vet clinic, or other animal career facility and be required to complete a minimum of 150 clinical hours. Dependent on funding, a stipend may be included for students who maintain specific requirements throughout the school year.

Content will include but is not limited to examining the medical aspects concerned with the prevention, control, diagnosis, and treatment of diseases affecting the health of domestic and wild animals. Students will learn, practice and apply medical terminology used in the industry, as well as animal behavior and animal handling. The wildlife management portion will focus on understanding how wildlife populations and habitat relationships can be translated to applied wildlife management. As well as understanding ecology and wildlife population dynamics, estimation of population demographics and wildlife abundance.

Field Trips & Guest Speakers (based on funding and transportation availability): Rio Grande Nature Center Wildlife Rehabilitation Center, Beaver Education in the Bosque, Other

Mentorship (6 hrs/week - required): The mentorship portion of the class provides all aspects of the operations of clinic life, including exams, diagnosis, treatment, and surgeries from the veterinarian, technician, management, front desk, and client/patient perspectives. Paid opportunities may be available based on yearly funding, however this is not guaranteed. Placement in other animal facilities may be considered if students can maintain a rigorous work study experience.

Literacy (reading, writing, & research): Students will integrate literacy strategies through reading, writing, and research throughout the curriculum and are expected to present their findings in a professional and thorough manner. Students will create a professional resume and cover letter to use when applying for their mentorship. Students are expected to share their mentorship experience with their peers through student-led lessons and presentations, and weekly journal entries.

Additional Course Information: Required paperwork will be sent to accepted students in May preceding the start of the school year. Students must have reliable transportation to/from their mentorship site. Additional Work Base Learning Credits may be available.

Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Full year	1.5 credit per semester
Session II Mon thru Fri • 1:40-3:10 pm	Full year	1.5 credit per semester

Course/Career Cluster or Academic Course of Study: Health Science

DUAL ENROLLMENT CREDIT IS NOT GUARANTEED!

*Students MUST meet the pre-requisites for any specific course AND complete the registration process through the dual credit institution (CNM, UNM, IAIA). All dual credit students must be registered in classes prior to the start of the term in which the classes are scheduled. CEC instructors and the CEC counselor will assist students in enrolling in the course in the first few days of class at CEC, but **it is the STUDENT'S responsibility to be sure that they are registered for the dual credit course.** It is also the STUDENT'S responsibility to adhere to any deadlines for dropping or adding a class through the dual credit institution.*

Business and World Relations

BUSINESS LAW

Grades: 10th, 11th, 12th

Prerequisites: none

Additional requirements: none

Fees: N/A

Dual Credit: [Yes](#) - IAIA



Course description: This Dual Credit course explores the relationship between government and economics. This relationship is studied through both the lens of law and of business. Concepts studied are: economic systems that affect resources; public policy; taxation; governmental influence to meet economic goals; laws of demand, supply, quotas, exports, and imports; governmental regulations that impact business competition and its effect on consumers; and emerging legal and ethical issues. Reading, writing, speaking, listening, and research strategies are integrated throughout the course.

Additional Course Information: This course includes an asynchronous component for IAIA Dual Credit course BUSN101.

Session / Days / Times	Course Length	Credit Information
Session II Tues & Thurs • 1:40-3:10 pm	Fall semester ONLY	0.5 Econ + 0.5 Govt credit
Session II Wed & Fri • 1:40-3:10 pm	Fall semester ONLY	0.5 Econ + 0.5 Govt credit

[Course/Career Cluster or Academic Course of Study: Business, Management & Administration](#)

CEC ONLINE ASYNCHRONOUS ECONOMICS AND GOVERNMENT

Grades: 12th

Prerequisites: Student must be concurrently enrolled in another year-long CEC class; students must have access to high-speed internet.

Additional requirements: This class meets distance learning graduation requirement. Students may be required to meet with the instructor sometime during the semester.

Fees: none

Dual Credit: No

This class is designed to create flexibility in your home high school schedule by replacing an in person Economics and Government class. This course offers both Economics and Government credit and meets the APS graduation requirement and state content standards. Canvas is the online educational platform used to deliver the course content and is facilitated by a CEC instructor. Students are expected to complete weekly assignments and tests throughout the year according to timelines. Instructor's deadlines must be met.

Additional Course Information: This course has been approved by NCAA for eligibility.

Session	Course Length	Credit Information
Online - Asynchronous	Full year	0.5 credit per semester

[Course/Career Cluster or Academic Course of Study: Government & Public Administration](#)

FINANCIAL SERVICES & CAREER EXPLORATION (NUSEDA)

Grades: 11th, 12th

Prerequisites: none

Additional requirements: Must register as a CNM Dual Credit student before class begins

Fees: none

Dual Credit: [Yes](#) - CNM

Albuquerque Public Schools, Central New Mexico Community College, and Nusenda Credit Union have collaborated to offer a course that teaches students about career pathways in the financial services industry. Students also utilize economic reasoning, along with a new focus on personal financial literacy to examine a variety of topics, including supply and demand, personal financial decisions, and financial institutions. Students will earn their required APS Economics credit upon successful completion of the class.

After completing the course, high school students are eligible to apply for another dual credit course – The Nusenda Credit Union internship (Internship in Business Administration – BUSA 2998).

Additional Course Information: **CNM Dual Credit may be available*** - BFIN 1115: Financial Services Career Exploration. Students will earn 3 CNM credits upon successful completion of the course.

**Students will complete all asynchronous course work and assignments on CNM's Brightspace Learning Management System.*

Session / Days / Times	Course Length	Credit Information*
Session IIIA Mon • 3:10-5:10 pm Wed • Asynchronous online	Fall semester only	1.0 elective credit per semester + 0.5 Economics credit
Online* Tuesdays • 7:00-8:30 pm (Synchronous with additional assignments)	One semester - Fall OR Spring Semester	1.0 elective credit per semester + 0.5 Economics credit

Course/Career Cluster or Academic Course of Study: Business, Management & Administration

HOLOCAUST AND HUMAN BEHAVIOR

Grades: 10th, 11th, 12th

Prerequisites: none

Additional requirements: none

Fees: none

Dual Credit: No



Course description: This Humanities elective explores the choices individuals make and how those choices create history. Using the Holocaust as the primary case study, students will consider the range of choices that led to the failure of democracy, the rise of fascism, and ultimately the targeting and murder of millions of people. Students will also explore the consequences of the Holocaust in the years after World War II and the legacy of this history in our world today. This course uses a variety of sources, including primary sources and testimonies, literature, informational texts, artwork, film, historical documents, current events, and students' own experiences to investigate the complexities of human behavior, judgment, memory, and how individuals can make a difference in the world today.

Additional Course Information: none

Session / Days / Times	Course Length	Credit Information
Session IIIA Mon & Wed • 3:10-5:10 pm	One semester - Fall OR Spring Semester	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: N/A

MYTHOLOGY & FOLKLORE / COLLEGE PREP COMPOSITION

Grades: 11th, 12th

Prerequisites: none

Additional requirements: Recommended: 2.5 cumulative GPA

Fees: none

Dual Credit: No

Course description: This course will combine Mythology & Folklore with College Prep Composition thereby satisfying a full ENG 12 credit. In Mythology & Folklore the student will compare past and present beliefs on topics such as creation, apocalypse, the flood, heroes, and sexuality through the study of myths and folktales. In College Prep Composition, the student will focus on various modes of writing. Significant emphasis will be placed on the art of editing and improvement. The course will be enhanced with material read in Mythology and Folklore. The primary evidence for achievement for both courses will be an electronic portfolio that the student develops over the course of the semester.

Additional Course Information: 11th grade students may enroll in the course for elective credit.

Session / Days / Times	Course Length	Credit Information
Session IIIA Mon & Wed • 3:10-5:10 pm	Spring semester only	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Business, Management & Administration

UNM COLLEGE PREPARATION PROGRAM

Chicana and Chicano Studies (CCS) at the University of New Mexico (UNM), in partnership with Albuquerque Public Schools (APS), offers a College Preparation Program. The College Preparation Program offers culturally- and linguistically-centered teaching and learning opportunities in order to increase college admission and college degree attainment for New Mexicans.



CCS offers 9 credits of UNM core credit and 3 elective credit hours in Ethnic Studies. CEC offers 1 full high school elective credit for each course. Students who are accepted into the program enroll in the following program of study:

- CCST 2110 - Introduction to Chicano Studies (3 UNM credits and 1 elective credit)
- CCST 1110 - Introduction to Global and Ethnic Societies (3 UNM credits and 1 elective credit)
- CCST 1125 - Chicanx and Latinx Musical Cultures and Expressions (3 UNM credits and 1 elective credit)
- CCST 2996 - Curanderismo (3 UNM credits and 1 elective credit)

Our educational framework is rooted in the interdisciplinary field of Chicana and Chicano Studies and multidisciplinary field of Ethnic Studies. Our goal is to offer students an opportunity to advance academically while learning how to navigate college. This is done while addressing various social issues that impact many students in the Albuquerque area. Students who complete this program are given CCP honors for graduation and walk away with 12 credit hours they can use in any program of study at UNM or CNM.

ETHNIC STUDIES I: INTRO TO COMPARATIVE GLOBAL AND ETHNIC STUDIES

Grades: 10th, 11th, 12th

Prerequisites: none

Additional requirements: 2.5 GPA

Fees: none

Dual Credit: [Yes](#) - UNM

Course description: Ethnic Studies explores the social, political, and cultural experiences of ethnicities, genders, classes and/or ability groups. As it impacts self-identity, the student will engage in self-discovery while gathering an understanding of the multi-faceted world around them. Topics of Study: Race and Ethnicity, Prejudice and Discrimination,

Immigration, Ethnicity and Religion, Native Americans, African Americans, Latinx Americans, Muslim and Arab American, Asian Americans, Jewish Americans, Women, Excluded Groups, etc.

Additional Course Information: UNM Dual Credit is a possibility for those students who meet the requirements of UNM. (CCST 1110: Comparative Global and Ethnic Societies)

Session / Days / Times	Course Length	Credit Information
Session II Tues & Thurs • 1:40-3:10 pm	Spring semester only	1.0 elective and 3.0 UNM credits

[Course/Career Cluster or Academic Course of Study: Ethnic Studies](#)

ETHNIC STUDIES II: INTRO TO CHICANX STUDIES

Grades: 10th, 11th, 12th

Prerequisites: Preferred: Ethnic Studies I (Intro to Global and Ethnic Societies)

Additional requirements: N/A

Fees: N/A

Dual Credit: [Yes](#) - UNM

Course description: This course is an Introductory survey course of the Mexican American experience in the United States, with special reference to New Mexico. Exploration of historical, political, social, and cultural dimensions. In addition, the course introduces students to the broad scope of Chicana/o cultural production in the creative arts such as visual, film, music and literature. Resources draw from various disciplines, including but not limited to: sociology, history, political science, anthropology, education, art and art history, women and gender studies, and religious studies.

Additional Course Information: UNM Dual Credit is a possibility for those students who meet the requirements of UNM. (CCST 2110: Intro to Chicana and Chicano Studies)

Session / Days / Times	Course Length	Credit Information
Session IB Wed & Fri • 8:40-11:00 am + Monday asynchronous online work	Fall semester only	1.0 credit per semester
Online Asynchronous	Fall OR Spring Semester	1.0 credit per semester

[Course/Career Cluster or Academic Course of Study: Ethnic Studies](#)

ETHNIC STUDIES III: CURANDERISMO

Grades: 10th, 11th, 12th

Prerequisites: N/A

Additional requirements: N/A

Fees: N/A

Dual Credit: [Yes](#) - UNM

Course description: This course will provide information on the history, traditions, rituals, herbs, and remedies of Curanderismo, a folk healing tradition of the Southwestern United States, Latin America, and Mexico, amongst other countries. The course explores how our ancestors used traditional methods for healing, how they've shaped our cultural diversity of the past and today, the upkeep and collection of medicinal plants, and what the future might look like. The course features teachings from various aspects such as: intestinal blockage (empacho), spiritual cleansings (limpias), shawl alignments (manteadas) and preparation of medicinal teas (tés medicinales).

