

TABLE OF CONTENTS

Guidance Service	3
Graduation Requirements	9
Next Step Plans	12
Advanced Career and Technology Academy	13
Athletics	19
Career Technology Education	
Agriculture	22
Business	24
Education	26
Family and Consumer Science.....	27
Psychology.....	29
Work Programs	31
CTECH (Career and Technical Education Center of Hobbs)	
English and Math	32
Transportation	33
Energy.....	34
Culinary and Hospitality.....	36
Manufacturing.....	39
Information Technology	41
Digital Media	44
Construction and Architecture	45
Fine Arts.....	48
Language Arts.....	53
Mathematics	58
Miscellaneous Electives.....	64
Modern Languages.....	66
Physical Education.....	70
Science	72
Social Studies.....	77
Special Education.....	81
Ninth Grade Curriculum	86

Alternative Learning Center Courses.....94

It is the Policy of the Hobbs Municipal Schools not to discriminate on the basis of race, sex, religion, national origin, or handicap in any of its educational programs or employment practices. Inquiries regarding compliance with Title IV of Educational Amendments of 1972, IDEA (Individuals with Disabilities Act), or Section 504 of the Rehabilitation Act of 1973 may be directed to Brian Byrd, Assistant Superintendent of Personnel, at 1515 E. Sanger, Hobbs, New Mexico 88240.

The Course Description Book for Hobbs High School is as accurate as possible and reflects information available at the time of printing. Please check with the Guidance Office for updates. Some courses in this book may not be offered due to lack of enrollment. Please include alternate selections for elective courses.

A Word to Students:

This booklet has been prepared to help you be aware of the great variety of courses that are offered at Hobbs High School. Not only will it aid you in the selection of courses, but it will also set forth the requirements which must be met for graduation. Through its use, you and your parents will become acquainted with the educational opportunities available and can use this information in planning your educational program for grades 9 - 12

Read this booklet carefully! It can vitally affect your life for the next four years. It is important that you plan wisely and that you consult with people who are trained and interested in helping you make intelligent choices and decisions to enable you to be prepared when you leave high school for the next step, whether it be college, technical-vocational school, military service, or full-time work.

GUIDANCE SERVICE

The high school guidance counselors are available as a service to students and parents in helping with enrollment plans, interpreting test results, college admissions requirements, financial aid, college entrance exams, and career-vocational information.

Students are encouraged to take advantage of the many opportunities available at Hobbs High School. It is recommended that students challenge themselves to the best of their ability in order to better prepare for the competitiveness in our society.

It is the goal of Hobbs High School for every student to experience success. Students are encouraged to see a counselor to discuss personal concerns, for help in self-expression, for help in decision-making and to improve their overall self-concept. With open communication we can assist students to do their best possible work at school.

ADVANCED PLACEMENT (AP) AND PRE-AP

The Advanced Placement Program provides students the opportunity to complete college level studies while in high school. If you achieve a qualifying score on the AP examination, most colleges will grant credit and/or placement.

Colleges are looking for able and motivated students. An AP course listed on your transcript sends a message to the college that you are not only able, but have the drive to excel. This is exactly the kind of student colleges are trying to attract. In analyzing the high school record (transcript), selective universities and colleges could fill their freshman classes with students who have nearly all A's. Colleges look beyond grades and consider what courses you've taken. If you present AP and Pre-AP courses, you'll have an advantage. If you challenge yourself in high school and meet the challenge, then chances are you'll excel in college and in life as well.

Every AP student and their parent will be required to sign a contract. This contract explains student expectations, the AP exit policy, and the honor code. A copy of the AP contract is on the following page.

HONORS LEVEL COURSES

Honors level courses include Honors, Advanced Placement (AP), Pre-AP, Advanced Technical Credit, and Dual Credit Courses.

High School student statements of expectations for advanced level courses, Honors, Pre-AP, Advanced Placement, and Dual Credit classes have been created. Teachers and counselors will discuss with students these expectations and commitment required for these courses.

Timeline to Enroll in an Honors Level Course

A student may enter an advanced level course sequence at the beginning of the school year for 1 credit classes, and any semester for .5 credit classes, based on his/her interest and identified potential.

All students taking Honors, Advanced Placement, Pre-AP, and Dual Credit courses must be enrolled in the course no later than 10 days from the first day of classes or within 10 days of the students enrolling in the school.

Credentials for Teachers Who Teach Honors Level Courses

Teachers who teach Honors, AP, Pre-AP, or Dual Credit courses should have specialized training. Prior to providing instruction in an Honors, Advanced Placement, Pre-AP, or Dual Credit core academic class, the teacher must complete the required training.

In order to ensure quality instruction and college level content, College Board requires each teacher of an AP course to submit a syllabus for approval through the AP Course Audit. Only those teachers with an approved syllabus may use the trademarked course designation of "AP".

Exit Procedures for Honors Level Course

Prior to the end of the first nine weeks of the course, a student-teacher-parent conference must be held for students failing to maintain a passing grade of 70. Options to be discussed at the conference include:

Developing a plan for the improvement of the student's performance that includes alternative instructional strategies, tutorials, and specific target dates for progress reports to student and parent; or

Exiting the student from the course and placing the student in another appropriate course.

Any recommendations to move students from Honors, Pre-AP, AP, or Dual Credit courses after the first nine weeks of instruction are to be made only after a conference that includes student, teacher, parent, and counselor, testing coordinator or principal. Final approval for any advanced level course withdrawal must be acquired from the principal. If the decision is made to remove the student, an Exit form must be completed and signed by all parties.

Honors, Advanced Placement (AP), Pre-AP, and Dual Credit courses are described within specific course descriptions along with requirements for admittance. The Early College Principal is to be consulted regarding any dual credit course being dropped.

CLASSIFICATION OF STUDENTS

Students in grades 9-12 will progress on the basis of credits earned. In order to maintain normal progress, the following **minimum** credits are required at the beginning of each grade level.

STUDENT CLASSIFICATION/CREDITS EARNED

Students with fewer than 19 credits at the beginning of their 12th grade year will not be classified as seniors.

Grade	Credits Required
9 (Freshman)	Promoted from Eighth Grade
10 (Sophomore)	5
11 (Junior)	12
12 (Senior)	19

The courses described in this book are included in the master schedule on the basis of enrollment requests. The general policy followed is that a course must be requested by 20 or more students in order for it to be included in the master schedule. **Because the master schedule is determined by student course requests**, schedule changes will be carefully scrutinized by the principals. Students are urged to make wise choices in course selections in order to minimize schedule changes.

**HOBBS MUNICIPAL SCHOOL DISTRICT
ADVANCED PLACEMENT PROGRAM
EXPECTATIONS AND COURSE AGREEMENT**

COURSE TITLE: _____

STUDENT: _____

Advanced Placement is a challenging multi-disciplined program requiring intensive study. AP courses are representative of entry level college courses. Students earning a qualifying score on the AP exam may receive college credit. Success requires student commitment to the expectations of the Advanced Placement program.

If a student withdraws from an AP course after November 1, they will incur a \$40.00 test cancellation fee.

If a student has signed up for an AP exam and fails to show for that exam, they will incur a \$40.00 cancellation/ unused exam fee.

EXIT POLICY: Prior to a schedule change, the following steps must be completed:

- Student/Parent and teacher will have a conference.
- Following the student/teacher/parent conference, the student must meet with Yvonne Carpenter, the AP Advisor, to determine the availability of an alternate class and signature. Mrs. Carpenter is in the Counseling Office at HHS.
- The student must take the form to the counseling office for a schedule change.

Success requires support from all participants: students, parents, administrators, teachers, and counselors.

STUDENT: I agree to organize my time and effort to successfully complete the above-named AP course. I have read the course description and agree to the requirements of the class.

PARENT: I agree to be familiar with the above AP course requirements and to help my son/daughter organize study time in support of class assignments. I will notify the teacher immediately of any concerns that I have relating to the AP class or my child's progress.

TEACHER: I agree to teach the above AP course at a college level as outlined by the College Board in the appropriate course description book. I will notify students and parents if assigned work and/or assessments are unsatisfactory.

STUDENT: _____

PARENT: _____

TEACHER: _____

DATE: _____

SCHEDULE CHANGES-HOBBS HIGH SCHOOL

Schedule changes may be requested beginning the first two (2) weeks of June in the Guidance Office of Hobbs High School from 8:00 a.m. to 3:00 p.m., Monday through Thursday and 8:00 a.m. to 12 p.m. on Fridays. No schedule changes will be allowed once school begins, except for AP and Pre-AP classes. A contract will be observed for AP and Pre-AP students which will explain the procedure for schedule changes once school begins. Parents do not have to be present to initiate a schedule change. Schedule changes may be accommodated as long as class loads are strictly observed. For example, by state law, English classes may have no more than 30 students per class period. All other teachers may have no more than a total of 160 students per day. If the schedule change request places the teacher over their class load requirement, then the change will be denied.

We will make every effort to help you and your student have a successful and productive year. In many instances, the schedule is the pivotal piece of the equation. It is important to note, again, that there will be no schedule changes once school begins in August. Please take this opportunity to make any schedule change the First two (2) weeks in June.

ARTICULATION

Some high school courses have been planned to coordinate with similar course work offered through NMJC and the student may receive both high school and NMJC credit, provided the student meets the outlined standards set forth in the articulation agreements. Courses falling into this category are Computer Assisted Drafting, Computer Graphics, Animation, Oracle, Welding, Health Occupations, Cosmetology, Automotive Technology, and EMT-Basic. Most of these are offered at the Advanced Career and Technology Academy (ACT Academy) on the campus of NMJC; however, other high school campuses in Lea County may also be utilized.

HONOR GRADUATES

To graduate with honors, successfully meet the criteria below:

- Must meet academic honesty requirements
- Must have 18 honors courses
- Must meet GPA levels listed below
- Must meet Proficiency Standards listed below

The following criteria will be used to determine the honor graduates. A student must earn 26 academic credits in grades 9, 10, 11, and 12. Courses receiving a grade of S or U do not fulfill the requirement of an academic class. All courses must be taken for the entire year. Half (1/2) credits for courses will not be counted.

1. Of the 26 academic credits, 18 must be from the courses listed on the following page:

A minimum of ten (10) credits must be AP and Pre-AP.

- a. Eight (8) must be from each of the academic areas - a minimum of two (2) each of English, math, science, and social studies.
- b. Two (2) additional AP and Pre-AP credits
 - At least eight (8) other credits from the courses listed.

2. Only Honors, Pre-AP, AP, and Dual Credit classes will receive bonus points for weighted averages. Bonus points are used solely for class ranking and do not affect the cumulative GPA.

3. All students must meet the Academic Proficiency Guidelines set forth in the topics of Reading, Writing, Math, Science, and Social Studies. Failure to participate in these assessments will affect a student's Honor Graduate Status.

- Students must demonstrate Primary Demonstration of Competency by passing the State mandated test for their cohort. Examples of Primary Demonstration of Competency include: SAT for English 3, SAT for Algebra 2, History EOC, New Mexico Assessment of Science Readiness (NM ASR), PSAT.
- Or, as an alternative, students may substitute the following secondary demonstrations of competency.

Math

Next-Gen ACCUPLACER Quantitative Reasoning, Algebra, and Statistics (256), Advanced Algebra (249)

ACT Mathematics (22), Pre-ACT Mathematics (19)

ACT ASPIRE Mathematics (432)

ACT WorkKeys Applied Mathematics (5) or Graphic Literacy (5)

AP Calculus AB or BC or Statistics (3)

ASVAB AFQT Composite (65)

IB Mathematics (4)

PSAT Mathematics (480)

SAT Mathematics (530)

SAT Subject Mathematics Level 1 (587) or Level 2 (647)

Reading

Next-Gen ACCUPLACER Reading (254)

ACT Reading (22), Pre-ACT Reading (20)

ACT ASPIRE Reading (428)

ACT WorkKeys Workplace Documents (5)

AP English Language & Composition (3), English Literature & Composition (3)

ASVAB AFQT Composite (65)

IB Language & Literature (4)

PSAT Evidence-based Reading & Writing (430)

SAT Evidence-based Reading & Writing (480)

SAT Subject Literature (574)

Writing

Next-Gen ACCUPLACER Writing (260)
ACT English (18)
Pre-ACT English (15)
ACT ASPIRE English (428) or Writing (428)
ACT WorkKeys Business Writing (3)
AP English Language & Composition (3), English Literature & Composition (3)
IB Language & Literature (4)
PSAT Evidence-based Reading & Writing (430)
SAT Evidence-based Reading & Writing (480)

Science

ACT Science (23), Pre-ACT Science (21)
ACT Aspire Science (432)
ACT WorkKeys Applied Technology (3)
AP Biology, Chemistry, Computer Science, Environmental Science, or Physics (3)
IB Experimental Sciences (4)
SAT Subject Chemistry (642), Ecological Biology (593), Molecular Biology (624) or Physics (632)

Social Studies

AP Art History, European History, Government & Politics (Comparative), Government & Politics (US), Human Geography, Macroeconomics, Microeconomics, Psychology, US History, or World History (3)
IB Individuals and Society (4)
SAT Subject US History (610) or World History (589)

Abbreviations:

ACT: American College Testing
AP: Advanced Placement
ASVAB AFQT: Armed Services Vocational Aptitude Battery Armed Forces Qualification Test
IB: International Baccalaureate
PSAT: Preliminary Scholastic Aptitude Test
SAT: Scholastic Aptitude Test

4. Students are responsible for tracking the classes they take and ensuring that they meet the Honors Criteria. If a student makes a schedule change it could affect a student's Honor Graduate status.
5. Any student meeting the Honor Graduate academic criteria will be eligible to be recognized on one of the following three levels:
 - Graduation with Highest Honors—Any student with a GPA of 4.0
 - Graduation with High Honors—Any student with a GPA of 3.75 to 3.999%
 - Graduation with Honors—Any student with a GPA of 3.50 to 3.749%
6. A student may challenge their honor graduate level within 24 hours of notification of their final status by submitting a request for review in writing to the high school principal.

HONOR GRADUATE WORKSHEET

The following criteria will be used to determine the honor graduates. 1. A student must earn 26 academic credits in grades 9, 10, 11, and 12. Courses receiving a grade of S or U do not fulfill the requirement of an academic class. All courses must be taken for the entire year. Half credits for courses will not be counted. Of the 26 academic credits, 18 must be from the courses listed below. 2. A student must meet the academic honesty requirements. **This list can change as new courses are added by HHS or College.*

Criteria 1

A minimum of ten (10) credits must be AP and Pre-AP. Eight (8) must be from each of the academic areas – a minimum of two (2) each of English, Math, Science, and Social Studies.

<u>English</u>	<u>Math</u>	<u>Social Studies</u>	<u>Science</u>
English 1/Pre-AP (7%)	Geometry/Pre-AP (7%)	Human Geography/AP (10%)	Physics Honors (7%)
English 2 Pre-AP (7%)	Algebra 2/Honors (7%)	U.S. History/Geo/AP (10%)	Biology 1/Pre-AP (7%)
English 3/AP (10 %)	AP Pre-Calculus (10%)	US Gov/AP & Eco AP (10%)	Biology 2/AP (10%)
English 4/AP (10 %)	Calculus/AP (10%)	European History/AP (10%)	Chemistry 1/Pre-AP (7%)
Comp 1 NMJC (7%)	Statistics/AP (10%)	World History/AP (10%)	Chemistry2/AP (10%)
Comp 2 NMJC (7%)	Calculus NMJC (7%)	US History NMJC (7%)	Physics 1/AP (10%)
English 3 Tech CT (7%)	Statistics NMJC (7%)	US Gov/Econ NMJC (7%)	Physics 2/AP (10%)
English 4 Tech CT (7%)	Comp Sci DC (7%)	European History NMJC (7%)	Honors AMG (7%)
	AP Comp Prin (10%)		Honors Anatomy (7%)
	Survey of Con Mth CT (7%)		Env. Sci. AP (10%)
	Tech Math/Con CT (7%)		Biology NMJC (7%)
			Human Anatomy NMJC (7%)
			Chemistry NMJC (7%)
			Physics 1 NMJC (7%)

Criteria 2

<u>Modern Languages</u>	<u>ITV/ College Classes</u>	<u>Fine Arts</u>
Spanish 2/Honors (7%)	Psychology/Sociology NMJC (7%)	Art Fundamentals Pre-AP (7%)
Spanish 3/Honors (7%)	Intermediate Alg/Col Alg DC (7%)	Art Materials and Theory/Honors (7%)
Spanish 4/AP (10%)	College Alg/Plane Trig DC (7%)	Studio Art 2D/AP (10%)
Italian 2/Honors (7%)	Survey of Mathematics (7%)	Studio Art 3D/AP (10%)
Italian 3/Honors (7%)	Spanish ITV DC (7%)	Studio Theatre 1 Pre-AP (7%)
Italian 4/AP (10%)		Studio Theatre 2 Pre-AP (7%)
	<u>CTECH—DC (7%)</u>	<u>Science</u>
<u>Modern Language</u>	Intro to Digital Media 1	Intro to Animal Sci/Intro to Vet Sci
Spanish 1	Digital Media 2	Intro to Horticulture/Crop Science
Spanish 2	Auto Tech 1	
Italian 1	Auto Tech 2	
Italian 2	Petroleum Tech O&G	<u>College Readiness</u>
ASL I	Petroleum Tech O&M	AVID 1 Honors (7%)
ASL II	Intro to Mech	AVID II Honors (7%)
<u>English</u>	Culinary Essentials 1	
AP Seminar (10%)	Culinary Essentials 2	<u>Psychology</u>
AP Research (10%)	Intro/Inter Baking	Abnormal/Social Psychology
	Baking Lab	AP Psychology (10%)
<u>Computer Tech</u>	Intro to Welding	
MSO Word/Excel, PowerPoint	Shielded Metal Arc	
Accounting 1	Intro to Fundamental	
Accounting 2	Intro to A+	
Web Page Design 1, 2	Intro to Network	
Comm For Educators	Intro to Security+	
Structured Observation		
Human Growth and Development		

GRADUATION REQUIREMENTS FOR CLASS OF 2026-2027

Students are required to earn 26 credits and pass all portions of required examinations as required by the State of New Mexico to be eligible to receive a diploma from Hobbs High School. Students who earn 26 credits but do not pass all sections of the required examinations are eligible to receive a Certificate of Completion. Hobbs High School students who are under current graduation requirements will be required to follow their plan as stated below.

MAXIMUM CREDITS GRANTED PER YEAR

Students may receive no more than 13 credits during any one calendar year, regardless of the source of those credits. Exceptions to this policy may be made on an individual basis by petitioning the school principal and with the subsequent approval from the Assistant Superintendent for Instruction. In no case will more than 21 credits be granted in any two-calendar year period.

ACADEMIC REQUIREMENTS

	Units		Units
English	4	World History & Geography	1
Math	4 (one unit = or > alg. 2)	U.S. History & Geography	1
Science	3 (2 yrs. Must be lab sci.)	U.S. Government & Economics	1
New Mexico History	.5	Career Cluster, Work Place Readiness or	1
Electives	9	Language other than English	
Physical Education	1	Health	.5

Students shall earn at least one credit as an advanced placement, honors, dual credit, or distance learning course.

1. The class of 2014 and beyond must meet proficiency in five areas: Mathematics, reading, science, writing, and social studies by passing the SBA, PARCC, and/or End-of-Course exams (EOC) in subjects for which the SBA/PARCC is not offered. Statute requires demonstration of competency, but also that students who are unable to demonstrate competency have the opportunity to demonstrate competency through an Alternative demonstration. See the state approved End-of-Course Assessments at the following link: <http://ped.state.nm.us/AssessmentAccountability/AssessmentEvaluation/EOC/index.html>.
2. If a student exits from the school system at the end of the 12th grade without having satisfied the requirements of this subsection, the student shall receive an appropriate state certificate, non-diploma.

INTERVENTION PLAN

Students who demonstrate a need for remediation in reading and/or mathematics as determined by a measure of proficiency will be removed from an elective course and placed in an intensive intervention program for elective credit.

CREDIT RECOVERY

Students who fail English 1, English 2, English 3, English 4, Science Classes, World History, U.S. History, or Government must make up the failed course in credit recovery, alternative school, or extended day.

CORRESPONDENCE COURSES

Students may take correspondence courses to recover credits. All courses must be approved by the principal or counselor prior to enrolling in the course. Credit will not be accepted for any course taken without prior approval. Hobbs High School will accept a maximum of 2.0 credits for correspondence coursework taken during the senior year.

COLLEGE COURSES

College courses may be accepted for high school credit upon prior principal approval on an individual basis. Credit will not be accepted for any course taken without prior approval.

CONCURRENT ENROLLMENT

Concurrent enrollment is an option available to students who are academically prepared to enroll in college and are interested in taking on additional coursework. For example, students who want to study classes not offered in high school may seek supplemental education at nearby colleges.

ONLINE COURSES

Registration for all online courses must be approved by school officials. Credit recovery courses will be monitored by school personnel in a computer lab. All online courses taken in these settings will be eligible for the same privileges as other Hobbs High School courses. AP online courses taken outside of a school setting will not be eligible for bonus points but will count toward the AP incentive program requirements. Students will be required to take the AP exams for any AP online courses taken.

ALTERNATE CREDIT

Hobbs High School offers the following courses that can be used as elective or as required academic credits.

Course Name	Primary Credit	Alternative Credit
Horticulture	Elective	Science
Veterinary Science	Elective	Science
Food Products and Food Processing*	Elective	Science
Agriculture and Natural Resources*	Elective	Science

*HOLA Only

GRADUATION REQUIREMENTS FOR CLASS OF 2028 AND AFTER

Students are required to earn 26 credits and pass all portions of required examinations as required by the State of New Mexico to be eligible to receive a diploma from Hobbs High School. Students who earn 26 credits but do not pass all sections of the required examinations are eligible to receive a Certificate of Completion. Hobbs High School students who are under current graduation requirements will be required to follow their plan as stated below.

MAXIMUM CREDITS GRANTED PER YEAR

Students may receive no more than 13 credits during any one calendar year, regardless of the source of those credits. Exceptions to this policy may be made on an individual basis by petitioning the school principal and with the subsequent approval from the Assistant Superintendent for Instruction. In no case will more than 21 credits be granted in any two-calendar year period.

ACADEMIC REQUIREMENTS

	Units		Units
English	4	World History & Geography	1
Math	4 (one unit = or > alg. 2)	U.S. History & Geography	1
Science	3 (2 yrs. Must be lab sci.)	U.S. Government & Economics	1
History	1	Career Cluster, Work Place Readiness or	1
Electives	9	Language other than English	
Physical Education	1	Health	.5

Students shall earn at least one credit as an advanced placement, honors, dual credit, or distance learning course.