Additional Course Information: UNM Dual Credit is a possibility for those students who meet the requirements of UNM. (CCST 2996: Curanderismo: Traditional Mexican Medicine)

Session / Days / Times	Course Length	Credit Information
Session II Wed & Fri • 1:40-3:10 pm	Spring semester only	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Ethnic Studies

ETHNIC STUDIES IV: CHICANX AND LATINX MUSICAL CULTURES AND EXPRESSIONS

Grades: 10th, 11th, 12th

Prerequisites: N/A

Additional requirements: N/A

Fees: N/A

Dual Credit: [Yes](#) - UNM

Course description: The course explores diverse musical expressions of Chicana/o and Latina/o peoples in the present geographical boundaries of the United States. The course emphasizes the intercultural dynamics in the formation of Chicano and Latino music, which incorporates American, Latin American, African, Native American, and European roots.

Additional Course Information: UNM Dual Credit is a possibility for those students who meet the requirements of UNM. (CCST 1125: Chicano and Latino Musical Cultures and Expressions)

Session / Days / Times	Course Length	Credit Information
Session IIIB Tues & Thurs • 3:10-5:10 pm	Fall semester only	1.0 credit per semester
Online Asynchronous	Fall OR Spring Semester	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Ethnic Studies

DUAL ENROLLMENT CREDIT IS NOT GUARANTEED!

Students MUST meet the pre-requisites for any specific course AND complete the registration process through the dual credit institution (CNM, UNM, IAIA). All dual credit students must be registered in classes prior to the start of the term in which the classes are scheduled. CEC instructors and the CEC counselor will assist students in enrolling in the course in the first few days of class at CEC, but it is the STUDENT'S responsibility to be sure that they are registered for the dual credit course. It is also the STUDENT'S responsibility to adhere to any deadlines for dropping or adding a class through the dual credit institution.

College and Career Readiness / CTE

AUTOS YEAR I (INTRODUCTION TO AUTOMOTIVE SYSTEMS / ELECTRICAL)

Grades: 10th, 11th, 12th

Prerequisites: Accuplacer Next-Generation: Reading score 238 or higher OR DSP score

Additional requirements: Must be able to register with CNM's Dual-Credit Program.

Fees: \$25.00

Dual Credit: [Yes](#) - CNM



Autos Year I introduces essential shop skills including safety, tool identification and use, under-car and under-hood servicing, repair information retrieval and proper use and care of equipment. Introduces the relationships between all vehicle systems and sub-systems. Prepares students to perform basic service & electrical operations required of entry level technicians.

Additional Course Information: Students **MUST** complete CNM Registration and enroll in CNM Dual Credit Courses Autc1110 & Autc1140 to remain in the course after CNM's Registration deadline.

Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full year	1.33 elective credits per semester 4.0 CNM credits for qualifying students
Session IIIC Tues-Wed-Thurs • 3:10-5:10 pm	Full year	1.33 elective credits per semester 4.0 CNM credits for qualifying students

[Course/Career Cluster or Academic Course of Study: Transportation, Distribution & Logistics](#)

AUTOS YEAR II (BRAKE SYSTEMS, SUSPENSION & ALIGNMENT)

Grades: 10th, 11th, 12th

Prerequisites: Successful completion of Autos Year I including Autc1110/1140

Additional requirements: Must be able to register with CNM's Dual-Credit Program.

Fees: \$25.00

Dual Credit: [Yes](#) - CNM



Autos Year II introduces principles of hydraulic brake operation and practical skills of diagnosis and repair of standard and anti-lock brakes. Includes lab activities on brake bleeding and adjustment, drum and rotor machining, master cylinder and brake caliper repair. Presents repair and service on a variety of modern vehicle suspension types. Includes strut replacement, wheel alignment and tire balancing, steering gear repair and rebuilding of common suspension components.

Additional Course Information: Students **MUST** complete CNM Registration and enroll in CNM Dual Credit Courses Autc1120 & Autc1130 to remain in the course after CNM's Registration deadline.

Session / Days / Times	Course Length	Credit Information
Session IB Wed & Fri • 8:40-11:00 am + Monday asynchronous online work	Full year	1.33 elective credits per semester 4.0 CNM credits for qualifying students

[Course/Career Cluster or Academic Course of Study: Transportation, Distribution & Logistics](#)

AUTOS YEAR III (ELECTRICAL II & ENGINE REPAIR)

Grades: 11th & 12th

Prerequisites: Successful completion of Autos Year I & II incl. CNM DC Courses

Additional requirements: Must be able to register with CNM's Dual-Credit Program.

Fees: \$25.00

Dual Credit: [Yes](#) - CNM



Autos Year III presents critical skills necessary for identifying and correcting problems found in automotive electrical/electronic systems. Included DVOM and analog meter use, voltage drop testing, wiring schematic interpretation and electrical troubleshooting procedures.

Introduces internal combustion engine theory, engine overhaul procedures and precision tool measuring. Includes essential engine testing and identification of needed repairs along with removal/replacement of engines.

Additional Course Information: Students **MUST** complete CNM Registration and enroll in CNM Dual Credit Courses Autc1141 & Autc1220 to remain in the course after CNM's Registration deadline.

Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Full year	1.33 elective credit per semester 4.0 CNM credits for qualifying students

Course/Career Cluster or Academic Course of Study: [Transportation, Distribution & Logistics](#)

COSMETOLOGY 1

Grades: 9th,10th, 11th, 12th

Prerequisites: none

Additional requirements: Students are *required* to participate in ALL aspects of hands-on peer-to-peer practical experiences as part of this course, ex: shampooing, styling, facials, scalp treatments, etc. 1st year students who are 11th/12th graders and 16 years of age or older can earn up to 100 hours toward licensure through the NM Board of Barbers and Cosmetologists with successful completion of the course.



Fees: \$35

Dual Credit: No

If you are interested in your own personal grooming or in being a cosmetologist, barber, nail technician, esthetician or make-up artist, then this class is for you. In this class, you will learn:

- Job skills and salon management
- Shampooing and hair-styling
- Manicuring and pedicuring
- Facials and scalp treatments
- Nail tips
- Theatrical and special-effects make-up
- Glamour make-up
- Permanent waving
- Hair coloring
- Hair extensions

Cosmetology 101 is an introductory program to all phases of cosmetology excluding hair cutting and sculptured nails. The student acquires the basics in shampooing, hairstyling, manicuring and pedicuring, make-up, facials, scalp treatments, nail tips, permanent waving, hair coloring, salon management, and job skills. In addition, the student has many opportunities to reinforce mathematics and literacy concepts and enhance those skills. Skills and knowledge acquired in this course can be applied to the Marketing, Sales, and Service, Education and Training, Hospitality and Tourism, and Human Services career clusters and their respective pathways.

Additional Course Information: NOTE: Juniors and seniors 16 or older enrolled in the Cosmetology 101 course may earn up to one hundred (100) hours for the year that may go towards State Board Licensure, depending upon attendance. The hours earned will be registered through the NM State Board of Barbers and Cosmetologists. The student will receive an

official transcript with the exact hours earned after completing the CEC Cosmetology class.

**Students may not take Cosmetology, Barbering and Esthetics concurrently in the same year. Concurrent classes will not result in double hours earned towards State Board Licensing.*

Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Full year	1.0 credit per semester
Session II Mon thru Fri • 1:40-3:10 pm	Full year	1.0 credits per semester

Course/Career Cluster or Academic Course of Study: Human Services

COSMETOLOGY 2

Grades: 10th, 11th, 12th

Prerequisites: Successful completion of Cosmetology 101

Additional requirements: Students are *required* to participate in ALL aspects of hands-on peer-to-peer practical experiences as part of this course, ex: shampooing, styling, facials, scalp treatments, etc. 2nd year students who are 11th/12th graders *and* 16 years of age or older can earn up to 100 hours toward licensure through the NM Board of Barbers and Cosmetologists with successful completion of the course.

Fees: \$35

Dual Credit: No

Cosmetology 102 is a more in-depth program that complements Cosmetology 101, excluding hair cutting and sculptured nails. The student acquires more advanced techniques in shampooing, hairstyling, manicuring and pedicuring, facials, scalp treatments, nail tips, permanent waving, haircoloring, salon management, and job skills. In addition, the student has many opportunities to reinforce mathematics and literacy concepts and enhance those skills. Skills and knowledge acquired in this course can be applied to the Marketing, Sales, and Service, Education and Training, Hospitality and Tourism, and Human Services career clusters and their respective pathways. Successful completion of this course may lead to opportunities to pursue Advanced Cosmetology, Barbering and Esthetics and other industries in the beauty field.

Additional Course Information: NOTE: Quarterly Job Shadowing (once per 9 week grading period) in Salons/Barber Shops/Spas is a requirement for this course. Shadowing must take place outside of school hours; attendance will be tracked. Students will create a final presentation in May to reflect on their four Job Shadowing experiences.



Session / Days / Times	Course Length	Credit Information
Session IB Wed & Fri • 8:40-11:00 am + Monday asynchronous online work	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Human Services

BARBERING

Grades: 10th, 11th, 12th

Prerequisites: none

Additional requirements: Students are *required* to participate in ALL aspects of hands-on peer-to-peer practical experiences as part of this course, ex: shampooing, styling, facials, scalp treatments, etc.

Fees: \$40

Dual Credit: No



In this course students will explore, research, understand, and apply all phases of barbering. The student acquires the basics in mock shave or trim beards; style hair whether by hand or mechanical or electrical apparatus; curl, wave permanent wave or chemically relax the hair; give facial and scalp massage or treatments with oils, creams, lotions, or other preparations, either by hand or mechanical appliances; shampoo, bleach, dye, or apply tonics to the hair. In addition, the student has many opportunities to reinforce mathematics and literacy concepts and enhance those skills. This class is primarily 75% hands on practical application and 25% theory. This class emphasizes Career Readiness, where the student can examine career paths and requirements within the Barbering industry. The student will recognize the education, employability skills, training requirements, and opportunities for a career in the barbering and related personal care service fields.

Additional Course Information: NOTE: Juniors and seniors enrolled in the Barbering course may earn up to one hundred (100) hours for the year that may go towards State Board Licensure, depending upon attendance. The hours earned will be registered through the NM State Board of Barbers and Cosmetologists. The student will receive an official transcript with the exact hours earned after completing the CEC Barbering class.

**Students may not take Cosmetology, Barbering and Esthetics concurrently in the same year. Concurrent classes will not result in double hours earned towards State Board Licensing.*

Session / Days / Times	Course Length	Credit Information
Session IIIA Mon & Wed • 3:10-5:10 pm	Full year	1.0 credit per semester
Session IIIB Tues & Thurs • 3:10-5:10 pm	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Human Services

ESTHETICS

Grades: 10th, 11th, 12th

Prerequisites: Recommend completion of Cosmetology 101 (not required)

Additional requirements: Students are *required* to participate in ALL aspects of hands-on peer-to-peer practical experiences as part of this course, ex: shampooing, styling, facials, scalp treatments, etc. Preferential acceptance given to those who have excellent attendance. Please understand this a hands-on class and attendance is crucial for successful completion of the course.



Fees: \$45

Dual Credit: No

Course description: In this course, students acquire the basics in the history of esthetics, anatomy and physiology, histology of the skin, disorders and diseases of the skin, skin care products, facial treatments, facial massage, hair removal, makeup essentials (lashes, brows etc. salon business, job skills, and career opportunities. With a focus on hands-on activities, students regularly apply concepts and theory as they learn it. After successful completion of this course and required internship hours, the student will be prepared to take next steps toward post secondary, and professional licensure. Whether or not the student wishes to pursue a career in Esthetics, this course covers a variety of topics that provide a strong foundation for college and career readiness.

Additional Course Information: NOTE: Juniors and seniors enrolled in the Esthetics course may earn up to one hundred (100) hours for the year that may go towards State Board Licensure, depending upon attendance. The hours earned will be registered through the NM State Board of Barbers and Cosmetologists. The student will receive an official transcript with the exact hours earned after completing the CEC Esthetics class.