1. The class of 2014 and beyond must meet proficiency in five areas: Mathematics, reading, science, writing, and social studies by passing the SBA, PARCC, and/or End-of-Course exams (EOC) in subjects for which the SBA/PARCC is not offered. Statute requires demonstration of competency, but also that students who are unable to demonstrate competency have the opportunity to demonstrate competency through an Alternative demonstration
2. If a student exits from the school system at the end of the 12th grade without having satisfied the requirements of this subsection, the student shall receive an appropriate state certificate, non-diploma.

INTERVENTION PLAN

Students who demonstrate a need for remediation in reading and/or mathematics as determined by a measure of proficiency will be removed from an elective course and placed in an intensive intervention program for elective credit.

CREDIT RECOVERY

Students who fail English 1, English 2, English 3, English 4, Science Classes, World History, U.S. History, or Government must make up the failed course in credit recovery, alternative school, or extended day.

CORRESPONDENCE COURSES

Students may take correspondence courses to recover credits. All courses must be approved by the principal or counselor prior to enrolling in the course. Credit will not be accepted for any course taken without prior approval. Hobbs High School will accept a maximum of 2.0 credits for correspondence coursework taken during the senior year.

COLLEGE COURSES

College courses may be accepted for high school credit upon prior principal approval on an individual basis. Credit will not be accepted for any course taken without prior approval.

CONCURRENT ENROLLMENT

Concurrent enrollment is an option available to students who are academically prepared to enroll in college and are interested in taking on additional coursework. For example, students who want to study classes not offered in high school may seek supplemental education at nearby colleges.

ONLINE COURSES

Registration for all online courses must be approved by school officials. Credit recovery courses will be monitored by school personnel in a computer lab. All online courses taken in these settings will be eligible for the same privileges as other Hobbs High School courses. AP online courses taken outside of a school setting will not be eligible for bonus points but will count toward the AP incentive program requirements. Students will be required to take the AP exams for any AP online courses taken.

ALTERNATE CREDIT

Hobbs High School offers the following courses that can be used as elective or as required academic credits.

Course Name	Primary Credit	Alternative Credit
Horticulture	Elective	Science
Veterinary Science	Elective	Science
Food Products and Food Processing*	Elective	Science
Agriculture and Natural Resources*	Elective	Science

*HOLA Only

TRANSFER CREDIT POLICIES

A. Policies regarding all transfer students

- The counselor evaluates all requests for transfer credit.
- Transfer credit is only awarded for high-school level courses.
- No more than 1.0 credit will be recorded on the student transcript for each course, even if the course is taken in different schools.
- Transfer credits are accepted for all courses on transcripts from public high schools.
- Students pursuing a diploma from Hobbs High are required to complete at least 2 credits at Hobbs High School, regardless of how many credits are transferred.

B. Policies regarding students with course credit from public high schools and other accredited sources

Hobbs High School recognizes accreditation from:

- CITA – Commission on International and Trans-Regional Accreditation
 - AdvancED - formerly North Central Association
 - SACS – Southern Association of Colleges and Schools
 - WASC – Western Association of Schools and Colleges
 - NEASC – New England Association of Schools and Colleges
 - MSA – Middle States Association
 - NCPA- National Council of Private School Accreditation
 - IB – International Baccalaureate
 - GAC – Georgia Accrediting Commission
-
- Transfer credits are accepted for all courses on transcripts from public high schools or high schools accredited by one of the above-listed organizations.
 - Credits are transferred with the numeric grade awarded by the previous high school.
 - Transferred credits will count toward the total number of credits required by Hobbs High School, but may not fulfill specific course requirements for graduation.

C. Policies regarding students with course credit from non-accredited homeschool program not affiliated with a homeschool association

- Credits may be transferred when validated. However, the following additional limitations apply to non-affiliated homeschool credits:
 - Transfer credit may be awarded in English courses if the student earns a passing grade in the next sequential English course from Hobbs High School.
 - Transfer credit may be awarded in mathematics courses if the student earns a passing grade in the next sequential mathematics course from Hobbs High School.
 - Transfer credit may be awarded in Science, Social Studies and other disciplines upon taking and passing an End of Course Assessment or SBA in the subject.
- Transfer credits are recorded with a grade of “Pass;” no letter grade will be recorded.

DUAL CREDIT COURSES

Enrollment in dual credit courses is contingent on meeting college entrance requirements such as enrollment documents and placement tests. Please see the table below for placement test scores. The dual credit courses below are available depending upon staffing.

Intermediate Algebra (NMJC)*	Math	3 hrs. college credit
College Algebra (NMJC)*	Math	3 hrs. college credit
Plane Trigonometry (NMJC)*	Math	3 hrs. college credit
Survey of Mathematics	Math	3 hrs. college credit
Introduction to Psychology (NMJC)*	Elective	3 hrs. college credit
Introduction to Sociology (NMJC)*	Elective	3 hrs. college credit
Intro to Ag Mechanics (ENMU)**	Elective	3 hrs. college credit
Agricultural Mechanics Metal Fabrication (ENMU)**	Elective	3 hrs. college credit
Introduction to Horticulture (ENMU)*	Elective	3 hrs. college credit
Crop Science (ENMU)*	Elective	3 hrs. college credit
Culinary Essentials I (ENMU)*	Elective	4 hrs. college credit
Culinary Essentials II (ENMU)*	Elective	4 hrs. college credit
Intro to Animal Science (NMJC)*	Elective	4 hrs. college credit
Intro to Dairy Science (ENMU)*	Elective	3 hrs. college credit
Intro to Plant Science (ENMU)*	Elective	3 hrs. college credit
Introduction to Baking and Pastry (ENMU)*	Elective	3 hrs. college credit
Intermediate Baking and Pastry (ENMU)*	Elective	3 hrs. college credit
ServSafe (ENMU)*	Elective	2 hrs. college credit
Communication for Educators*	Elective	3 hrs. college credit
Structured Observation of Teaching and Learning and Lab*	Elective	3 hrs. college credit
Dual Credit Composition I*	English	3 hrs. college credit
Dual Credit Composition II*	English	3 hrs. college credit
Dual Credit Micro Economics*	Economics	3 hrs. college credit
Dual Credit Calculus I*	Math	4 hrs. college credit
Dual Credit Calculus II*	Math	4 hrs. college credit
Dual Credit United States Government and Politics*	US Government	3 hrs. college credit
Dual Credit United States History*	US History	6 hrs. college credit
Dual Credit Biology 1*	Science	4 hrs. college credit
Dual Credit Biology 2*	Science	4 hrs. college credit
Dual Credit Chemistry 1*	Science	4 hrs. college credit
Dual Credit Chemistry 2*	Science	4 hrs. college credit
Dual Credit Physics 1*	Science	4 hrs. college credit
Dual Credit Physics 2*	Science	4 hrs. college credit
Dual Credit Psychology*	Elective	3 hrs. college credit
Dual Credit Sociology*	Elective	3 hrs. college credit
Dual Credit Human Growth and Development	Elective	3 hrs. college credit

All Hobbs High School Dual Credit courses with New Mexico Junior College are given Dual Credit classification based on the instructor's qualifications and curriculum alignment to the New Mexico Junior College standards. Dual Credit classification is not given because of course title or Advanced Placement status.

*This is a one semester course. Dual credit is offered the semester this course is taken.

**This is a yearlong course. Dual credit is offered during the second semester of this course.

***This is a yearlong course. Dual credit is offered during both semesters of this course.

NMJC Next Gen. ACCUPLACER Scores

Test Level	Score	GPA (current)	Course Placement	Name of Course
Arithmetic	287-300	3.0	MA 113A or MA 103	Intermediate Algebra or Survey of Mathematics
Quantitative Reasoning, Algebra, & Statistics	245-249	3.0	MA 113A or MA 103	Intermediate Algebra or Survey of Mathematics
	267-275	3.0	MA 113, 113B, 113D, 113E	College Algebra, Statistics, Math Analysis 1, or Math for Elementary Teachers 1
Advanced Algebra and Functions	210-215	3.0	MA 113A or MA 103	Intermediate Algebra or Survey of Mathematics
	232-240	3.0	MA 113, 113B, 113D, 113E	College Algebra, Statistics, Math Analysis 1, or Math for Elementary Teachers 1
	281-300	3.0		Trig/Calculus – per instructor consultation
Writing	258-262	2.5	EN113	Composition and Rhetoric
Reading	250-262	2.5	N/A	Student shows developing skills to be successful in college level courses.
	263	2.5	N/A	College Level Reading

***While NMJC is not requiring dual credit or HDCA students to meet a cut score for Reading, it is recommended that students take the Next Gen Reading ACCUPLACER Placement Test to insure college readiness. The recommended reading score for HDCA placement is a minimum of 250.**

EXTENDED DAY/CREDIT RECOVERY

Students who are behind in credits or are lacking required courses will be placed in extended day/credit recovery classes. The following courses are offered in extended day/credit recovery.

English Courses	Math Courses	Science Courses	Social Studies Courses	Health
English 1	Intro to Algebra	Earth Science	World History	Skills for Health
English 2	Algebra 1	Physical Science	United States History	
English 3	Geometry	Biology 1	United States Government	
English 4	Algebra 2	Physics	Economics	
		Chemistry		

NEXT STEP PLANS

Students will complete a plan for graduation in the 8th grade year prior to enrolling in high school courses. The Next Step Plan is a cooperative effort by students, parents, and school officials to carefully consider the student's career goals and interests. This plan will outline all high school coursework needed by students to successfully prepare for future learning and working experiences. Parent signatures are required on the initial Next Step Plan before a student may be enrolled in high school courses. The plans will be monitored, updated, and signed by a parent each year. The final Next Step Plan will be completed at the end of the senior year and will include the student's actual plans for college attendance, vocational training, military enlistment, and/or work. The Next Step Plan for Special Education students is included in each individual's transition plan that is part of their Individualized Education Plan (IEP).

The U.S. Department of Education has identified 16 Career Clusters, which define specific types of career opportunities.

Career Pathways

- | | |
|--|---|
| 1. Agriculture, Food, and Natural Resources | 9. Government and Public Administration |
| 2. Business Management and Administration | 10. Education/Training |
| 3. Information Technologies | 11. Law and Public Safety |
| 4. Arts, AV Technology, and Communications | 12. Marketing, Sales, and Service |
| 5. Transportation, Distribution, and Logistics | 13. Human Services |
| 6. Manufacturing | 14. Health Services |
| 7. Finance | 15. Science, Technology, Engineering, and Mathematics |
| 8. Hospitality and Tourism | 16. Architecture and Construction |

New Mexico has compressed the sixteen into seven priorities based on economic development and job projects. The seven include:

- | | | |
|--|---|----------------------------|
| 1. Arts and Entertainment | 4. Energy and Environmental Technology | 7. Hospitality and Tourism |
| 2. Business Services | 5. Engineering, Construction, and Manufacturing | |
| 3. Communication and Information Systems | 6. Health and Biosciences | |

ADVANCED CAREER AND TECHNOLOGY ACADEMY

NEW MEXICO JUNIOR COLLEGE - CAREERS & TECHNOLOGY DIVISION

Through the cooperative efforts of New Mexico Junior College (an approved Advanced Career and Technology Academy) and Hobbs High School, we are able to offer the following courses at the N.M.J.C. campus unless otherwise noted. These courses are taught at the college level for high school students who receive high school credit along with college credit. To receive college credit, the student must maintain a 70% in the class and may not have more than 10 non-school related absences. Students taking any of these courses should consider it a privilege as well as an additional opportunity. Students not attending the high school classes regularly may be pulled from the ACTA program. A bus will be furnished to provide transportation to and from New Mexico Junior College.

Students must have passed their sophomore English with a C or better and must carry at least a 2.0

WELDING TECHNOLOGY—Four—One Semester Courses

COURSE TITLE: WELDING 1 (FALL SEMESTER) FOR THE DUAL CREDIT REQUIREMENTS STUDENTS WILL BE ENROLLED IN WE 114 AND WE 123S

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 11 or 12
CREDITS: 1.5
LIMIT: 12 students in the morning and 7 in the afternoon

Students in this class will be instructed on the proper use for the most commonly used welding equipment, and they will complete welding exercises in gas welding, brazing, soldering, flame cutting, arc welding and pipe welding. Students will also get an opportunity to work on personal or shop welding projects, where they will often design and construct items for themselves or for the College.

COURSE TITLE: WELDING 2 (SPRING SEMESTER) FOR THE DUAL CREDIT REQUIREMENTS STUDENTS WILL BE ENROLLED IN WE 124 AND WE 223P

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Welding 1
GRADE LEVELS: 11 or 12
CREDITS: 1.5
LIMIT: 12 students in the morning and 7 in the afternoon

This course is designed as a continuation of Welding 1.

COURSE TITLE: WELDING 3 (FALL SEMESTER) FOR THE DUAL CREDIT REQUIREMENTS STUDENTS WILL BE ENROLLED IN WE 224A AND WE 113M

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Welding 1, Welding 2
GRADE LEVELS: 11 or 12
CREDITS: 1.5
LIMIT: 12 students in the morning and 7 in the afternoon

This course is designed as a continuation of Welding 2.

COURSE TITLE: WELDING 4 (SPRING SEMESTER) FOR THE DUAL CREDIT REQUIREMENTS STUDENTS WILL BE ENROLLED IN WE 224 AND WE 113D

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Welding 1, Welding 2, Welding 3, Welding 4
GRADE LEVELS: 11 or 12
CREDITS: 1.5
LIMIT: 12 students in the morning and 7 in the afternoon

This course is designed as a continuation of Welding 3.

COSMETOLOGY—Four—One Semester Courses

The Advanced Career and Technology Academy (ACTA) cosmetology program enables students who are interested in the study and application of beauty treatments and esthetics to begin their course of study toward an associate of applied science in cosmetology and/or a cosmetology certificate.

This two-year ACTA program affords students the opportunity to earn college credit for Cosmetology Theory I; Hair Cutting I; Manicuring and Pedicuring; Shampoo, Rinses; and Scalp Treatments; Sterilization and Sanitation; and College Success. This program is designed to enable successful students to transfer directly to the Cosmetology degree program at NMJC.

Students must have passed their sophomore English with a C or better and must carry at least a 2.0

COURSE TITLE: COSMETOLOGY 1 (FALL SEMESTER) FOR THE DUAL CREDIT REQUIREMENTS STUDENTS WILL BE ENROLLED IN COSM 111, COSM132, COSM 142, AND HC 192

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Must have 11 high school credits and must be 16 years old or older
GRADE LEVELS: 11 or 12
CREDITS: 1.5
LIMIT: 35 students in the morning/afternoon courses available upon special permission through HHS Counseling and ACTA

Students must maintain an 80% or better and must **not** have more than 10 absences to be allowed to return for the spring semester and receive college credit.

COURSE TITLE: COSMETOLOGY 2 (SPRING SEMESTER) FOR THE DUAL CREDIT REQUIREMENTS STUDENTS WILL BE ENROLLED IN COSM 115

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Cosmetology 1
GRADE LEVELS: 11 or 12
CREDITS: 1.5
LIMIT: Students from previous semester will be the only students accepted into this class.

Students must maintain an 80% or better and must **not** have more than 10 absences to be allowed to receive college credit.

COURSE TITLE: COSMETOLOGY 3 (FALL SEMESTER) FOR THE DUAL CREDIT REQUIREMENTS STUDENTS WILL BE ENROLLED IN COSM 121 AND COSM 225

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Cosmetology 1 and 2
GRADE LEVELS: 12
CREDITS: 1.5
LIMIT: Students successfully completing year one and maintaining 90% of the lab hours

Students must maintain an 80% or better and must not have more than 10 absences to be allowed to return for the spring semester and receive college credit.

COURSE TITLE: COSMETOLOGY 4 (SPRING SEMESTER) FOR THE DUAL CREDIT REQUIREMENTS STUDENTS WILL BE ENROLLED IN COSM 124, COSM 112, AND BU 122

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Cosmetology 1, 2, and 3
GRADE LEVELS: 12
CREDITS: 1.5
LIMIT: Students successfully completing Cosmetology 3 with a sufficient amount of hours logged

Students must maintain an 80% or better and must not have more than 10 absences to be allowed to receive college credit.

NURSE AIDE I AND II

Nurse Aide I and II College level classes geared to prepare the student for the beginning of their nursing career.

Students must have passed their sophomore English with a C or better and must carry at least a 2.5.

COURSE TITLE:	NURSE AIDE I
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Background checks will be done on all students (must have a valid government ID)
GRADE LEVELS:	11 or 12 (seniors preferred)
CREDITS:	1.5
LIMIT:	16 students in the morning and 10 in the afternoon

This course is designed to provide basic job entry level skills and knowledge as a Nursing Assistant. The students are prepared to perform basic nursing skills through classroom instruction and a practical experience at the local hospital and nursing homes. A background check will be required of all students entering into this program. This class is also a prerequisite for entering into the NMJC Nursing program. Students successfully completing this course will be eligible to take the CNA licensure exam as long as they are 18 years of age at the completion of the course. Students must maintain a 70% or better and must not have more than 10 absences to be allowed to return for the spring semester and receive college credit. During the spring semester students must still maintain a 70% or better and have no more than 10 absences to receive college credit.

COURSE TITLE:	NURSE AIDE II
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Background checks will be done on all students (must have a valid government ID)
GRADE LEVELS:	11 or 12 (seniors preferred)
CREDITS:	1.5
LIMIT:	16 students in the morning and 10 in the afternoon

This course is designed to provide basic job entry level skills and knowledge as a Nursing Assistant. The students are prepared to perform basic nursing skills through classroom instruction and a practical experience at the local hospital and nursing homes. A background check will be required of all students entering into this program. This class is also a prerequisite for entering into the NMJC Nursing program. Students successfully completing this course will be eligible to take the CNA licensure exam as long as they are 18 years of age at the completion of the course. Students must maintain a 70% or better and must not have more than 10 absences to be allowed to return for the spring semester and receive college credit. During the spring semester students must still maintain a 70% or better and have no more than 10 absences to receive college credit.

NMJC ACT Academy has strict policies, (behavior, attendance, safety, etc.) and it is expected that the students follow these policies, at any time that the policies are not being followed NMJC/ACTA will use the right to return the student back to the high school without credit to find other classes. All policies will be addressed during orientation.

CRIMINAL JUSTICE AND THE COURT SYSTEM—Four—One Semester Courses

This class will flow so you may start at any time. There are no prerequisites for any class. You may start with Criminal Justice 3 if you wish—you may only come in during the spring semester with special permission.

COURSE TITLE: **CRIMINAL JUSTICE 1 FOR THE DUAL CREDIT REQUIREMENTS STUDENTS WILL BE ENROLLED IN NMJC COURSE CJ113**

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 11 or 12
CREDITS: 1.5
LIMIT: 15

This course will explain the history of the courts, as well as the organization, structure, and jurisdiction of the judicial system. This course will explain the development and philosophy of criminal justice in a democratic society and an introduction to agencies involved in the administration of criminal justice. Discussion will include the goals of the police, history of the criminal justice system, how the system functions within the context of government to protect individual rights as well as constitutionally imposed restrictions on the system.

COURSE TITLE: **CRIMINAL JUSTICE 2 FOR THE DUAL CREDIT REQUIREMENTS STUDENTS WILL BE ENROLLED IN NMJC COURSES CJ113B AND CJ113F**

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Criminal Justice 1 or permission from counselors and ACTA
GRADE LEVELS: 11 or 12
CREDITS: 1.5
LIMIT: 15

The purpose of this course is to introduce students to the Juvenile Justice system and its' components in addition to explain the history of criminal law, the principles of criminal procedure, and the essential components of constitutional, statutory, and common law. This course will explain the organization, functions, and jurisdiction of juvenile agencies. The course will provide a basic understanding of the criminal justice system for both adults and juveniles.

COURSE TITLE: **CRIMINAL JUSTICE 3 FOR THE DUAL CREDIT REQUIREMENTS STUDENTS WILL BE ENROLLED IN NMJC COURSES CJ113P AND CJ113J**

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Criminal Justice 1 or permission from counselors and ACTA
GRADE LEVELS: 11 or 12
CREDITS: 1.5
LIMIT: 15

This course is an introduction in the study of law enforcement and policing in America. It will explore diversity and critically evaluate the direction and trends in modern police agencies. The student will become familiar with the names, phrases, and concepts that are routinely used by those in the study of crime and the workings of the criminal justice system. This introductory course is also designed to acquaint individuals with the role of corrections in America. It is an examination of the broad spectrum of systems, processes, and people that constitute the field of corrections. Whenever possible, practical orientation to the field of corrections will be explored.

COURSE TITLE: **CRIMINAL JUSTICE 4 FOR THE DUAL CREDIT REQUIREMENTS STUDENTS WILL BE ENROLLED IN NMJC COURSES CJ213F AND CJ213B**

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Criminal Justice 1 or permission from counselors and ACTA
GRADE LEVELS: 11 or 12
CREDITS: 1.5
LIMIT: 15

This course is a study of physical evidence found at crime scenes, updated techniques for proper collection and preservation of crime scene evidence, and various forms of forensic analysis. Also covered is substantive criminal law, general rules, principles, and doctrines of criminal liability in the United States; and classifications of crimes against persons, property, and the public welfare.

INSTRUMENTATION AND CONTROLS

COURSE TITLE: INSTRUMENTATION AND CONTROLS 1

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 11 or 12
CREDITS: 1.5

This course will cover electrical laws and principles, how they were derived, and how they govern electrical circuits. Topics will include electrical series, parallel and mixed DC circuits with resistors, capacitors, and relays. This course will also cover the fundamentals of electric motors as they interact with force, mass, friction, work, velocity, and torque. Topics will include how, when, and where to use different types of lubrication; identification, use, and operation of types of bearings; and bearing installation and removal procedures.

COURSE TITLE: INSTRUMENTATION AND CONTROLS 2

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instrumentation and Controls 1
GRADE LEVELS: 11 or 12
CREDITS: 1.5

This course will cover basic principles of electric systems and motor controls by being able to identify and demonstrate the utility of different types of motor controls and current protection devices, as well as understanding lockout/tagout procedures. This course will also cover AC circuits and the control components in the AC circuits. Topics will include different types of industrial conduits and enclosures, and how to install them from the weather head to the main distribution panel.

COURSE TITLE: INSTRUMENTATION AND CONTROLS 3

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instrumentation and Controls 2
GRADE LEVELS: 12
CREDITS: 1.5

This course will cover how to wire the motor control circuit and door simulator by using a miniature industrial garage door. Topics will include how to install the door correctly, read electrical drawings, install enclosures and boxes, install conduits and conductors, install safety handles, limit switches, and over load resets. This course will also cover the concepts of hydraulics, by applying force to a confined liquid, creating pressure, and the concept of pneumatics (compressed air). Topics will include the differences (and similarities) between hydraulic, pneumatic, and electrical systems.