**Students may not take Cosmetology, Barbering and Esthetics concurrently in the same year. Concurrent classes will not result in double hours earned towards State Board Licensing.*

Session / Days / Times	Course Length	Credit Information
Session IIIA Mon & Wed • 3:10-5:10 pm	Full year	1.0 credit per semester
Session IIIB Tues & Thurs • 3:10-5:10 pm	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Human Services

EDUCATION PROFESSIONS CAREER PATHWAYS

Do you like to be in the classroom? Can you see yourself in the world of education? If you love working with children and want a rewarding career, then the Teaching Professions Career Pathways program at CEC is for you!



Education Profession Career Options:

- Preschool Teacher
- Elementary Teacher
- Middle School Teacher
- High School Teacher
- Intervention Specialist
- Librarian
- Social Worker
- School Counselor
- Child Psychologist
- Reading Specialist
- Family Childcare Provider

Education Pathway Benefits:

- Students enrolled in Teacher Academy I are eligible to be paid for their internships through the Near Peer Tutoring program
- Participate in Educators Rising and attend the Educators Rising State Conference
- Participate in field-based 45-hour practicum in a K-12 classroom under the guidance of a mentor teacher
- Plan and teach developmentally appropriate lessons
- Network and collaborate with teachers and administrators in schools across the district
- Explore post-secondary education opportunities
- Parenting simulation in Child Development program with RealityWorks Infant Simulator

CHILD DEVELOPMENT

Grades: 10th, 11th, 12th

Prerequisites: None

Additional requirements: None

Fees: None

Dual Credit: [Yes](#) - CNM



Child Development focuses on an overview and understanding of the physical, social, emotional, and cognitive growth and development of children. Emphasis is placed on helping students acquire knowledge and skills essential to the care and guidance of children. Students learn to create environments that promote optimal development. The students learn about and participate in developmentally appropriate activities, routines, and practices that encourage the physical, social, cognitive, and emotional development of the infants. Some of the topics in Child Development include, but are not restricted to, child growth and development, safety and health, parenting, learning environment, relationships, pregnancy and prenatal care, and career readiness. Students will explore careers requiring an understanding of child development. Students will earn a 45-hour certification required for employment in Early Childhood Education settings and First Aid/CPR certification through participation in this class.

Additional Course Information: Juniors and seniors may earn dual credit for ECED 1110 with CNM, but it is not guaranteed. Attendance is essential for academic success! The CNM Attendance Policy states: “Students enrolled for

credit or audit are expected to attend all class sessions. A student with excessive absences (15% of total class hours) may be dropped from the class.

Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full year	1.5 credit for the year with successful completion of CNM Dual Credit ECED1110 course.

Course/Career Cluster or Academic Course of Study: Education & Training

TEACHER ACADEMY (TEACHER CADET)

Grades: 11th, 12th

Prerequisites: 2.0 cumulative GPA; preference given to those who have excellent attendance

Additional requirements: Must be able to register for CNM Dual Credit Program. All Teacher Academy interns will be required to have a background check completed before participating in Teacher Academy observations or internship experiences AND should have reliable transportation to/from their internship site.

Fees: \$25 for supplies, materials and uniform shirt

Dual Credit: [Yes](#) - CNM



This DUAL CREDIT course introduces students to the professional world of teaching. This high school elective course is structured as a part of the Education and Training career pathway program designed for students to explore teaching and related fields in elementary and secondary education environments. The course emphasizes the fundamental teaching practices that are critical for high school students as they take their first steps on the path to becoming accomplished professionals. In addition to coursework, students are required to participate in a 45-hour internship; hours are typically embedded during session meeting times.

Students who successfully complete Teacher Academy with a passing grade will have demonstrated the knowledge and skills necessary to take their first steps on the path toward accomplished teaching.

Additional Course Information: 10th grade may enroll with instructor permission. Juniors and seniors may earn dual credit for EDUC 1120 & EDUC 1190 with CNM, but it is not guaranteed. Attendance is essential for academic success! The CNM Attendance Policy states: "Students enrolled for credit or audit are expected to attend all class sessions. A student with excessive absences (15% of total class hours) may be dropped from the class."

Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Full Year	1.0 credit per semester with successful completion of CNM Dual Credit Courses EDUC1120 and EDUC1190

Course/Career Cluster or Academic Course of Study: Education & Training

CAREER INTERNSHIP / WORK BASED LEARNING

Grades: 11th, 12th

Prerequisites: No prerequisites, but one to two years of career connected electives recommended

Additional requirements: Students must have reliable transportation to/from internship site.

Fees: none

Dual Credit: No

Students have the opportunity to connect what they learn in school with worksite application, enabling a smooth transition into the work force and/or education beyond high school. Some examples of the different types of Work-Based learning experiences being offered at CEC will include job shadowing, internships, and apprenticeships.

- Students will work a minimum of 5 hours per week in the field of their choice.
- One-to-one learning opportunity
- Work Based Learning experiences are usually unpaid.
- The course combines both face-to-face and asynchronous instruction, as well as the internship component which averages 5+ hours per week.

Additional Course Information: Students should have reliable transportation to/from their internships. Course will begin with face-to-face sessions and then transition to site-based experience once internship placement is complete.

Contact Person: Miskee Blatner • blatner@aps.edu

Days	Course Length	Credit Information
Session IIIB Tues & Thurs • 3:10-5:10 pm	Full year	Additional credits can be earned with additional hours spent in internship Credit variable depending upon length and intensity of internship (0.5 to 1.5 elective credits) Contact teacher for additional details

Course/Career Cluster or Academic Course of Study: Education & Training

DUAL ENROLLMENT CREDIT IS NOT GUARANTEED!

Students MUST meet the pre-requisites for any specific course AND complete the registration process through the dual credit institution (CNM, UNM, IAIA). All dual credit students must be registered in classes prior to the start of the term in which the classes are scheduled. CEC instructors and the CEC counselor will assist students in enrolling in the course in the first few days of class at CEC, but it is the STUDENT'S responsibility to be sure that they are registered for the dual credit course. It is also the STUDENT'S responsibility to adhere to any deadlines for dropping or adding a class through the dual credit institution.

Computer Science & Engineering

COMPUTER SCIENCE / COMPUTER PROGRAMMING FUNDAMENTALS

Grades: 10th, 11th, 12th

Prerequisites: none

Additional requirements: Recommended: 2.5 cumulative GPA

Fees: none

Dual Credit: [Yes](#) - UNM



Would you like to learn how to make apps that can run on a computer or your smart phone?

In this class students work extensively with the Java programming language:

- Understand the concept of object-oriented programming and use of classes.
- Learn to use an API coding reference
- Learn to draw animated 2D graphics and interactive user interfaces using the Java FX API
- Explore 2D motion and physics by building simple motion and game engines
- Complete at least one programming project of their choice.
- Receive an introduction to the fundamental concepts used to develop all computer applications including logic structures, array methods and data types.

This project-based course introduces students to commercially used programming languages and code libraries in professional grade code editing tools. We will begin to learn fundamentals with small daily objective-based assignments and gradually branch outward to large code projects chosen by the student. Programming concepts will emphasize logic structure use in branches and loops, use of classes and objects (object orientation), array methods, data types, and use of an application programming interface (API) reference document. Programming language emphasis will be on Java, Java FX and Android APIs. All software tools used in this class are free to use commercially and many are even open source to encourage students to take their skills home and into the professional world.

Additional Course Information: This is a fast-paced course best suited for those with previous programming experience or accelerated math skills.

UNM Dual Credit is a possibility for those students who meet the requirements of UNM and CEC proficiency in Java programming. Qualified students may enroll in the UNM Dual Credit program and earn 3.0 UNM credits for CS 152L - Computer Programming Fundamentals in Java - in the 2nd semester.

Please note: This class can be taken before, after, or concurrently with Engineering Design I/II (CAD for Engineering), Webscripting/Cybersecurity, or Electronics Engineering/Robotics I. These courses complement each other and you will benefit greatly from all.

Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: [Information Technology](#)

ENGINEERING DESIGN I / II (CAD FOR ENGINEERING)

Grades: 9th, 10th, 11th, 12th

Prerequisites: Geometry (prerequisite or corequisite)

Additional requirements: 2.5 cumulative GPA

Fees: none

Dual Credit: No



CAD (Computer Aided Design) is all about turning ideas into physical realities. In this project-based class, you will learn how to sketch your ideas in 2D and 3D space, turn those rough sketches into precise 3D models, and turn those models

into real-world objects that you can actually hold in your hands. You will be using a variety of software including vector graphic editors, procedural modelers, mesh modelers, 3D sculpting apps, and slicers to produce toolpaths for 3D printers and CNC machines. You will also have the opportunity to use a variety of hardware including drawing tablets, 3D printers, machine tools (mills and lathes), and virtual reality headsets for collaborative 3D designing.

Career options for CAD and 3D modelers are growing constantly and include:

- Interior design, art, computer graphics
- Virtual Reality development
- Medical advancement
- Aerospace and Automotive industries
- Mechanical, Civil, Environment, Industrial, Electrical Engineering
- Architecture and Construction
- Product design and prototyping

Additional Course Information: *Please note: This class can be taken before, after, or concurrently with Computer Science/Computer Programming Fundamentals, Webscripting/Cybersecurity, or Electronics Engineering/Robotics I. These courses complement each other and you will benefit greatly from all.*

Session / Days / Times	Course Length	Credit Information
Session IIIA Mon & Wed • 3:10-5:10 pm	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Science, Technology, Engineering & Mathematics

ELECTRONICS ENGINEERING / ROBOTICS I

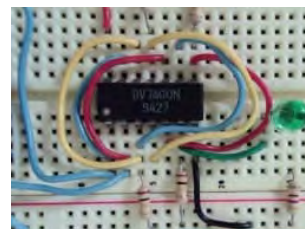
Grades: 10th, 11th, 12th

Prerequisites: none

Additional requirements: Recommended: 2.5 cumulative GPA

Fees: none

Dual Credit: [Yes](#) - UNM



Learn about modern automation and electronic design by first developing practical skills and then deploying them to build robotics and automation projects.

- Experiment with electronics, circuits and sensors in hands-on labs
- Learn programming fundamentals by making interactive programs in the C programming language
- Learn the fundamentals of automation by programming microcontrollers in C
- Construct self-contained automation electronics from scratch by integrating your new programming skills, sensors and electronic devices
- Learn basic fabrication and shop skills including basic use of machine tools and 3D printing
- Learn about robotics from a whole system perspective by building projects with your new skills including small autonomous vehicles with sensor based navigation

Students have the opportunity to learn the science and engineering principles of automated machines, then apply them to build a simple robot. To gain the skills needed, students will learn about circuits and electricity, sensors and signal conditioning, logic circuitry, programming, and other electrical engineering concepts with both written work and hands-on laboratories. After students begin to gain some of the essential skills, students will work on projects such as automating light patterns, creating simple computer games, and building simple wheeled robots. This curriculum is designed to help prepare students for college and career fields in science, engineering, computer science and technology.

Additional Course Information: UNM Dual Credit is a possibility for those students who meet the requirements of UNM and CEC for proficiency in C programming. Qualified students may enroll in the UNM Dual Credit program and earn 4.0 UNM credits for ECE 131L and 1.0 UNM credits for ECE 101 in the 2nd semester.

Students who demonstrate a high level of proficiency may continue the following year in CEC Robotics II where they will work together cooperatively to build specialty automation and large robots.

Please note: This class can be taken before, after, or concurrently with Engineering Design I/II (CAD for Engineering), Computer Science/Computer Programming Fundamentals, or Webscripting/Cybersecurity. These courses complement each other and you will benefit greatly from all.

Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Full Year	1.0 credit per semester
Session IIIB Tues & Thurs • 3:10-5:10 pm	Full Year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Science, Technology, Engineering & Mathematics

ROBOTICS II

Grades: 11th & 12th

Prerequisites: Robotics I or Engineering Design I (seniors only)

Additional requirements: Recommended: 2.5 cumulative GPA, Engineering Design I

Fees: none

Dual Credit: [Yes](#) - UNM



Course description: Students who show good proficiency in Robotics I or in Engineering Design I may continue learning about automation and electronics by working on a series of large or complex projects.