COURSE TITLE: INSTRUMENTATION AND CONTROLS 4

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instrumentation and Controls 3
GRADE LEVELS: 12
CREDITS: 1.5

This course will cover how electric motors transfer their power to other equipment through belts and chains. Topics will include how to size, install, and tension many different types of belts and chains, and their use in industry. The course will also cover how electric motors transfer their power to other equipment through gears and gear systems. Topics will also include alignments and couplings needed to have the motors and industrial systems mated.

ANIMAL SCIENCE

Students must have and maintain at least a 2.5 GPA.

COURSE TITLE: ANIMAL SCIENCE 1

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: 2.5 GPA
GRADE LEVELS: 11 or 12
CREDITS: 1.5

This course includes Intro to Animal Science and Equine Science. The intro to animal science portion of the class covers an introduction to the livestock industry and provides a survey of modern animal science. It will include application of physiology, meat science, genetics, endocrinology, and nutrition as well as breeding selection, feeding, and management of farm animals. Areas covered include sheep, swine, cattle, and horses. The equine science section is designed to introduce students to the history, breeds, anatomy, selection, genetics, reproduction, nutrition, and management of the horse.

COURSE TITLE: ANIMAL SCIENCE 2

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Agriculture 1
GRADE LEVELS: 11 or 12
CREDITS: 1.5

This course includes rangeland management and livestock production. Rangeland management is designed to acquaint the student with the proper procedures of selection, establishment, forage system development, and maintenance of improved native and introduced species of forages. Proper grazing systems are also included. Livestock production is designed for the farm and ranch management program to understand all aspects of livestock production. This course will discuss management breeds, parasites, diseases, marketing and production of programs for livestock species such as sheep, goats, beef cattle and dairy cattle.

COURSE TITLE: ANIMAL SCIENCE 3

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Agriculture 2
GRADE LEVELS: 12
CREDITS: 1.5

This course includes ag mechanics, careers in ag, and international agriculture. Ag mechanics teaches basic skills related to the mechanical activities involved with agricultural production and industry. Students will develop hands on skills in the areas of windmills, solar pumps and electric fencing, plumbing wells, and center pivots, small gas engines, and basic welding. Emphasis will be placed on safety and proper use of tools and equipment. Career in agriculture is an introduction to scientific disciplines and career options in animal science and agriculture industry. Focus will be on the skill development including resume preparation, networking, importance of internships, and leadership, and leadership experiences in animal agriculture. International agriculture is designed for students in the farm and ranch management degree. The goal of this course is to introduce students to international agriculture, agricultural issues and development of other countries, and the challenges within the global food, and agriculture and natural resource systems.

COURSE TITLE: ANIMAL SCIENCE 4

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Agriculture 3
GRADE LEVELS: 12
CREDITS: 1.5

This course includes agribusiness management and animal metabolism and nutrition. Agribusiness management covers many of the areas of expertise that today's managers must master including finance, marketing, operations, forms of business ownership, organizational management, and human resources. This course pays special attention to the distinct challenges faced by managers in the food and agribusiness system. Animal metabolism and nutrition will explore the mechanisms of animal metabolism and nutrition as they relate to production, maintenance, performance, and health of animals.

ATHLETICS

COURSE TITLE: FOOTBALL 1

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor approval
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This is a class for boys participating in football and *will fulfill the Physical Education graduation requirement if taken prior to grade 12.*

1. Football skills such as blocking, tackling, throwing, kicking, punting, running, and catching.
2. Football knowledge--basic offenses and defenses will be taught along with special situations.
3. Improved physical football skills such as quickness, endurance, strength, running, and agility.

COURSE TITLE: FOOTBALL 2

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor approval
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

This is a class for boys participating in football.

1. Football skills such as blocking, tackling, throwing, kicking, punting, running, and catching.
2. Football knowledge--basic offenses and defenses will be taught along with special situations.
3. Improved physical football skills such as quickness, endurance, strength, running, and agility.

COURSE TITLE: FOOTBALL 3

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor approval
GRADE LEVELS: 12
CREDITS: .5 per semester

This is a class for boys participating in football.

1. Football skills such as blocking, tackling, throwing, kicking, punting, running, and catching.
2. Football knowledge--basic offenses and defenses will be taught along with special situations.
3. Improved physical football skills such as quickness, endurance, strength, running, and agility.

COURSE TITLE: BASKETBALL 1

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor approval
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This is a class for boys and girls participating in basketball and will fulfill the Physical Education graduation requirement if taken prior to grade 12.

1. Basketball skills such as passing, dribbling, shooting, and free throws.
2. Basketball knowledge--basic offenses and defenses will be taught along with special situations.
3. Physical skills for basketball such as quickness, running, jumping, and agility.

COURSE TITLE: BASKETBALL 2

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor approval
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

This is a class for boys and girls participating in basketball.

1. Basketball skills such as passing, dribbling, shooting, and free throws.
2. Basketball knowledge--basic offenses and defenses will be taught along with special situations.
3. Physical skills for basketball such as quickness, running, jumping, and agility.

COURSE TITLE: BASKETBALL 3

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor approval
GRADE LEVELS: 12
CREDITS: .5 per semester

This is a class for boys and girls participating in basketball.

1. Basketball skills such as passing, dribbling, shooting, and free throws.
2. Basketball knowledge--basic offenses and defenses will be taught along with special situations.
3. Physical skills for basketball such as quickness, running, jumping, and agility.

COURSE TITLE: VOLLEYBALL 1
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor approval
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This is a class for girls participating in volleyball. It will fulfill the Physical Education graduation requirement if taken prior to grade 12. It will seek to improve and maintain the following:

1. Volleyball fundamental skills, passing, setting, spiking, and digging.
2. Volleyball knowledge—learn offensive and defensive volleyball schemes.
3. Improved physical volleyball skills such as quickness, endurance, strength, and explosiveness in jumping.

COURSE TITLE: VOLLEYBALL 2
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor approval
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

This is a class for girls participating in volleyball. It will seek to improve and maintain the following:

1. Volleyball fundamental skills, passing, setting, spiking, and digging.
2. Volleyball knowledge—learn offensive and defensive volleyball schemes.
3. Improved physical volleyball skills such as quickness, endurance, strength and explosiveness in jumping.

COURSE TITLE: VOLLEYBALL 3
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor approval
GRADE LEVELS: 12
CREDITS: .5 per semester

This is a class for girls participating in volleyball. It will seek to improve and maintain the following:

1. Volleyball fundamental skills, passing, setting, spiking, and digging.
2. Volleyball knowledge—learn offensive and defensive volleyball schemes.
3. Improved physical volleyball skills such as quickness, endurance, strength and explosiveness in jumping.

COURSE TITLE: ADVANCED WEIGHT TRAINING AND ATHLETIC DEVELOPMENT 1(BFS)
GRADUATION REQUIREMENT MET: ELECTIVE
PREREQUISITE: Head coach approval
GRADE LEVELS: 10, 11, OR 12
CREDITS: .5 PER SEMESTER

Weight training fulfills the required physical education credit for graduation. This class is designed for both male and female student athletes interested in developing both physically and mentally into a better athlete. The class will focus on strength training, speed training, endurance training, flexibility training, plyometric training, agility training, record keeping, and goal setting. The purpose of the class is to help each individual athlete improve athletic performance, improve self-esteem, and reduce the risk of injury. This course is offered for cross country, soccer, swimming/diving, cheerleading, tennis, track and field, and wrestling.

COURSE TITLE: ADVANCED WEIGHT TRAINING AND ATHLETIC DEVELOPMENT 2(BFS)
GRADUATION REQUIREMENT MET: ELECTIVE
PREREQUISITE: Head coach approval
GRADE LEVELS: 10, 11, OR 12
CREDITS: .5 PER SEMESTER

Weight training fulfills the required physical education credit for graduation. This class is designed for both male and female student athletes interested in developing both physically and mentally into a better athlete. The class will focus on strength training, speed training, endurance training, flexibility training, plyometric training, agility training, record keeping, and goal setting. The purpose of the class is to help each individual athlete improve athletic performance, improve self-esteem, and reduce the risk of injury. This course is offered for cross country, soccer, swimming/diving, cheerleading, tennis, track and field, and wrestling.

COURSE TITLE: ADVANCED WEIGHT TRAINING AND ATHLETIC DEVELOPMENT 3(BFS)
GRADUATION REQUIREMENT MET: ELECTIVE
PREREQUISITE: Head coach approval
GRADE LEVELS: 10, 11, OR 12
CREDITS: .5 PER SEMESTER

Weight training fulfills the required physical education credit for graduation. This class is designed for both male and female student athletes interested in developing both physically and mentally into a better athlete. The class will focus on strength training, speed training, endurance training, flexibility training, plyometric training, agility training, record keeping, and goal setting. The purpose of the class is to help each individual athlete improve athletic performance, improve self-esteem, and reduce the risk of injury. This course is offered for cross country, soccer, swimming/diving, cheerleading, tennis, track and field, and wrestling.

COURSE TITLE: ATHLETICS 1,2, AND 3
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor approval
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per year

Credit of this course will not count toward the honor roll or grade point average. Participation in three (3) sports seasons prior to grade 12 will fulfill the Physical Education graduation requirement. *Prospective honor graduates must take this as an additional unit.*

Fall Sports		Spring Sports	
Boys	Girls	Boys	Girls
Football	Volleyball	Basketball	Basketball
Cross Country	Cross Country	Track and Field	Track and Field
Soccer	Soccer	Baseball	Softball
Swimming/Diving	Swimming/Diving	Wrestling	Wrestling
Cheerleading	Cheerleading	Cheerleading	Cheerleading
Golf	Golf	Golf	Golf
Tennis	Tennis	Tennis	Tennis
Marching Band	Marching Band		

Career Technology Education

AGRICULTURE

Agriculture at Hobbs High School is offered to students who have an interest in some type of agriculture business or related fields of agriculture.

COURSE TITLE: INTRO TO AGRICULTURE

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9, 10, 11, or 12
CREDITS: .5 per semester

This course is an introductory course designed to expose students to different facets of FFA and the agriculture industry. Students will gain knowledge in animal science, plant science, leadership skills, public speaking, FFA opportunities, and agricultural mechanics. Instruction and student learning will occur through lectures, student projects, group discussions, hands-on experiences, FFA experiences, CDE participate, and their SAE program. FFA participation is recommended.

COURSE TITLE: ADVANCED AGRISCIENCE AND LEADERSHIP

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Intro to Agriculture
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester
CERTIFICATE: NRCS Fundamentals of Conservation & Sustainability in Agriculture Certification

This class purpose is heavy on the focus of Career Development Events and Judging. The class will consist of Animal Management, Crop Management, Meat Science, Science of Agriculture, and SAE Projects. This is a course that will introduce students to a wide variety of Agriculture topics while intergrading FFA concepts into the curriculum. Students will identify sustainability within agriculture. FFA participation is recommended, alongside using AET record book.

COURSE TITLE: AGRISCIENCE LEADERSHIP 3

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Advanced Agriscience and Leadership
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester
CERTIFICATE: Employment Professional Career Preparedness Certification

This class focuses on Leadership development events in the vast field of Agriculture and will serve students who wish to continue their involvement in the FFA. The prerequisite will give students the ability to succeed in the class by applying past knowledge to future areas of study. The areas of study for this class will include but are not limited to Ag Communications, Ag Sales, Ag Business Management and Marketing, Agriculture Issues, and Parliamentary Procedure. Students will be involved in FFA events around the state and community. Furthermore, students will be able to develop projects that will be showcased at various fairs and agricultural events. Community leadership will be stressed and students will be given the opportunity to lead groups and develop presentations on current agricultural topics or Agri-based business development. This course includes service learning to meet SAW requirements. FFA Participation is highly recommended.

COURSE TITLE: DUAL CREDIT INTRODUCTION TO ANIMAL SCIENCE (ANSC 114)(ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5

This course is an introduction to the livestock industry and provides a survey of modern animal science. It will include application of physiology, meat science, genetics, endocrinology, and nutrition as well as breeding selection, feeding and management of farm animals. Areas covered include sheep, swine, cattle, and horses. Students who enroll in this class are interested in an ag science degree or planning to go into vet tech or pre-vet studies. This class will be available based on staffing.

This introductory course is a basic requirement for agriculture majors. It can also serve as an elective with transferability to New Mexico, Texas, and other post-secondary schools, but it is ALWAYS advisable to check with the receiving institution.

This is a dual credit class through ENMU.

COURSE TITLE: DUAL CREDIT INTRODUCTION TO DAIRY SCIENCE (ANSC 113)(ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5

This course is an introductory course in dairy science. It will cover basic information about dairy animal health, handling nutrition, reproduction, genetics, facilities, maintenance, anatomy, and physiology, and business management. Students enrolled in this class are interested in an ag science degree or planning to go into vet tech or pre-vet studies. This class will be available based on staffing. This is a dual credit class through ENMU.

COURSE TITLE: VETERINARY SCIENCE

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Intro to Agriculture
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course imparts basic information about employment as a Veterinary Technician. Animal health, nutrition, reproduction, genetics, facilities maintenance, anatomy and physiology and business management are all possible areas of study. Specific focus of this course is on mastering the entry level skills needed for employment as a veterinary assistant or technician.

COURSE TITLE: HORTICULTURE 1

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This class is designed to examine food and fiber production systems landscaping, and floral industry, with emphasis on plant structure and function as well as horticulture's vast role and versatility in today's world. This class will be a very hands-on experience with a great deal of team, as well as individual projects. Students will put the many aspects of the horticulture industry into practice through creating actual designs. There will also be careers investigation in these industries.

COURSE TITLE: DUAL CREDIT INTRODUCTION TO HORTICULTURE (ANSC 114) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Biology 1
GRADE LEVELS: 11 or 12
CREDITS: .5

This course covers identification, adaptation, propagation and maintenance of turf grass, fruit, vegetable, nut, flowering and ornamental plants. This class will be available based on staffing.

This is a dual credit class through ENMU. Students enrolling in this course must complete a dual credit enrollment form through ENMU.

COURSE TITLE: DUAL CREDIT PLANT SCIENCE (AGRO 1110C) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Biology 1
GRADE LEVELS: 11 or 12
CREDITS: .5

Introduction to the major food, feed, fiber, and specialty crops grown in New Mexico and the U.S. Emphasis on biology, physiology, genetics, culture and management. This class will be available based on staffing.

This is a dual credit class through ENMU. Students enrolling in this course must complete a dual credit enrollment form through ENMU.

COURSE TITLE: FLORICULTURE

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Horticulture 1 and submit an updated resume and letter of recommendation, Instructor approval
GRADE LEVELS: 11 or 12
CREDITS: 1.0
CERTIFICATIONS: BENZ FLORAL DESIGN CERTIFICATION

The intended purpose of this course is for students to learn the basics of the horticulture plant production and gain experience in the field of floral design. Floral Design is a year-long course that is intended to prepare students to enter the floral industry. Instruction includes the science of plant production as well as marketing, developing design principles, and conducting successful business management practices. By the end of the semester, students should have completed substantial participation in FFA floriculture team activities, which not only provides potential scholarship, but also incorporates leadership development opportunities. Students in this class will maintain and run the State Licensed Bloomin' Eagles Floral Shop. Students will practice successful business skills while producing and marketing floral arrangements throughout the school year.

COURSE TITLE: DUAL CREDIT AGRICULTURE COMMUNICATIONS AND ENTREPRENEURSHIP

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Agriculture and Leadership 3
GRADE LEVELS: 12
CREDITS: .5 per semester

This course is designed to strengthen students' personal and group communication skills. Topics such as public speaking, professional communication, public relations, human relations, and journalism would be covered in this class. Students will have the opportunity to compete in many FFA communication events. Students will also focus on Supervised Agriculture Experience Projects, alongside keeping their AET record book up to date.

BUSINESS

COURSE TITLE: DESKTOP PUBLISHING I (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5

Students develop proficiency in skill development and proficiency in creating desktop publications. This course will focus on the electronic procedures of creating, formatting, editing/revising, and printing publications. Students will show improved productivity of electronically produced brochures, programs, newsletters, web pages, presentations, and manuscripts.

COURSE TITLE: MICROSOFT OFFICE

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, 12
CREDITS: 1

This course develops skills and provides experience with the major business applications of the computer. These include Microsoft Windows and word processing using Microsoft Office. Students will learn Word commands, step by step, from the simple to the complex. Also included are business computer terminology and systems procedures that focus specifically on the use of Microsoft Word as it applies to the business industry.

COURSE TITLE: WEB PAGE DESIGN I (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Microsoft Office
GRADE LEVELS: 11 or 12
CREDITS: .5

This is an introductory course that teaches students to use a text editor to learn the languages of HTML5 and CSS that will enable them to learn to create their own web page design. This course, although not required for Web Page Design II, is recommended as a pre-requisite for a student wishing to learn how to create and publish web pages.

COURSE TITLE: WEB PAGE DESIGN II (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Web Page Design I
GRADE LEVELS: 11 or 12
CREDITS: .5

This is an introductory course that emphasizes skill development that will enable students to author, edit, evaluate, and publish web pages. The basics of planning and creating web pages, using web design software will be used to create their own web pages by selecting and adding images, choosing background colors, creating active internal and external links, adding lists and testing pages. This course is an introductory course which will lead to an Adobe Certification.

COURSE TITLE: GRAPHIC DESIGN I (ADOBE PHOTOSHOP) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5

This course has been designed to familiarize the student with the fundamentals of Photoshop. This class will use a hands-on approach covering the Photoshop CS3 basic drawing tools as well as graphic recipes, graphic terminology, gif animations, layers, and vectors. Photoshop is used for image editing and as a painting program. Photoshop is also invaluable for producing graphics on the Web. Students will have a clear standard for creating and editing images—both for the printed page as well as for the Web. This course is an introductory course which will lead to an Adobe Certification.

COURSE TITLE: GRAPHIC DESIGN II (ADOBE INDESIGN) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5

An InDesign course is the ideal starting point if you're seeking to gain precise control over designs, including creating print layout, professional branding materials, and web content. InDesign is part of the Creative Cloud and runs on both Mac and Windows computers, which makes it accessible widely and used by professionals in graphic design, publishing, web design, marketing, and other creative roles. This course is an introductory course which will lead to an Adobe Certification.

COURSE TITLE: ACCOUNTING I

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Algebra 1
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course is designed to present basic accounting principles to students. It will be a combination of pencil and paper and computer applications. There will be an emphasis on problem solving in a business setting. Simulations will be used so students will become acquainted with accounting in today's business world.

COURSE TITLE: ACCOUNTING2

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Accounting 1
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

This course is designed to be a continuation of accounting 1. It will address more complex business transactions and will also involve simulations. It will also be done both manually and on computer applications.

COURSE TITLE: FOUNDATIONS OF ENTREPRENEURSHIP (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

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

COURSE TITLE: CAREER PLANNING (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5

The student will be given the opportunity to attain a better understanding of self through the study of human growth and development, behavioral patterns, and his/her role in the family and society. It will assist the student in planning the remaining years in high school and enable him/her to survey various career fields of interest. The student will be given extensive guidance counseling and emphasis will also be placed on the development and use of good study habits. This course is designed to help prepare students for entering the world of work.

COURSE TITLE: FOUNDATIONS OF PERSONAL FINANCIAL MANAGEMENT (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5

Personal Financial Management focuses on teaching students how to plan and manage their personal finances. This course covers personal financial planning including banking, consumer credit, saving and investing, and the options available such as stocks, bonds, mutual funds, real estate, and other investments, insurance and money management strategies.

COURSE TITLE: MARKETING (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5

This course will prepare students for employment in a wide range of marketing careers and will apply concepts of marketing. The principles of marketing economics, marketing math, communications, selling, advertising, promotion, and human relations will be emphasized. Students will apply marketing concepts using word processing, spreadsheets, graphics, database, and computer systems.

COURSE TITLE: INTRODUCTION TO BUSINESS

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 PER SEMESTER

In Introduction to Business, students gain knowledge and skills in economics and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

EDUCATION

COURSE TITLE: HUMAN DEVELOPMENT

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course focuses on valid reasons to become parents; prenatal development; birth and the newborn; and the physical, emotional and social development of a child from age one through the age of three. During the rest of the course the students will be allowed to work on individual projects with emphasis placed on parenting skills, safety, and correct procedures.

COURSE TITLE: TEACHING ACADEMY 1

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

The Teaching Academy Program is an introduction or orientation to the teaching profession that is designed to provide students with an in-depth look at the profession of teaching. Students study the growth and development of the learner, as well as the social, political, philosophical, cultural, legal, and economic forces that shape the United States public educational system. In addition, students participate in classroom observations and an extended field experience assisting a classroom teacher with individual tutoring, group monitoring, and whole class instruction. Students study child development principles of effective teaching practices.

COURSE TITLE: TEACHING ACADEMY 2

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Teaching Academy 1
GRADE LEVELS: 12
CREDITS: .5 per semester

Teaching Academy 2 is an introduction or orientation to the teaching profession that is designed to provide students with an in-depth look at the profession of teaching. Students study the growth and development of the learner, as well as the social, political, philosophical, cultural, legal, and economic forces that shape the United States public educational system. Students participate in classroom field experience assisting a classroom teacher with individual tutoring, group monitoring, and whole class instruction. Students study child development principles of effective teaching practices.

COURSE TITLE: DUAL CREDIT HUMAN GROWTH AND DEVELOPMENT (EDF 210P) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 11 or 12
CREDITS: 1.0

The development of the individual from conception through adulthood. Theories and factual content underlying current thinking and research are examined, as well as the processes and influences affecting the developing person. The focus is on human growth and development as it impacts learning; including biological, social, emotional and intellectual aspects across the lifespan; and individual application is emphasized. Ten (10) hours of field experience required.

COURSE TITLE: COMMUNICATION FOR EDUCATORS (EDF 110) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 11 or 12
CREDITS: 1.0

Strategies for communicating with students, parents, administrators, and the community. Topics include professional writing, public speaking (interpersonal and small group) and diversity in communication styles in educational settings. This course will be available based on staffing.

This is a dual credit class through ENMU. Students enrolling in this course must complete a dual credit enrollment form through ENMU. A student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

COURSE TITLE: STRUCTURED OBSERVATION OF TEACHING AND LEARNING & LAB (EDUC 2116L) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 11 or 12
CREDITS: 1.0

Introduction to the study and practice of teaching and learning. For students interested in pursuing a career in teaching and learning. Required for advancement in the teacher education program. Concurrent enrollment: EDIC 2116L. Forty (40) hours of field experience required. Must be completed with grade of "B" or higher.