Students will:

- Use professional electrical engineering measurement and test equipment to aid designs.
- Develop custom control software, algorithms and hardware drivers for subsystems.
- Learn how to contribute to an engineering team by dividing into individual design projects that will be integrated back into the main project.
- Use machine tools, CNC automation, and 3D printing to fabricate custom designed metal and plastic mechanical components.
- Work together cooperatively to build specialty automation and large robots.
- Design and create custom electronic control circuit boards and devices.

Additional Course Information: UNM Dual Credit is a possibility for those students who meet the requirements of UNM and CEC for proficiency in C programming. Qualified students may enroll in the UNM Dual Credit program and earn 4.0 UNM credits for ECE 131L and 1.0 UNM credits for ECE 101 in the 2nd semester.

Session / Days / Times	Course Length	Credit Information
Session IIIA Mon & Wed • 3:10-5:10 pm	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Science, Technology, Engineering & Mathematics

WEBSRIPTING / CYBERSECURITY

Grades: 9th, 10th, 11th, 12th

Prerequisites: none

Additional requirements: none

Fees: none

Dual Credit: No



Do you want to make your own interactive website, or know how the internet actually works? Do you want to design a web-based game?

In this class you will:

- Learn the 'front end' languages that create websites
 - HTML
 - CSS
 - JavaScript
 - PHP
 - SQL
- Learn programming basics in JavaScript
- Make your own web pages and interactive web apps
- Learn through experimentation, exploration and projects

This is an introductory course to web-based programming that assumes no prior knowledge of programming. You will develop competence in the Web's core languages: HTML, CSS, JavaScript, PHP, and SQL. Using these languages, you will create dynamic, interactive web-based programs that run in a browser. You will also learn how to host them on a web-server that you configure and secure with industry-standard methods like database encryption and password hashing. Skills and knowledge acquired in this course can be applied to almost any career cluster that specializes in information technology but specifically to Science, Technology, Engineering, and Mathematics (STEM); Finance; Information Technology; Marketing, Sales, Service, Communications and their respective pathways.

Please note: This class can be taken before, after, or concurrently with Engineering Design I/II, Computer Science/Computer Programming Fundamentals, or Electronics Engineering and Robotics I. These courses complement each other and you will benefit greatly from all.

Additional Course Information: UNM Dual Credit for CS105L is a possibility in spring semester.

Session / Days / Times	Course Length	Credit Information
Session IIIB Tues & Thurs • 3:10-5:10 pm	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Information Technology

DUAL ENROLLMENT CREDIT IS NOT GUARANTEED!

Students MUST meet the pre-requisites for any specific course AND complete the registration process through the dual credit institution (CNM, UNM, IAIA). All dual credit students must be registered in classes prior to the start of the term in which the classes are scheduled. CEC instructors and the CEC counselor will assist students in enrolling in the course in the first few days of class at CEC, but it is the STUDENT'S responsibility to be sure that they are registered for the dual credit course. It is also the STUDENT'S responsibility to adhere to any deadlines for dropping or adding a class through the dual credit institution.

Creative Media

CONTEMPORARY MUSIC HISTORY AND APPRECIATION

Grades: 10th, 11th, 12th

Prerequisites: None

Additional requirements: None

Fees: None

Dual Credit: No



Contemporary Music History and Appreciation allows students to develop basic music skills and an understanding of music theory in the context of 19th-21st century media: film, popular music, games. Students will listen, deconstruct, analyze, and synthesize music through this lens. This course will develop several music skills: musicianship, music theory, harmony, dictation, ear-training, and music history. Literacy is integrated throughout this course.

Additional Course Information: Though musical performance skills are NOT a prerequisite for this course, students will have the opportunity to develop basic music skills through vocal, instrumental, or electronic music.

Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: [Arts, Audio/Video Technology & Communications](#)

DIGITAL FILM PRODUCTION I / CNM FDMA 2120 FILM CREW I

Grades: 10th, 11th, 12th

Prerequisites: none

Additional requirements: Must be able to register with CNM's Dual-Credit Program

Fees: \$10 for supplies and materials

Dual Credit: [Yes](#) - CNM



Are you interested in an exciting career in New Mexico's film industry? This hands-on course will focus on concepts, techniques and principles of filmmaking, where students create original digital content. Digital Film Production I/CNM FDMA 2120 Film Crew I is a two-semester course that introduces the student to the necessary skill sets, concepts and professional practices common to digital media careers. Whether you're interested in becoming a director, screenwriter, actor, technician or editor, this course prepares you for a career in this growing field. Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment career cluster.

Additional Course Information: NOTE: Film Production I credit is earned in the Fall semester. Students must enroll in CNM FDMA 2120 for Spring semester in order to continue the course. In order for students to earn additional elective credit for CNM FDMA 2120, students MUST complete CNM Registration and enroll in CNM Dual Credit Courses FDMA 2120 by CNM's deadline.

Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Full year	1.0 credit per semester
Session IIIB Tues & Thurs • 3:10-5:10 pm	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: [Arts, Audio/Video Technology & Communications](#)

DIGITAL FILM PRODUCTION II / III

Grades: 10th, 11th, 12th

Prerequisites: Digital Film Production I or Digital Media Film

Additional requirements: none

Fees: \$10 for supplies and materials

Dual Credit: No



Digital Film Production II (Fall Semester) focuses on the mastery of the skills and concepts related to the five phases of film production. The student develops advanced techniques to produce individual and collaborative narrative and/or documentary short films. The student continues to investigate current trends in filmmaking and career opportunities. Students analyze and apply best practices to film production projects, and evaluate their effectiveness in field productions.

Digital Film Production III (Spring Semester) offers the student an opportunity to further study filmmaking principles and techniques with emphasis on mastery of aesthetic and technical skills and concepts. The student refines advanced techniques in screenwriting, pre-production, shooting and editing.

Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Arts, Audio/Video Technology & Communications

DIGITAL MEDIA 3D (ANIMATION I / II)

Grades: 9th, 10th, 11th, 12th

Prerequisites: none

Additional requirements: none

Fees: none

Dual Credit: No



Would you like to learn more about computer animation, the growing industry, opportunities right here in Albuquerque?

Animation offers a variety of experiences such as:

- Modeling 3D objects and animating them using industry standard techniques and software
- Modeling, painting, rigging, and animating your own original characters
- Designing and modeling 3D sets
- Using special effects
- Additional hours outside of class are not required but are super-fun

In **Digital Media Animation 3D**, you will create a fully-animated short film. Each new skill or technique will be taught to you in the context of your own project. You will create your own original or fan-art character by modeling a base character form, sculpting in details, painting color and fine detail on the surface, and rigging the character for motion. You will create your own scene and animate your character in that scene. Finally, you will play movie director, as we use virtual lights and cameras to turn your scene into a short film. Many additional topics are taught on a one-on-one basis to interested students.

Additional Course Information: Skills and knowledge acquired in this course can be applied to the U.S. Department of Education Information Technology career cluster and its respective pathways and the New Mexico Arts and Entertainment and Communication and Information career.

Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Full year	1.0 credit per semester
Session II Mon thru Fri • 1:40-3:10 pm	Full Year	1.0 credit per semester

[Course/Career Cluster or Academic Course of Study: Arts, Audio/Video Technology & Communications](#)

GAME DEVELOPMENT (ADVANCED ANIMATION)

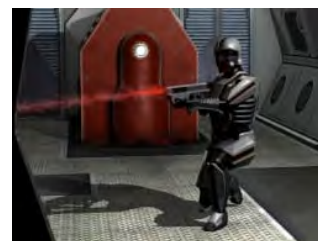
Grades: 11th, 12th

Prerequisites: CEC Animation I/II

Additional requirements: For Game Development Concentration: a programming class is a pre- or corequisite

Fees: none

Dual Credit: No



In **Game Development (Advanced Animation)**, you will choose an animation specialty and explore cutting-edge techniques in one of three fields: Video Game Development, Advanced Animation, or Computer Generated VFX for live-action film.

In Video Game Development you will create your own 3D Video Game or Virtual Reality App using your own art assets. Specialized programming is taught in class, but for this specialty we require concurrent or prior enrollment in either CEC's Web Programming or Computer Science classes.

In Advanced Animation you will learn the latest in hybrid 2D/3D drawn animations, virtual sculpting, body and facial motion capture, lip-sync animation for dialogue, and advanced character rigging - once again, all in the context of your own original short film.

In Visual FX you will learn 3D camera and object tracking, advanced rendering and lighting techniques, node-based compositing, and creation of HDRI environment maps. Some video editing is taught, but for additional editing and cinematography training, we highly recommend concurrent or prior enrollment in CEC's Digital Film Production class. Skills and knowledge acquired in this course can be applied to the U.S. Department of Education Information Technology career cluster and its respective pathways and the New Mexico Arts and Entertainment and Communication and Information career.

Session / Days / Times	Course Length	Credit Information
Session IB Wed & Fri • 8:40-11:00 am + Monday asynchronous online work	Full year	1.0 credit per semester

[Course/Career Cluster or Academic Course of Study: Arts, Audio/Video Technology & Communications](#)

MASS MEDIA COMMUNICATIONS (DIGITAL AUDIO I)

Grades: 9th, 10th, 11th, 12th

Prerequisites: none

Additional requirements: none

Fees: none

Dual Credit: No



Digital Audio I is a survey of the fundamental theories of sound, capturing and editing audio, production of audio projects, and the legal considerations involved. The student explores the science of audio, recording techniques using digital and computer devices, software technologies, and current applications in the marketplace. Topics include, but are not limited to, sound waves, analog vs. digital sound, frequency response, decibels, recording techniques, hardware and software technologies, career exploration, and presentation formats. Literacy strategies are integrated throughout the curriculum.

Session / Days / Times	Course Length	Credit Information
Session IIIA Mon & Wed • 3:10-5:10 pm	Fall semester ONLY	1.0 credit per semester

[Course/Career Cluster or Academic Course of Study: Arts, Audio/Video Technology & Communications](#)

MASS MEDIA COMMUNICATIONS (DIGITAL AUDIO II: PRODUCTION MANAGEMENT)

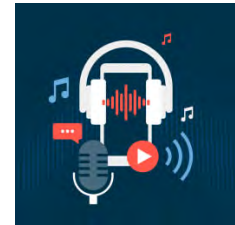
Grades: 10th, 11th, 12th

Prerequisites: Successful completion of Mass Media Communications (Digital Audio I)

Additional requirements: none

Fees: none

Dual Credit: No



In **Digital Audio II: Production Management** students will manage multimedia productions or projects, in part or whole, inspire and motivate others with innovative ideas, and carefully evaluate content according to workplace, school, and community standards. Students will produce media including podcasts, soundtracks & foley for animation & film. Students will utilize technical applications, including word processing (i.e. Word, Docs), desktop publishing for production management (i.e. Photoshop, InDesign, Illustrator), audio and video editing software (i.e. Final Cut Pro, Premiere, Audition, iMovie, GarageBand, and Logic), and a variety of audio equipment.

Session / Days / Times	Course Length	Credit Information
Session IIIA Mon & Wed • 3:10-5:10 pm	Fall semester ONLY	1.0 credit per semester

[Course/Career Cluster or Academic Course of Study: Arts, Audio/Video Technology & Communications](#)

MASS MEDIA I / II (MULTIMEDIA PRODUCTIONS)

Grades: 10th, 11th, 12th

Prerequisites: none

Additional requirements: none

Fees: \$10 for supplies and materials

Dual Credit: No

Want to be a content creator? Interested in learning how to use multimedia to engage, inform and entertain? Multimedia Productions students will learn video and audio, photography, desktop publishing and interactive media skills utilizing industry standard software and equipment. Students will produce content including news packages and programs,

television/web series, vlogs, podcasts, public service announcements and more. Productions will emphasize writing style and technique, as well as production values and organization.