This is a dual credit class through ENMU. Students enrolling in this course must complete a dual credit enrollment form through ENMU. A student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

FAMILY AND CONSUMER SCIENCES

COURSE TITLE:	GRADS1
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	None
GRADE LEVELS:	9, 10, 11, or 12
CREDITS:	.5 per semester

GRADS is a class for pregnant and parenting teens which addresses decision making, self-esteem, relationships, youth development/service learning, economic independence, parenting, and child development. Individual projects address identified deficiencies/needs of both generations. GRADS 1 provides case management, and occasionally directed study for pregnant students who are unable to transfer into the GRADS classroom until after the semester break. Emphasis will be given to effective parenting and nurturing skills. **Teen Pregnancy:** Topics may include: Pregnancy, the importance of prenatal care, prenatal development, birth and delivery, healthy eating habits, goal-setting, staying in school, Self-formation, (who are you, who do you want to become) process skills (problem solving, decision making) social support, communicating with father and his family, and economic independence, staying in school, and community resources for teen parents. **Newborn:** A course designed for the teen that is parenting a newborn baby under 1 year old. Topics may include: Time management, Child development from Birth to 1 year, brain development, and child support, selecting a day care, bonding, nutrition, medical attention, economic independence, and three generational living. This course meets the graduation requirement for health.

COURSE TITLE:	GRADS2
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	None
GRADE LEVELS:	9, 10, 11, 12
CREDITS:	.5 per semester

GRADS 2 is a class for pregnant and parenting teens which focuses upon self-esteem, pre/post-natal care, child birth, family planning, parenting of an infant, and the creation of a healthy and safe environments for the child. Emphasis will be given to effective parenting and nutritional skills. **Child 1-3 years old:** Topics may include: Child development for toddlers, potty training, discipline, brain development, career planning, job portfolios, family law, decision-making, goal-setting, self-formation, process skills, social support, economic independence, second-hand smoke and health issues, childhood diseases, healthy relationships and family planning, custody, staying in school, and father rights. This course meets the graduation requirement for Health.

COURSE TITLE:	GRADS3
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	None
GRADE LEVELS:	9, 10, 11, 12
CREDITS:	.5 per semester

GRADS 3 is a class for pregnant and parenting teens which builds upon that foundation and delves deeper into those topics plus healthy relationships, career enhancement, parenting of a toddler, peer presentations, learning and personality styled, and employability skills. Emphasis will be given to effective parenting and nurturing skills. Topics may include: process skills, self-formation, social support systems, and the importance of legislature, economic independence, employability, child development, discipline, brain development, health and safety issues, childhood diseases, and family planning. Career planning, staying in school, job portfolios, family law, managing a budget, decision-making, goal-setting, healthy relationships, interaction of the teenage parent their child and their extended family. Abuse and neglect will also be studied. This course meets the graduation requirement for Health.

COURSE TITLE:	GRADS4
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	None
GRADE LEVELS:	9, 10, 11, 12
CREDITS:	.5 per semester

GRADS 4 is a class for pregnant and parenting teens which utilizes additional curricula to reinforce previous topics and addresses Domestic Violence, Legal Issues pertaining to teen parents, Child Abuse, how to transition to a post-secondary school, and how to get and keep a meaningful job. Emphasis will be given to effective parenting and nurturing skills. **Pre-school age children:** Topics may include: Staying in school, living on your own, budgeting, checking accounts, savings, taxes, job security and advancement, continuing education, graduation plan and requirements, balancing work and family, economics independence, child development of preschool children, reading and language development, parent-child interaction, discipline, child abuse, and sexual transmitted diseases. Students are involved in topics such as balancing work and family, healthy interactions with their child and career development and advancement. This course meets the graduation requirement for Health.

COURSE TITLE: GRADS5
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9,10,11,12
CREDITS: .5 per semester

GRADS 5 is a class for pregnant and parenting teens that offers case management for students who have completed all curricula or are unable to take the class while completing graduation requirements. Students may transition into this category and back into GRADS once requirements are completed. Individualization is documented through individual, competency-based student notebooks which follow students throughout high school. Students continue to progress through a wealth of curricula in subsequent years to assure they complete school, parent effectively, and prepare for meaningful relationships and careers. Advanced students: Case Management provides individual student conferences to identify and remove barriers. Community referrals are provided for everything from tutoring, counseling, housing, education, employment, legal and health issues to address barriers.

COURSE TITLE: GRADSLAB1
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9,10,11,or12
CREDITS: .5 per semester

This course is an expansion of the GRADS classes. Students learn to provide a healthy child care environment as well as study topics such as learning theories, development of appropriate activities, operation of a childcare center, recognition of childhood diseases, abuse, neglect, and first-aid/emergency training may be covered. Hands-on-training is very essential in the center. Case management is an integral part of this course.

COURSE TITLE: GRADSLAB2
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9,10,11,or12
CREDITS: .5 per semester

This course is an expansion of the GRADS classes. Students learn to provide a healthy child care environment as well as study topics such as learning theories, development of appropriate activities, operation of a childcare center, recognition of childhood diseases, abuse, neglect, and first-aid/emergency training may be covered. Hands-on-training is very essential in the center. Case management is an integral part of this course.

COURSE TITLE: GRADSLAB3
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9,10,11,or12
CREDITS: .5 per semester

This course is an expansion of the GRADS classes. Students learn to provide a healthy child care environment as well as study topics such as learning theories, development of appropriate activities, operation of a childcare center, recognition of childhood diseases, abuse, neglect, and first-aid/emergency training may be covered. Hands-on-training is very essential in the center. Case management is an integral part of this course.

COURSE TITLE: GRADSLAB4
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9,10,11,or12
CREDITS: .5 per semester

This course is an expansion of the GRADS classes. Students learn to provide a healthy child care environment as well as study topics such as learning theories, development of appropriate activities, operation of a childcare center, recognition of childhood diseases, abuse, neglect, and first-aid/emergency training may be covered. Hands-on-training is very essential in the center. Case management is an integral part of this course.

COURSE TITLE: HUMAN DEVELOPMENT
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10,11,or12
CREDITS: .5 per semester

This course focuses on valid reasons to become parents; prenatal development; birth and the newborn; and the physical, emotional and social development of a child from age one through the age of three. During the rest of the course the students will be allowed to work on individual projects with emphasis placed on parenting skills, safety, and correct procedures.

PSYCHOLOGY

COURSE TITLE: INTRODUCTION TO SOCIOLOGY (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5

This course is designed to enlighten the student on problems of everyday life such as financing, income tax, social security, military service obligations, home and car buying, banking, budgeting, insurance, and investment. Family relationships including marriage and the home are studied.

COURSE TITLE: INTRODUCTION TO PSYCHOLOGY/ITV (PS113) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, 12
CREDITS: .5

This is an introduction to the science of human behavior and surveys topics including learning, motivation, physiological, personality, and abnormal psychology. This is basic to all succeeding courses in psychology.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number). ACCUPLACER placement tests are not required, but a student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

This course is designed to provide the student with a basic understanding of Psychology and is a foundation for all succeeding Psychology courses. This course has transferability to other colleges, but it is always advisable to check with the receiving four-year school.

COURSE TITLE: GENERAL SOCIOLOGY/ITV (SO213) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, 12
CREDITS: .5

This is an introductory review of the history of sociology using the major sociological principles for emphasis on personality and human behavior as a product of group life. Organization of society, population, the community, cultural life, and other factors of social life are all studies in this course.

This is a dual credit class through NMUC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number). ACCUPLACER placement tests are not required, but a student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

This course is designed to provide the student with a basic understanding of social life and society. It provides a foundation for all succeeding Sociology courses. This course has transferability to other colleges, but it is always advisable to check with the receiving four-year school.

COURSE TITLE: AP PSYCHOLOGY

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 11 OR 12
CREDITS: .5 PER SEMESTER

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. This course will prepare students for the AP Psychology Exam given in May. All students will be required to take this exam.

COURSE TITLE: SOCIAL PSYCHOLOGY (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 11 OR 12
CREDITS: .5

This course is designed as a comprehensive survey course of theory and research on social psychology. The goal of this course is to explain how our thoughts, feelings, and behavior are influenced by the actual, imagined, or implied presence of other people. Topics to be studied include the self, social perception, social cognition and information processing, attitudes and persuasion, prejudice, stereotyping and discrimination, social influence and group behavior, romantic relationships, aggressive behavior, helping behavior, and applied social psychology. Throughout the course, you will be encouraged to think about how research in social psychology can shed light on events going on around the world and in your own lives and how it can help to better human existence.

COURSE TITLE: ABNORMAL PSYCHOLOGY (ONE SEMESTER)
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 11 OR 12
CREDITS: .5

This course will provide an overview of the scientific study of mental illness (also known as psychopathology). About 25% of the course will cover basic concepts and definitions, historical perspectives on psychopathology, different theoretical models of psychopathology, the assessment and diagnosis of mental illness, and research methods for studying mental disorders. The remaining 75% of the course will concern the leading categories of mental disorders among adults, children and adolescents, including the description and classification of these disorders, the leading theories and evidence explaining their origins, and some treatments for these disorders. Legal and ethical issues pertaining to the assessment and treatment of mental illness will be discussed, as well as the role of culture and diversity in assessment and treatment. The course will at various times touch upon theory, empirical research, and clinical practice.

WORK PROGRAMS

COURSE TITLE:	INDUSTRIAL COOPERATIVE TRAINING
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	2.0 GPA and written approval by Coordinator
GRADE LEVELS:	11 or 12
CREDITS:	1.5 per semester

This is a work experience study program. Students gain vocational industrial training by spending part time in the school and part of the school day on paid training in the community. Students must have and maintain a job throughout the year. The student must attend a one-hour Industrial Cooperative Training class daily and work at a training site. This course is designed to give entry-level training in various trades such as auto mechanics, electricity, printing, welding, machine shop, carpentry, plumbing, and other trades requiring skilled training.

COURSE TITLE:	HOSPITALITY SERVICES WORK PROGRAM 1
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	2.0 GPA and written approval by Coordinator
GRADE LEVELS:	11 or 12
CREDITS:	1.5 per semester

Hospitality Services Work Program is an occupational food and hospitality service program with students earning class and work credit. The emphasis is on job-seeking and job-keeping skills. The student must attend a one-hour Hospitality Services class daily and work at a training station approved by the coordinator. Department of Labor requires working students to be at least 16 years of age. Student must work a minimum of 12 hours per week.

COURSE TITLE:	HOSPITALITY SERVICES WORK PROGRAM 2
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	2.0 GPA and written approval by Coordinator
GRADE LEVELS:	12
CREDITS:	1.5 per semester

Hospitality Services Work Program is an occupational food and hospitality services work program with students earning class and work credit. The emphasis is on giving quality service in all service-oriented occupations, career guidance, and career preparation. The student must attend a one-hour Hospitality Services class daily and work at a training station approved by the coordinator. Department of Labor requires working students to be at least 16 years of age. Students must work a minimum of 12 hours per week.