Additional Course Information: Skills and knowledge acquired in this course can be applied to the United States Department of Education Audio-Video Technology & Communications Career Cluster and respective pathways and the New Mexico Arts and Entertainment career cluster.

Session / Days / Times	Course Length	Credit Information
Session IB Wed & Fri • 8:40-11:00 am + Monday asynchronous online work	Full year	1.0 credit per semester

[Course/Career Cluster or Academic Course of Study: Arts, Audio/Video Technology & Communications](#)

DUAL ENROLLMENT CREDIT IS NOT GUARANTEED!

*Students MUST meet the pre-requisites for any specific course AND complete the registration process through the dual credit institution (CNM, UNM, IAIA). All dual credit students must be registered in classes prior to the start of the term in which the classes are scheduled. CEC instructors and the CEC counselor will assist students in enrolling in the course in the first few days of class at CEC, but **it is the STUDENT'S responsibility to be sure that they are registered for the dual credit course.** It is also the STUDENT'S responsibility to adhere to any deadlines for dropping or adding a class through the dual credit institution.*

Law, Public Safety, Corrections & Security

ALBUQUERQUE POLICE DEPARTMENT (APD) POLICE SERVICE AIDE PROGRAM

Grades: 9th, 10th, 11th, 12th (*11th & 12th have first priority*)

Prerequisites: none

Additional requirements: Must be on track to graduate

Fees: none

Dual Credit: [Yes](#) - CNM



In partnership with the Albuquerque Police Department, this course allows students to undergo Police Service Aide training while still in high school. Once accepted, students will be expected to participate fully in all aspects of training, both physical and academic. Good attendance is mandatory. This program is targeted to individuals seriously interested in learning about what it takes to be a law enforcement officer. The program will provide each student with the classroom knowledge and practical skills necessary to perform the duties of a PSA. Areas of study include: the criminal justice system, general law, patrol and traffic investigations. Additionally, students will participate in a physical fitness/tactical training program, and will have the opportunity to experience at least one actual ride-along with an APD officer on patrol. Students will receive hands-on experience in traffic control, report writing, and role playing activities similar to those used to train cadets in the Albuquerque Police Academy.

The two-semester class will be taught by APD personnel who are Police Academy certified instructors. Upon successful completion of the program, students will be recommended for the PSA selection process.

PSA responsibilities consist of enforcing parking laws, investigating misdemeanor offenses, and assisting officers on patrol with traffic accidents. PSAs patrol their assigned area commands in marked city vehicles equipped with emergency equipment and police radios.

Additional Course Information: This is a unique and one-of-a-kind program for students interested in a career in law enforcement. Students will get a certificate of completion from the APD Academy, and once presented to CNM they will receive 7 hours of credit with initial enrollment (6 hrs Criminal Justice & 1 PE credit).

Instructor: John D. Maes • jmaes@cabq.gov • Office ph: (505) 343-5006

Days	Course Length	Credit Information
Session IIIB Tues & Thurs • 3:10-5:10 pm	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: [Government & Public Administration](#)

EMERGENCY MEDICAL TECHNICIAN (EMT) - BASIC

Grades: 11th, 12th

Prerequisites: 3.0 cumulative GPA recommended. Two years of a laboratory science with a grade of C or better. **All applicants MUST PARTICIPATE IN UNM-EMS PLACEMENT TESTING.**



Requirements:

- **Student must be 17 years of age by the first day of class in August.**
- Students will take FISDAR EMT Entrance Assessment after receiving acceptance letter from CEC. Dates TBD.
- Students are required to complete initial course paperwork within one week of the start of the class; this may require parent/guardian signature.
- Students are required to attend class sessions, and cannot miss more than 12 hours of class each semester.

Fees: see info below schedule

Dual Credit: [Yes](#) - UNM

The **EMT Basic** course consists of approximately 200 hours of didactic instruction including both lecture and psychomotor lab instruction on a range of basic lifesaving skills. Upon successful completion of the course, graduates will be eligible to

sit for the National Registry EMT certification examination and obtain NM EMT-Basic certification along with BLS CPR for the Healthcare Provider. The successful student will also be eligible to obtain employment as an EMT-Basic upon obtaining their license. This course is offered as UNM Dual Credit and can be used as a part of UNM's Paramedic Program.

Additional Course Information: Upon successful completion of this course and prior to employment you must pass the National Registry of Emergency Medical Technicians (NREMT) certification exam. The individual will then apply for a New Mexico Emergency Medical Technician-Basic license. This class may fulfill the graduation requirement for a Dual Credit class if UNM continues supporting this program, but it is NOT guaranteed and students must meet requirements to be eligible to apply for UNM credit by the 2nd semester of the class.

[National Registry of Emergency Medical Technicians](#) • [New Mexico Emergency Medical Systems Bureau](#)

Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Full Year	Semester 1: 1.0 elective credit Semester 2: 10 UNM college credits (3.33 APS elective credits)
Session II Tues thru Fri • 1:40-3:10 pm	Full Year	Semester 1: 1.0 elective credit Semester 2: 10 UNM college credits (3.33 APS elective credits)

CEC EMT Fee Schedule:

Required Class Fee:
Fee for the UNM – EMS Academy EMT Coursework: This is a department administration fee not a UNM admissions fee. This fee includes but is not limited in covering curriculum and administrative support such as clinical books, personnel, needle-stick insurance, course curriculum and materials. Due by end of first six-week grading period. TOTAL=\$184.00 <i>*Students may be enrolled in UNM and will receive 10 college credits: EMS 113 (8 Credits–Lecture) and EMS 142 (2 Credits–Lab) applicable towards a Bachelor Degree at UNM. New Mexico licensure is required for degree admissions.</i>
Additional Fees:
NREMT* – National Registry of Emergency Medical Technicians – EMT: certification exam (optional) - \$98.00
NM EMT* – New Mexico Emergency Medical Technician – Basic: initial Licensure fees (optional) - \$65.00
Class uniform - T-shirt with UNM EMS logo – approx. \$12.00 (short sleeves)
<i>Please contact CEC Administration if there are concerns or financial difficulties with paying the fees. A payment plan can be set up or assistance can be given.</i>

**NREMT and NM EMT fees are listed but are not required unless student is planning on getting certified. These fees are incurred after students finish the program. Student must make arrangements with the testing centers: the [National Registry of Emergency Medical Technicians](#) and the [NM Emergency Medical Systems Bureau](#).*

Course/Career Cluster or Academic Course of Study: Law, Public Safety, Corrections & Security

FIRE SCIENCE

Grades: 11th, 12th

Prerequisites: Reading & Writing Skills 2 + Math Skills 2 (proficiency requirements can be met through Accuplacer scores - see [CNM website](#) for details)

Additional requirements: None

Fees: None

Dual Credit: [Yes](#) - CNM

Fire Science is a year-long course consisting of two CNM classes:

Principles of Emergency Services (FS 1010): This course provides an overview to fire protection and emergency services; career opportunities in fire protection and related fields; culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government;



laws and regulations affecting fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives. This course meets the requirements set forth by the Fire and Emergency Services Higher Education (FESHE) Initiative.

Wildland Firefighting (FS 1504): Students will gain knowledge in wildland fire standards, techniques and suppression methods associated with various fuel types, weather and topography, as well as fire line references and the techniques associated with wildland structural defense. Students will gain a working knowledge of fire behavior and fire control techniques needed to carry out wildland fire tasks. Successful students receive S-130, S-190, I-100, and L-180 certificates recognized by the National Wildfire Coordination Group (NWCG).

Additional Course Information: CEC’s **Fire Science** program offers students two foundational courses which upon successful completion of courses and assessments, lead to fire science national certifications. **Principles of Emergency Services** serves as a prerequisite to completing Firefighting I/II, the basic certification for structural firefighting. The **Wildland Firefighting** certifications serve as a prerequisite for students to earn their Red Card, on their path to becoming a Hot Shot. If students are interested in a career as a firefighter in New Mexico, taking these two courses may provide students preference in being accepted into Albuquerque Fire Rescue (AFR), an all-hazards fire agency.

Session / Days / Times	Course Length	Credit Information
TBA	Full Year	1.0 APS elective credits + 3.0 College Credits per semester (Fall - CNM Dual Credit FS 1010 - Principles of Emergency Services) (Spring - CNM Dual Credit FS 1504 - Wildland Firefighting)

Course/Career Cluster or Academic Course of Study: Law, Public Safety, Corrections & Security

DUAL ENROLLMENT CREDIT IS NOT GUARANTEED!

Students MUST meet the pre-requisites for any specific course AND complete the registration process through the dual credit institution (CNM, UNM, IAIA). All dual credit students must be registered in classes prior to the start of the term in which the classes are scheduled. CEC instructors and the CEC counselor will assist students in enrolling in the course in the first few days of class at CEC, but it is the STUDENT'S responsibility to be sure that they are registered for the dual credit course. It is also the STUDENT'S responsibility to adhere to any deadlines for dropping or adding a class through the dual credit institution.

Native American Classes

These classes are open to Native American students

NATIVE AMERICAN STUDIES & GOVERNMENT / ECONOMICS

Grades: 9th, 10th, 11th, 12th

Prerequisites: None

Additional requirements: none

Fees: None

Dual Credit: No



This course offers both Government and Economics credit and meets the APS graduation requirement and state content standards. The course teaches Government and Economics through a Native American perspective.

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

Economics (Spring Semester w/Native Studies II) is a semester course with an emphasis on the allocation of scarce resources and the economic reasoning used by government agencies, Native American tribes, and by people in various economic roles. The student examines topics such as scarcity, supply and demand, market structures, the role of government, money, the role of financial institutions, and international trade.

Native American Studies I (Fall semester with Government) and **Native American Studies II** (Spring semester with Economics) - A general survey course that traces the cultural and historical development of Native American nations from pre-history to present.

Additional Course Information: **Students receive 1.5 credits per semester for these classes. These classes cannot be split up and must be taken together to receive credit.*

Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full Year	1.5 credits per semester <i>Fall semester: Government / Native Studies I</i> <i>Spring semester: Economics / Native Studies II</i>

[Course/Career Cluster or Academic Course of Study: Government & Public Administration](#)

NATIVE AMERICAN LEADERSHIP AND PERFORMING ARTS

Grades: 10th, 11th, 12th

Prerequisites: None

Additional requirements: None

Fees: None

Dual Credit: No



Native American Leadership is an advanced Native American Studies (NAS) course designed for students who take an additional interest in the Native American Performing Arts. This course is designed to give a thorough and in depth look at contemporary and traditional forms of Native American leadership and government. It allows students to explore performing arts by applying music and leadership to the knowledge learned in previous NAS classes by asserting and demonstrating leadership, motivational, and skills-building techniques. Expectations are high as students are required to head school and community project planning committees, present information to a variety of audiences using various mediums and technologies (e.g., video, power point, poster boards), and communicate and engage with local Native American organizations.

Session / Days / Times	Course Length	Credit Information
Session IIIA Mon & Wed • 3:10-5:10 pm <i>*Students will be expected to participate in after-school events and activities.</i>	Full Year	1.5 elective credits per semester

Course/Career Cluster or Academic Course of Study: N/A

NAVAJO HISTORY AND GOVERNMENT

Grade: 12th

Prerequisites: A CIB and a 506 Form on file with Indian Education Department

Additional requirements: None

Fees: None

Dual Credit: No

Navajo History and Government will offer the history and government of the Navajo Nation. Major historical themes include the Navajo Creation story, Navajo Long Walk, Stock Reduction, and the Navajo Code Talkers. Major government themes will include the traditional Navajo leadership, the Navajo Treaty of 1868, the evolution of the Navajo Nation Chapters, evolution of the Navajo Tribal Council, and the Navajo government today. Curriculum is developed by the Navajo Nation Office of Dine' Culture, Language and Community Services and is designed to qualify Navajo Nation students for the Chief Manuelito Scholarship.

Additional Course Information: This class does NOT count for Govt credit for graduation purposes.

Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Fall -OR- Spring semester	0.5 elective credit per semester

Course/Career Cluster or Academic Course of Study: N/A

NAVAJO LANGUAGE I / II

Grades: 10th, 11th, 12th

Prerequisites: Students taking Navajo II must have a passing grade in Navajo I. Students also must be enrolled in a federally recognized tribe and have a 506 and CIB data on file with the district.

Additional requirements: None

Fees: None

Dual Credit: [Yes](#) - IAIA

Would you like to learn a language spoken by grandparents, parents, and tribal leaders? This class teaches students to read and write Navajo and opens doors to understand Southwestern culture:

- This class will allow students to study Navajo culture, traditions, and language.
- Successful completion of both classes will qualify students for the district and state bilingual seals.
- This class satisfies the language requirement to be eligible for the Chief Manuelito Scholarship, which is given only to eligible Navajo students who have taken a Navajo class. Students also need 0.5 credit of Navajo Government (also offered at CEC) and a 3.0 GPA.

Navajo I (IAIA NAVJ101*): Introduces students to the basic skills – listening and speaking – and to the basic structures of Navajo taught within the cultural context. Areas of study include expression, comprehension, language and culture, language functions, connections and personal applications. Emphasis is placed on listening and speaking, communication skills, and cultural activities.



Navajo II (IAIA NAVJ102*): Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the student develops the ability to write and speak in a meaningful and appropriate manner. Navajo II continues the focus on the basic language skills: listening, speaking, reading, and writing as well as encourages deeper appreciation of the Navajo culture and language. Areas of study include expression, comprehension, language and culture, cultures, language functions, connections, and personal applications. Emphasis is placed on applying oral, written, communication skills to personal, academic, and cultural activities.

Additional Course Information: IAIA Dual Credit may be available, but is not guaranteed.** IAIA Dual Credit is a possibility for those students who meet the requirements. *Qualified* students may earn credit for IAIA NAVJ101 and IAIA NAVJ102.

Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Full year	Navajo I: 1.0 elective credit for Semester I Navajo II: 1.0 elective credit for Semester II
Session II Mon thru Fri • 1:40-3:10 pm	Full year	Navajo I: 1.0 elective credit for Semester I Navajo II: 1.0 elective credit for Semester II
Session IIIC (Online only) Mon thru Thurs • 6:00-8:00 pm	Full year	Navajo I: 1.0 elective credit for Semester I Navajo II: 1.0 elective credit for Semester II

Course/Career Cluster or Academic Course of Study: N/A

NAVAJO LANGUAGE III / IV

Grades: 10th, 11th, 12th

Prerequisites: Successfully completed Navajo I and II. Students also must also be either enrolled in a federally recognized tribe with a CIB on file or of tribal descent and have a completed 506 on file with the district.

Additional requirements: None

Fees: None

Dual Credit: [Yes](#) - IAIA

Navajo III is an intermediate Navajo language course for students with previous exposure (e.g. Navajo I and Navajo II). This class will focus on the continued development of all four language skills (speaking, listening, reading, writing), with an emphasis on listening and speaking. The goal of this course is to develop Navajo language skills to be able to communicate at the intermediate level (low-mid). The course will use a communicative approach for students to learn about the fundamentals of conversation, vocabulary, and grammar. Lessons are enhanced with learning opportunities that connect families, community and school.

Navajo IV is a continuation of NAVAJO III and builds on those concepts. This class continues to focus on the continued development of all four language skills (speaking, listening, reading, writing), with an emphasis on listening and speaking. The goal of this course is to develop Navajo language skills to be able to communicate at the intermediate level (high). The course will use a communicative approach for students to learn about the fundamentals of conversation, vocabulary, and grammar. Students at this level are fully immersed with learning opportunities that connect families, community and school to prepare for the APS and State Bilingual Seals. Includes a portfolio and essay component.

Session / Days / Times	Course Length	Credit Information
Session IB Wed & Fri • 8:40-11:00 am + Monday asynchronous online work	Full year	Navajo III: 1.0 elective credit for Semester I Navajo IV 1.0 elective credit for Semester II

Course/Career Cluster or Academic Course of Study: N/A

SHIWI'MA BENA:WE / ZUNI LANGUAGE I / II

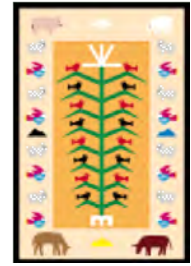
Grades: 10th, 11th, 12th

Prerequisites: Students will be an enrolled member of the Pueblo of Zuni and have a 506 and a CIB document on file with the APS Indian Education Department. Students taking Zuni II will have successfully completed Zuni I.

Additional requirements: None

Fees: None

Dual Credit: [Yes](#) - IAIA



Would you like to learn a language spoken by your grandparents, parents, and tribal leaders? Zuni language classes reconnect students to their families and communities. Zuni students will:

- Be immersed in listening, speaking, reading, and writing the Zuni language.
- Successfully complete Zuni I and II language classes and qualify for the APS Indian Education Department's Native American Bilingual Seal and state bilingual seal.

Zuni I: introduces students to the basic skills – listening and speaking – and to the basic structures of Zuni taught within the cultural context. Areas of study include expression, comprehension, language and culture, language functions, connections and personal applications. Emphasis is placed on:

- Listening, and speaking
- Communication skills
- Cultural activities

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

Session / Days / Times	Course Length	Credit Information
Session IB Tues & Thurs • 8:40-11:00 am	Zuni I: Fall Zuni II: Spring	Zuni I: 1.0 elective credit for Sem I Zuni II: 1.0 elective credit for Sem II

Course/Career Cluster or Academic Course of Study: N/A

SHIWI'MA BENA:WE / ZUNI LANGUAGE III / IV

(Pending District Approval)

NOTE: This course is currently in the development process; applicants will receive an update in mid-April notifying them whether the course will be available for 2024-25. Applicants are encouraged to request the course if interested.

Grades: 10th, 11th, 12th

Prerequisites: Successfully completed Zuni I and II. Students also must also be either enrolled as a member of the Pueblo of Zuni with a CIB on file or of Zuni tribal descent with a completed 506 on file with the district.

Additional requirements: None

Fees: None

Dual Credit: [Yes](#) - IAIA

Zuni III is an intermediate Zuni language course for students with previous exposure (e.g. Zuni I and Zuni II). This class will focus on the continued development of all four language skills (speaking, listening, reading, writing), with an emphasis on listening and speaking. The goal of this course is to develop Zuni language skills to be able to communicate at the intermediate level (low-mid). The course will use a communicative approach for students to learn about the fundamentals of conversation, vocabulary, and grammar. Lessons are enhanced with learning opportunities that connect families, community and school.

Zuni IV is a continuation of ZUNI III and builds on those concepts. This class continues to focus on the continued development of all four language skills (speaking, listening, reading, writing), with an emphasis on listening and speaking. The goal of this course is to develop Zuni language skills to be able to communicate at the intermediate level (high). The course will use a communicative approach for students to learn about the fundamentals of conversation, vocabulary, and grammar. Students at this level are fully immersed with learning opportunities that connect families, community and school to prepare for the APS and State Bilingual Seals. Includes a portfolio and essay component.

Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Zuni III: Fall Zuni IV: Spring	Zuni III: 1.0 elective credit for Sem I Zuni IV: 1.0 elective credit for Sem II

Course/Career Cluster or Academic Course of Study: N/A

DUAL ENROLLMENT CREDIT IS NOT GUARANTEED!

Students MUST meet the pre-requisites for any specific course AND complete the registration process through the dual credit institution (CNM, UNM, IAIA). All dual credit students must be registered in classes prior to the start of the term in which the classes are scheduled. CEC instructors and the CEC counselor will assist students in enrolling in the course in the first few days of class at CEC, but it is the STUDENT'S responsibility to be sure that they are registered for the dual credit course. It is also the STUDENT'S responsibility to adhere to any deadlines for dropping or adding a class through the dual credit institution.

Science and Math Courses

ADVANCED PLACEMENT CHEMISTRY

Grades: 10th, 11th, 12th

Prerequisites: Successfully completed Chemistry 1, unless teacher approved

Additional requirements: At least enrolled in Algebra 2

Fees: \$20 Lab fee

Dual Credit: No



AP Chemistry is a high-level science class that is intended for students that have a deep interest in science and want to pursue a career in the fields of chemistry, biology, medical, or engineering.

This course is a challenging, rigorous, class that will prepare students for college science laboratory study through inquiry labs, mathematical based problem solving, and outside class work.

Students will cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy.

The nine units of instruction students will become familiar with in preparation for the AP Chemistry exam are:

- Atomic structure and properties including the mole and periodic trends
- Molecular and Ionic compound structure and properties including bonding
- Intermolecular forces and properties
- Chemical reactions including stoichiometry and reaction types
- Kinetics
- Thermodynamics and its application
- Equilibrium including Acids and bases and Le Chatelier's Principle

Additional Course Information: This class is a high level, high rigor class designed to prepare students for college lab classes, the AP exam, and a career in a scientific field.

Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full Year	0.5 credit per semester

Course/Career Cluster or Academic Course of Study: Science, Technology, Engineering & Mathematics

ADVANCED PLACEMENT PHYSICS C: MECHANICS WITH PRE-ENGINEERING PHYSICS

Grades: 11th, 12th

Prerequisites: Corequisite Calculus (Can be completed before this course)

Additional requirements: None

Fees: None

Dual Credit: No



AP Physics C is officially authorized by the College Board in mechanics. The course also offers supplemental material, including enough electricity and magnetism to design and build battle bots for the final project. This course is equivalent to calculus-based Physics at the university level and serves as the foundation physics course for students majoring in the physical sciences or engineering with the following:

- Motion, force and energy
- How to use the concept of torque to judo throw your teacher
- Hands-on lab activities with Nerf guns, Hot Wheel cars, and ultra-sonic motion detectors
- Designing and building small remote-operated vehicles

AP Physics is a laboratory course that is designed as a rigorous introductory college level physics course with laboratory activities. The student examines mechanics at a level appropriate for college majors in the physical sciences and

engineering. It is recommended as a second-year physics course for the student interested in the physical sciences and/or engineering. The student uses calculus to formulate physical principles to solve problems and applies inquiry to the study of matter and energy and their interaction.

Additional Course Information: The student is encouraged, but is not required, to take the AP exam at the end of the school year.

Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full Year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Science, Technology, Engineering & Mathematics

ADVANCED PLACEMENT STATISTICS AND PROBABILITY

Grades: 11th, 12th

Prerequisites: Successful completion of Geometry & Algebra 2

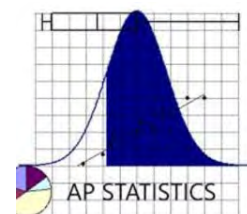
Additional requirements: none

Fees: none

Dual Credit: No

AP Probability & Statistics is the high school *equivalent* of a one semester, introductory college statistics course, but is taught over the course of a year in high school. Students develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students design, administer, and tabulate results from surveys and experiments. Probability and simulations aid students in constructing models for chance behavior. Sampling distributions provide the logical structure for confidence intervals and hypothesis tests. To develop effective statistical communication skills, students are required to prepare frequent written and oral analyses of real data.

Additional Course Information: AP Stats Exam; The ability to earn this college credit supports careers in allied health fields (which fits the nursing schedule for senior nursing students), engineering and business.



Session / Days / Times	Course Length	Credit Information
Session IIIA Mon & Wed • 3:10-5:10 pm	Full Year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Business, Management & Administration

ASTRONOMY

Grades: 10th, 11th, 12th

Prerequisites: none

Additional requirements: Successful completion of Algebra I

Fees: \$20 Lab fee

Dual Credit: No



Would you like to learn more about the universe such as galaxies, stars, and the Earth's place in the universe?

- History and development of astronomy and physics
- The formation of the solar system and universe with most up to date theories
- Workings of stars and their life cycles
- Cosmology
- Comparative planetology and the basic working and use of telescopes
- The course is Project driven and uses a variety of learning methods to develop a more expansive, mathematical understanding of astronomy!

Astronomy is a laboratory course and is designed to teach the student develop a clear understanding of the formation and workings of the universe. This will include learning about our planet’s position in the solar system, comparative planetology, the workings of stars and the Sun, formation and identification of galaxies, tools of astronomy, and theories of cosmology and the big bang theory. This class will use algebra and geometry to understand and support a deeper understanding of celestial mechanics, Kepler’s and Newton’s Laws, and methods of measuring stars. The student examines scientific thinking and practices, and how science impacts individuals and society. Literacy strategies are integrated throughout the curriculum, and a variety of activities will support student learning.

Additional Course Information: May be opportunities outside of class time for telescope viewing and celestial observation.

Session / Days / Times	Course Length	Credit Information
Session IIIB Tues & Thurs • 3:10-5:10 pm	Fall OR Spring semester	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Science, Technology, Engineering & Mathematics

FORENSIC SCIENCE

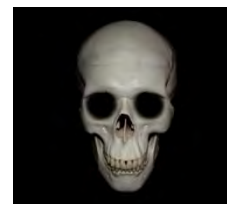
Grades: 11th, 12th

Prerequisites: Biology and chemistry

Additional requirements: none

Fees: none

Dual Credit: No



Forensic Science is an advanced laboratory course designed for students interested in forensic science. The philosophical, rational, and practical framework that supports a forensic investigation is presented via an integrated curriculum. This course presents the unifying principles of forensic science, discusses the foundation of forensic science in the basic sciences and mathematics, and introduces the technique of integrating these areas in the determination of the cause of death. The student studies forensic anthropology, biochemistry, chemistry, botany, entomology, and physics as well as problem-solving techniques utilized in analyzing a crime scene. Other topics include ballistics, autopsies, mass disasters, epidemiology of environmental disaster, biological weapons as well as toxicology, microbiology, and pathology. The instructor utilizes a variety of techniques (e.g., demonstration, lecture, laboratory case studies) and literacy strategies (e.g., reading, writing, speaking, research) to deliver the curriculum.

Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full Year	1.0 credit per semester
Session IIIA Mon & Wed • 3:10-5:10 pm	Full Year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: Science, Technology, Engineering & Mathematics

Special Education Classes

TWICE EXCEPTIONAL (2X) CLASSES:

Grades: 9th, 10th, 11th, 12th

Prerequisites: must have an IEP with giftedness as well as a disability

Additional requirements: Teacher recommendation

Fees: None

Dual Credit: No

Do you have two eligibilities, one of which is gifted?

Would you benefit from an enhanced and challenging language arts and/or mathematics program that would assist in your area of deficit and help you rise to your potential?

Can you be successful on two campuses while managing daily transportation and multi-level classrooms?

Would you benefit by meeting some of your graduation requirements in mathematics and language arts in an accelerated format?

The **Career Enrichment Center Twice Exceptional Classes** offer a specialized district opportunity for students who meet the criteria for gifted services and are eligible for special education services in an additional area. Teachers for these classes are certified in special education. Students receive support in the development of strengths, interests, and superior intellectual capacities based on IEP goals. Classrooms have a low student/teacher ratio. While attending these classes, students must also be enrolled in their neighborhood school to gain other graduation requirements and receive ancillary services. Students attend CEC for portions of the day for core curriculum in Mathematics and Language Arts. The accelerated/enriched Language Arts and Mathematics curriculum helps students fulfill their graduation requirements in a non-traditional setting and prepare them for a post-secondary or training program of their choice.

Steps:

- Discuss the possibility with your educational team at the neighborhood school. If you want to explore it further contact Jada Bower at bower_j@aps.edu.
- After confirming the two eligibilities, Jada Bower may ask you to arrange a visit. IEP team members, parents and students are invited to explore this possibility. Instructional Managers of the neighborhood high school and CEC will be consulted.
- If after your visit the team feels it is a strong possibility, the neighborhood high school will arrange an IEP and invite CEC to be part of the team decision. Students can be considered/reconsidered at any time during their high school career.

TWICE EXCEPTIONAL (2X) MATH AND MATH STRATEGIES

Session / Days / Times	Course Length	Credit Information
Session IIIC Mon-Thurs • 3:10-5:10 pm	Full year	1.0 credits per semester (0.5 credit per semester for Math, 0.5 for Math Strategies)

Course/Career Cluster or Academic Course of Study: Education & Training

TWICE EXCEPTIONAL (2X) ELA AND ELA STRATEGIES

Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full year	1.0 credits per semester (0.5 credit per semester for ELA, 0.5 for ELA Strategies)

Course/Career Cluster or Academic Course of Study: Education & Training

World Languages

CHINESE COURSES

Did you know that Chinese is the most spoken language in the world? In this class you will learn:

- Listening, speaking (Mandarin), reading and writing Chinese
- Appreciation of Chinese culture through traditions, history, film, cuisine and pop culture
- Chinese calligraphy, poetry, handcrafts
- Cultural exchange project with high school student in Taiwan



UNM Dual Credit is a possibility for those students who meet the requirements of the UNM and CEC Chinese language program.* Qualified students may enroll in the UNM Dual Credit program and earn UNM credit for CHIN 1110 and 1120, CHIN 2110 and 2120, and/or CHIN 301 and 302.

There are two options to earn the State of New Mexico Seal of Bilingualism-Biliteracy in Chinese. Contact Chinese instructor Ms. Hsu (hsu_r@aps.edu) for more info.

CHINESE I / II

Grades: 9th, 10th, 11th, 12th

Prerequisites: Recommended: 2.5 GPA for Chinese I; for Spring semester Chinese II, successful completion of Chinese I with C or better.

Additional requirements: For UNM Dual Credit enrollment (occurs in the spring): students must maintain an A average in class for the Fall semester

Fees: \$10

Dual Credit: [Yes](#) - UNM

Chinese I: Introduce students to the basic language skills: listening, speaking (Mandarin), reading, and writing. Encourage student's appreciation of the Chinese culture and language through traditions, history, film, cuisines and pop culture. Areas of study include expression, comprehension, language and culture, cultures, language functions and personal applications. Students learn to apply oral, written, communication skills to personal, academic, and cultural activities.

Chinese II: Continue the focus on the basic language skills: listening, speaking (Mandarin), reading, and writing. Encourage student's appreciation of the Chinese culture and language through traditions, history, film, cuisines and pop culture. Areas of study include expression, comprehension, language and culture, cultures, language functions and personal applications. Students learn to apply oral, written, communication skills to personal, academic, and cultural activities.

Additional Course Information: Students have the opportunity to participate in Cultural Exchange project via Albuquerque Sister Cities Foundation, including virtual meeting with high school students in Taiwan and more.

Session / Days / Time	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Full year (Chinese I in Fall, Chinese II in Spring)	1.0 credit per semester 3.0 UNM credits for qualifying students
Session II Mon thru Fri • 1:40-3:10 pm	Full year (Chinese I in Fall, Chinese II in Spring)	1.0 credit per semester 3.0 UNM credits for qualifying students

Course/Career Cluster or Academic Course of Study: World Languages

CHINESE III / IV

Grades: 9th, 10th, 11th, 12th

Prerequisites: For Chinese III, successful completion of Chinese II with C or better; for Spring semester Chinese IV, successful completion of Chinese III with C or better.

Additional requirements: For UNM Dual Credit enrollment (occurs in the spring): students must maintain an A average in class for the Fall semester

Fees: \$10

Dual Credit: [Yes](#) - UNM

Chinese III: Expand student's skills: listening, speaking, reading, and writing. Encourage student's deeper appreciation of Chinese culture and language. Areas of study include expression, comprehension, language and culture, cultures, language functions, and personal applications. The student begins to focus on presentation, dialogue, and creative writing skills in an area of interest.

Chinese IV: Reinforce student's skills: listening, speaking, reading, and writing. Encourage student's deeper appreciation of Chinese culture and literary genres. Areas of study include expression, comprehension, language and culture, cultures, language functions, and personal applications. The student begins to focus on presentation, dialogue, and creative writing skills in an area of interest.

Additional Course Information: Students have the opportunity to participate in Cultural Exchange project via Albuquerque Sister Cities Foundation, including virtual meeting with high school students in Taiwan and more.



Session / Days / Time	Course Length	Credit Information
Session IB Wed & Fri • 8:40-11:00 am + Monday asynchronous online work	Full year (Chinese III in Fall, Chinese IV in Spring)	1.0 credit per semester 3.0 UNM credits for qualifying students

Course/Career Cluster or Academic Course of Study: [World Languages](#)

CHINESE V / VI

Grades: 10th, 11th, 12th

Prerequisites: For Chinese V, successful completion of Chinese IV with C or better; for Spring semester Chinese VI, successful completion of Chinese V with C or better.

Additional requirements: For UNM Dual Credit enrollment (occurs in the spring): students must maintain an A average in class for the Fall semester

Fees: \$10

Dual Credit: [Yes](#) - UNM

For students who are not eligible for AP Chinese class and would like to take Chinese at the advanced level.

Chinese V: Reinforce and intensify student's language skills. Areas of study include expression, comprehension, language and culture, cultures, language functions, and personal applications. Students focus on presentation, creative writing skills in an area of interest, and participation in local Chinese community activities.

Chinese VI: Reinforce and intensify student's language skills. Students will explore career opportunities such as linguistics, international relations, tourism and more. Students focus on presentation, creative writing skills in an area of interest. In addition to participate in local Chinese community activities, students have the opportunity to interview local Chinese professionals based on their career interests.

Additional Course Information: Students have the opportunity to participate in Cultural Exchange project via Albuquerque Sister Cities Foundation, including virtual meeting with high school students in Taiwan and more.



Session / Days / Time	Course Length	Credit Information
Session IB Wed & Fri • 8:40-11:00 am + Monday asynchronous online work	Full year (Chinese V in Fall, Chinese VI in Spring)	1.0 credit per semester 3.0 UNM credits for qualifying students

[Course/Career Cluster or Academic Course of Study: World Languages](#)

AP CHINESE

Grades: 10th, 11th, 12th

Prerequisites: Successful completion of Chinese IV with a B or better.

Additional requirements: Strongly Recommended: Students take the AP Chinese Language and Culture exam at the end of the year. Chinese heritage learners who have not taken CEC Chinese classes may register for AP Chinese upon Chinese instructor's approval. The Chinese instructor will contact AP applicants in the spring for an interview. Interested students may contact Ms. Hsu at CEC for more information.



Fees: \$10

Dual Credit: [Yes](#) - UNM

Prepare students to reach the high-intermediate /pre-advanced proficiency level as defined by American Council on the Teaching of Foreign Languages (ACTFL). The course is also comparable to fourth semester college course in Mandarin Chinese, or when the student completes approximately 250 hours of college level classroom instruction.

The College Board officially authorizes CEC AP Chinese courses. Areas of study include six themes: Families in Different Societies, the Influence of Language and Culture on Identity, Influences of Beauty and Art, How Science and Technology Affect Our Lives, Factors that Impact the Quality of Life, Environmental, Political, and Societal Challenges. Emphasis is placed on independent study in Chinese. Leadership and mentorship are practiced in the class.

Additional Course Information: Students have the opportunities to take language proficiency tests such as AAPPL and STAMP before taking AP Chinese exam. When students pass the proficiency test and meet credit requirements, they may earn NM State Bilingual seal for Chinese.

Session / Days / Time	Course Length	Credit Information
Session IB Wed & Fri • 8:40-11:00 am + Monday asynchronous online work	Full Year	1.0 credit per semester

[Course/Career Cluster or Academic Course of Study: World Languages](#)

CHINESE BILINGUAL SEAL SUPPORT

Grade: 12th

Prerequisites: Pass AAPPL, STAMP or AP Chinese exam as required by APS

Additional requirements: Approval by instructor to take the class.

Fees: N/A

Dual Credit: No

This course will provide support for students who intend to earn their New Mexico State Bilingual Seal. This course is for students who DO NOT have 4 Chinese credits but have passed a Chinese language proficiency test, and want to pursue the state bilingual seal for Chinese. Students also need to have 15 hours of community service in EACH English and Chinese communities.

Additional Course Information: Need to complete "Portfolio Presentation" as required by APS Language, Culture and Equity office. Teacher will discuss with parent and/or student where and how to volunteer for local Chinese community.

Session / Days / Time	Course Length	Credit Information
Online meeting by arrangement	Fall semester only	0.5 credit per semester

Course/Career Cluster or Academic Course of Study: World Languages

FRENCH I / II

Grades: 10th, 11th, 12th

Prerequisites: French I: Accuplacer Next-Generation: Reading score 257 or higher OR Accuplacer Next-Generation: WritePlacer Score score 6 or higher OR DSP score. French II: Grade of C or better in French 1110 (French I)

Additional requirements: Must be able to register with CNM's Dual-Credit Program.

Fees: none

Dual Credit: [Yes](#) - CNM

Language acquisition is a developmental process. Over time these learners attain the ability to write and speak in a meaningful and appropriate manner.

French I introduces students to the basic skills - listening, speaking, reading, and writing – and to the basic structures of French taught within the cultural context. Areas of study include expression, comprehension, language and culture, language functions, connections, and personal applications. Emphasis is placed on oral, written, communication skills, and cultural knowledge.

French II continues the focus on the basic language skills: listening, speaking, reading, and writing as well as encourages deeper appreciation of the French culture and language. Areas of study include expression, comprehension, language and culture, language functions, connections, and personal applications. Emphasis is placed on oral, written, communication skills, and cultural knowledge.

Additional Course Information: CNM FREN 1110/1120. CNM Dual Credit may be available, but is not guaranteed.



Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full year (French I in Fall, French II in Spring)	1.33 credits per semester 4.0 CNM credits per semester for qualifying students

Course/Career Cluster or Academic Course of Study: World Languages

FRENCH III / IV

Grades: 11th, 12th

Prerequisites: For French III, grade of C or better in French 1110 (French I) and French 1120 (French II); for Spring semester French IV, grade of C or better in French 2110 (French III).

Additional requirements: Must be able to register with CNM's Dual-Credit Program.

Fees: none

Dual Credit: [Yes](#) - CNM

Language acquisition is a developmental process aimed at the ultimate goal of communication. Over time the student develops the ability to write and speak in a meaningful and appropriate manner.

French III reinforces and intensifies language skills: listening, speaking, reading, and writing as well as encourages deeper appreciation of the French culture and language. Areas of study include expression, comprehension, language and culture, cultures, language functions, connections, and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic, and cultural activities.

French IV reinforces and intensifies language skills: listening, speaking, reading and writing as well as encourages deeper appreciation of the French culture, language, literary genres and value to career opportunities. Areas of study include:



expression, comprehension, language and culture, cultures, language functions, connections and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic and cultural activities.

Additional Course Information: CNM FREN 2110/2120. CNM Dual Credit may be available, but is not guaranteed.

Session / Days / Times	Course Length	Credit Information
Session IIIB Tues & Thurs • 3:10-5:10 pm	Full year (French III in Fall, French IV in Spring)	1.33 credits per semester 4.0 CNM credits per semester for qualifying students

Course/Career Cluster or Academic Course of Study: World Languages

GERMAN COURSES

Did you know that English is a Germanic language? In this class, you will:

- Read, write, sing, and cook in German.
- Watch films in German.
- Have the opportunity to travel to Germany.



GERMAN I / II

Grades: 10th, 11th, 12th

Prerequisites: None

Additional requirements: None

Fees: \$5 per year

Dual Credit: No

What's the best way to learn a new language? Language acquisition is a developmental process. First, the student should be surrounded by the sounds and the words of that language as much as possible. Second, the student needs to understand everything they are hearing and reading. It's kind of how we all learned to speak our first language and this is how I teach German at CEC. In class you will hear German all day long. You will read German every day. And I will make sure that you understand all of it. In addition, we will sing, cook, and play games. Plus, we laugh in class - A LOT!

German I introduces student to listening, speaking, reading and writing, and to the basic structures of German. Areas of study include expression, comprehension, language and culture, language functions, connections and personal applications.

German II continues the focus on basic skills, and encourages deeper appreciation of German culture and language.

Additional Course Information: German 1 and 2 are taught in the fall and spring respectively.

Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: World Languages

GERMAN III / IV

Grades: 11th, 12th

Prerequisites: C or better in German I/II

Additional requirements: none

Fees: \$5.00 per year

Dual Credit: No



German III reinforces and intensifies language skills - listening, speaking, reading, and writing – as well as encourages deeper appreciation of the German culture and language. Areas of study include expression, comprehension, language

and culture, language functions, connections, and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic and cultural knowledge. Offered first semester.

German IV students will be exposed to career opportunities, literary experiences and embedded language exploration of food, music and culture.

Additional Course Information: German 3 and 4 are taught in the Fall and Spring respectively.

Session / Days / Times	Course Length	Credit Information
Session II Mon thru Fri • 1:40-3:10 pm	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: World Languages

JAPANESE COURSES

Do you want to learn the language of the country which brought anime and video games to the world? The class is fun and exciting, but also challenging, so prepare to study seriously (a lot of memorization required). In this class, we will:

- Listen, speak, read, and write Japanese
- Discover the culture through various media
- Engage in activities such as songs, calligraphy, and “manga” creation



Homework: We do many writing exercises in Japanese class. Students who are unable to finish their work during the period must complete it at home. The homework must be turned in at the beginning of the next class for full credit. There will also be weekly quizzes. Students are expected to demonstrate good study habits and study regularly.

JAPANESE I / II

Grade: 10th, 11th, 12th

Prerequisites: Recommended: 2.5 cumulative GPA

Additional requirements: none

Fees: Lab Fee: \$10.00

Dual Credit: No

Japanese I introduces students to the basic skills – listening, speaking, reading, and writing – and to the basic structures of Japanese taught within the cultural context. Areas of study include expression, comprehension, language and culture, cultures, language functions, connections, and personal applications. Emphasis is placed on oral, written, communication skills, and cultural activities.

Japanese II continues the focus on the basic language skills: listening, speaking, reading, and writing as well as encouraging a deeper appreciation of Japanese culture and language. Areas of study include expression, comprehension, language and culture, cultures, language functions, connections, and personal applications. Emphasis is placed on applying oral, written, communication skills to personal, academic, and cultural activities.

Additional Course Information: Japanese II: Due to the nature of this class, students who have less than a C in Japanese I at semester end will be advised not to continue with Japanese II.

Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Full year	1.0 credit per semester
Session II Mon thru Fri • 1:40-3:10 pm	Full year	1.0 credit per semester

Course/Career Cluster or Academic Course of Study: World Languages

JAPANESE III / IV

Grade: 10th, 11th, 12th

Prerequisites: Successful completion of Japanese I and II with C or better.

Additional requirements: Students who have less than a C in Japanese III will be advised not to continue with Japanese IV. Students who are native and/or heritage speakers and who pass an entrance test at the beginning of the fall semester may take Japanese III.

Additional Time Commitment: 2-3 hours of outside work per week

Fees: \$10

Dual Credit: No

Japanese III reinforces and intensifies language skills: listening, speaking, reading, and writing as well as encouraging a deeper appreciation of Japanese culture and language. Areas of study include expression, comprehension, language and culture, cultures, language functions, connections, and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic, and cultural activities.

Japanese IV reinforces and intensifies language skills: listening, speaking, reading, and writing as well as encouraging a deeper appreciation of Japanese culture, language, and literary genres. Students will be exposed to career opportunities such as linguists and diplomats as well. Areas of study include expression, comprehension, language and culture, cultures, language functions, connections, and personal applications. Emphasis is placed on applying oral and written communication skills to personal, academic, and cultural activities.

Additional Course Information: Due to the nature of this class, students who have less than a C in Japanese III may be advised not to continue with Japanese IV.



Session / Days / Times	Course Length	Credit Information
Session IIIA Mon & Wed • 3:10-5:10 pm	Full year	1.0 credit per semester

[Course/Career Cluster or Academic Course of Study: World Languages](#)

SPANISH I / II

Grade: 9th, 10th, 11th, 12th

Prerequisites: Accuplacer Next-Generation: Reading score 257 or higher OR
Accuplacer Next-Generation: WritePlacer Score score 6 or higher OR DSP score

Additional requirements: Must be able to register with CNM's Dual-Credit Program.

Fees: \$5.00

Dual Credit: [Yes](#) - CNM

Spanish I: Designed for students with little exposure to Spanish, this course develops basic listening, speaking, reading, and writing skills and basic intercultural competence in interpretive, interpersonal and presentational modes of communication at the Novice Level of proficiency based on ACTFL guidelines. During this course, students perform better and stronger in the Novice Mid level while some abilities emerge in the Novice High range. This is an introductory course aimed at helping the student to communicate in Spanish in everyday familiar situations via recognition and production of practiced or memorized words, phrases, and simple sentences.

Spanish II: Designed for students with some degree of exposure to Spanish in high school and/or at home, this course continues to develop basic listening, speaking, reading, and writing skills and basic intercultural competence in interpretive, interpersonal and presentational modes of communication based at the Novice High Level of proficiency based on ACTFL guidelines, although a few abilities may emerge in the Intermediate Low Level. Students in this course communicate in Spanish in familiar topics using a variety of words, phrases, simple sentences and questions that have been highly practiced and memorized.

Additional Course Information: CNM SPAN 1110/1120. **CNM Dual Credit may be available, but is not guaranteed.**



Session / Days / Times	Course Length	Credit Information
Session IA M, Tu & Th: Monday • 8:40-10:00 am Tues & Thurs • 8:40-11:00 am	Full year (Spanish I in Fall, Spanish II in Spring)	1.33 elective credit per semester 4.0 CNM credits for qualifying students
Session II Mon thru Fri • 1:40-3:10 pm	Full year (Spanish I in Fall, Spanish II in Spring)	1.33 elective credit per semester 4.0 CNM credits for qualifying students
Session IIIB Tues & Thurs • 3:10-5:10 pm	Full year (Spanish I in Fall, Spanish II in Spring)	1.33 elective credit per semester 4.0 CNM credits for qualifying students

Course/Career Cluster or Academic Course of Study: World Languages

SPANISH III / IV

Grade: 10th, 11th, 12th

Prerequisites: Spanish III: Successful completion of Spanish 1120 (Spanish 2) or the Spanish placement test. Failure to meet a prerequisite may result in offending students' being dropped from the class at any time during the term. Spanish IV: Pass Spanish III with a C or higher.

Additional requirements: Must be able to register with CNM's Dual-Credit Program.

Fees: \$5

Dual Credit: [Yes](#) - CNM

This course is based on the integration of learning outcomes across Interpersonal, Interpretive, and Presentational Modes of Communication at the Intermediate Low Level of proficiency based on ACTFL guidelines. Students accomplish real-world communicative tasks in culturally appropriate ways as they gain familiarity with the target culture(s). This is an intermediate course aimed at helping the student to communicate in Spanish on familiar topics about self, others and everyday life at the same time that they recognize and handle short social interactions in everyday situations by asking and answering a variety of questions.

Additional Course Information: CNM SPAN 2110/2120. CNM Dual Credit may be available, but is not guaranteed.

Session / Days / Times	Course Length	Credit Information
Session IB Wed & Fri • 8:40-11:00 am + Monday asynchronous online work	Full year (Span. III in Fall, Span. IV in Spring)	1.0 elective credit per semester 3.0 CNM credits for qualifying students

Course/Career Cluster or Academic Course of Study: World Languages

DUAL ENROLLMENT CREDIT IS NOT GUARANTEED!

Students MUST meet the pre-requisites for any specific course AND complete the registration process through the dual credit institution (CNM, UNM, IAIA). All dual credit students must be registered in classes prior to the start of the term in which the classes are scheduled. CEC instructors and the CEC counselor will assist students in enrolling in the course in the first few days of class at CEC, but it is the STUDENT'S responsibility to be sure that they are registered for the dual credit course. It is also the STUDENT'S responsibility to adhere to any deadlines for dropping or adding a class through the dual credit institution.