COURSE TITLE:	BUSINESS EDUCATION 1 (COOPERATIVE)
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Keyboarding, at least one advanced business course, and instructor approval
GRADE LEVELS:	11
CREDITS:	1.5 per semester

Business Education 1 Cooperative is a course designed as a work program for juniors. Students must maintain a job throughout the year where they will get on-the-job training in skills that will be utilized in an office. Students must work in an established office within the business community and may not work out of a residence or under the supervision of relatives (job site must be approved). Students are required to attend the one-hour Business Education 1 class and to work at least 15 hours per week. The Business Education Coordinator, employer, and student must have approval for any other arrangements. The Business Education 1 Cooperative training course will emphasize the same criteria as the Business Education 1 course (pg. 21) but will also get on-the-job training. Applications may be obtained from the vocational office in the 300 wing. The students will be enrolled upon approval of the coordinator.

COURSE TITLE:	BUSINESS EDUCATION 2 (COOPERATIVE)
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Keyboarding, at least one advanced business course and written approval by Coordinator
GRADE LEVELS:	12
CREDITS:	1.5-2.0 per semester

Business Education 2 is a course designed as a work experience program for seniors. Students must maintain a job throughout the year where they will get on-the-job training in skills that will be utilized in an office. The Business Education 2 student will be required to attend the one-hour Business Education Class and to work at an approved training site at least three hours per day or any other arrangement approved by the Business Education Coordinator, employer, and student. Students must work in an established office within the business community and may not work out of a residence. Students cannot work for or under the supervision of relatives. This co-op training course will emphasize the following: development of good work habits and attitudes, human relationships, oral and written communications, advanced filing techniques and mastery of the calculator, digital camera, scanner, and presentation software. Advanced word processing simulations will use Microsoft Office (Word, Excel, Access, and PowerPoint). Applications may be obtained from the vocational office in the 300 wing. The student will be enrolled upon approval of the coordinator.

CTECH

English

COURSE TITLE:	ENGLISH 3 TECHNICAL WRITING I
GRADUATION REQUIREMENT MET:	English
PREREQUISITE:	None
GRADE LEVELS:	11 or 12
CREDITS:	1
INDUSTRY CERTIFICATIONS:	NONE

English 3 Technical Writing I will focus on the develop of skills in the straightforward language of the technical business and career world. Materials, resources, and curriculum will focus on the specific needs associated with the various programs offered, and work to develop student's abilities to effectively communicate within their chosen career to a variety of audiences. Students will be expected to partake efficiently in real-world, applicable writing scenarios including, but not limited to:

- Formal communication through various platforms such as email, resume, visuals, reports, legal forms, databases, manuals, and reports.
- Presentational skills for career advancement and skill ability.
- Use of standard English spelling, grammar, and usage.
- Reference research and data collection using print, electronic databases, and online resources.
- Mastering of handwriting and word processing skills.

***Must be enrolled in a CTECH pathway to take this class**

COURSE TITLE:	ENGLISH 4 TECHNICAL WRITING II
GRADUATION REQUIREMENT MET:	English
PREREQUISITE:	English 3 Technical Writing I
GRADE LEVELS:	12
CREDITS:	1
INDUSTRY CERTIFICATIONS:	NONE
DUAL ENROLLMENT:	NMJC TECHNICAL COMMUNICATIONS 3 CREDITS

English 4 Technical Writing II will build upon the skills learned in Technical Writing I and focus more on career readiness through the creation of a portfolio in reference to the student's program enrollment. Both integrate a focus on logic, analysis, and critical thinking skills through an emphasis on word choice, usage, and writing mechanics for college/business preparation. Comprehension and critical thinking skills are further supported through the reading of various texts and writings in relation to their field of study, and will be developed through additional writing assignments and projects.

***Must be enrolled in a CTECH pathway to take this class**

Math

COURSE TITLE:	SURVEY OF MATHEMATICS
GRADUATION REQUIREMENT MET:	Math
PREREQUISITE:	Elementary Algebra or Equivalent
GRADE LEVELS:	11 or 12
CREDITS:	1
INDUSTRY CERTIFICATIONS:	NONE
DUAL ENROLLMENT:	NMJC SURVEY OF MATHEMATICS 3 CREDITS

This Course will develop students' ability to work with and interpret numerical data, to apply logical and symbolic analysis to a variety of problems, and/or model phenomena with mathematical or logical reasoning. Topics include financial mathematics used in everyday life situations, statistics, and optional topics from a wide array of authentic contexts. (CCNS) Prerequisite: TS 113F (Elementary Algebra) or equivalent or appropriate score on placement test.

***Must be enrolled in a CTECH pathway to take this class**

COURSE TITLE:	TECHNICAL MATH
GRADUATION REQUIREMENT MET:	Math
PREREQUISITE:	Survey of Mathematics
GRADE LEVELS:	12
CREDITS:	1
INDUSTRY CERTIFICATIONS:	NONE
DUAL ENROLLMENT:	NMJC TECHNICAL MATH 3 CREDITS

This course is designed for the student majoring in a vocational/technical field. It includes a brief review of whole numbers, decimals, and fractions followed by fundamental operations of algebra, linear equations, ratio, proportions, variations, percent, basic geometry, unit conversions, metric system, and applications in the technical fields.

***Must be enrolled in a CTECH pathway to take this class**

TRANSPORTATION

Transportation Career Pathway Description

The Transportation Pathway will give students a unique opportunity to get hands-on experience learning the theory and diagnostics of gasoline and diesel engines. Whether it be diving into the electrical circuits, engine theory, or diagnostics, students will have a one-of-a-kind opportunity to build invaluable skills with industry-standard tools and equipment. Students will have the opportunity to obtain nationally recognized certifications through the Transportation Pathway.

Automotive Career Pathway

COURSE TITLE: INTRODUCTION TO AUTOMOTIVE TECHNOLOGY

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: 2
INDUSTRY CERTIFICATIONS: SNAP-ON AND ASE ENTRY LEVEL

This automotive technology course explores auto industry standards, terminology, career opportunities and classifications, shop equipment operation and safety, tool identification and usage, diagnostic equipment identification and usage, tires and wheels, foundation and ABS brake systems diagnostics and repair, engine theory, cooling systems, lubrication, fuel delivery and injection, proper fastener torque, and preventative maintenance. Students will also study basic electrical theory, starting systems, battery and charging systems, lighting, instruments, accessories, and ignition systems. Students will also learn to use the resources available to them to obtain diagnostic information. This course focuses heavily on electrical, diagnostics, and reporting in response to industry demand. Students who complete this course successfully, will be encouraged to, and will have the knowledge to pass entry level ASE tests.

COURSE TITLE: AUTOMOTIVE TECHNOLOGY II

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Automotive Technology I
GRADE LEVELS: 11 or 12
CREDITS: 2
INDUSTRY CERTIFICATIONS: SNAP-ON AND ASE ENTRY LEVEL

Students will learn advanced electrical diagnostics (reading wiring diagrams, voltage, voltage drop, resistance, ground circuit, continuity, and load testing circuits, wiring repair) and advanced scan tool usage, vehicle communications (CAN bus), and sensor diagnostics and testing. Also included is steering and suspension, 4 wheel/all-wheel drive systems, advanced ABS/TRAC/Stability diagnostics. Clutch, manual and automatic transmissions/transaxle and drivetrain diagnostics and repair, HVAC systems, and body systems (power window, power door locks, doors and hatches, power seats, power mirrors). Students who complete Automotive I and II will have the knowledge to pass all 8 ASE core area entry level tests. Automotive II places an extra emphasis on engine performance and advanced students will be encouraged to continue study for the ASE L-1 Advanced engine performance test.

Diesel Career Pathway

COURSE TITLE: DIESEL TECHNOLOGY II

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Introduction to Automotive Technology
GRADE LEVELS: 11 or 12
CREDITS: 2
INDUSTRY CERTIFICATIONS: SNAP-ON AND ASE ENTRY LEVEL

This course will cover advanced electrical diagnostics (voltage, voltage drop, continuity, resistance, load testing, and wire repair) advanced scanner operation, vehicle communication systems, high pressure fuel system, fuel injection, cold starting (glow plugs, intake air heaters), forced induction. It will also cover advanced DEF system and emissions diagnostics. Drive train, steering, suspension, auto and manual transmission, clutches, drive axles, transfer cases, body systems, A/C diagnostics and repair, power systems (power windows, power seats, power door locks) will also be included. Students will discover how the different vehicle systems interact and are independent for smooth vehicle operation. Students who complete Diesel I and II will have the knowledge to pass the ASE entry level tests, and will be encouraged to pursue the ASE A9 light duty diesel certification.

COURSE TITLE: CTE INTERNSHIP/APPRENTICESHIP TRANSPORTATION

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: COMPLETION OF A PATHWAY
GRADE LEVELS: 11 or 12
CREDITS: 2
INDUSTRY CERTIFICATIONS: NONE

The CTE transportation internship/apprenticeship is a highly structured hands-on experience providing career preparation in which students work within the community alongside an industry partner to participate in and observe work first hand. A CTECH transportation Internship/Apprenticeship allows for additional development of career and technical competencies within the transportation career field. Internships/Apprenticeships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks.

ENERGY

Energy Career Pathway Description

Petroleum Technology will provide students with the skills and knowledge of oil and gas and working in the oilfield industry. Safety and terminology, as well as, the history of oil exploration, drilling, fracking and artificial lift systems along with hands-on training to familiarize the students with the equipment that is used in producing a marketable product. Training systems will be utilized to assist students to:

- Measure and control process variables, such as pressure, flow, level, and temperature.
- Create troubleshooting scenario processes by adding faults to the system or by modifying the control strategies.
- Calibrate and set up the different smart transmitters and control valves.

Students will have the knowledge of safely operating an oilfield facility, troubleshooting problems in the field and explore career opportunities in the Petroleum Technology Industry.

Oil and Gas Career Pathway

COURSE TITLE:	PETROLEUM TECHNOLOGY STUDY OF OIL AND GAS
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	None
GRADE LEVELS:	10, 11, or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	ACT FESTO & NC3

This one-year course will provide students skills training and overall knowledge of oil and gas extraction throughout the oilfield industry. Emphasis will be on the knowledge of safely operating an oilfield facility, troubleshooting problems with equipment, and career opportunities in the Petroleum Technology Industry. Topics will include: safety, oil industry terminology, history of oil exploration, drilling, fracking and an introduction to artificial lift systems. Students will use industry trainers to develop an understanding of common equipment used in producing marketable oil and gas product. Training systems utilized will demonstrate:

- *Measure and control process variables, such as pressure, flow, level, and temperature.
- *Calibrate and set up different smart transmitters and control valves.
- *Troubleshoot scenario exploration, through system fault analysis and modify control strategies.

COURSE TITLE:	PETROLEUM TECHNOLOGY OPERATIONS AND MAINTENANCE
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Petroleum Technology Study of Oil and Gas
GRADE LEVELS:	11 or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	ACT FESTO & NC3

This second-year program will introduce students to the Multiple Artificial Lift Systems being utilized currently in the oil and gas industry. An emphasis on safety will continue through the use and operation of FESTO training systems. These systems will be used to teach the identification, installation, troubleshooting, and maintenance of common machine components in the oilfield industry, specifically:

- *The alignment of pulleys, sprockets, and dears; as well as the adjustment of belt tension, chain slack, and gear backlash.
- *Installation of couplings with various misalignment tolerances, and installation methods for seals, O-rings and mechanical seals.
- *Student certification through FESTO, NC3, and other work-force competencies.

Mechatronics Career Pathway

COURSE TITLE:	INTRODUCTION TO MECHATRONICS
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	None
GRADE LEVELS:	9, 10, 11, or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	ACT FESTO & NC3

Mechatronics aims at creating a design process that unifies a combination of engineering subfields. This means developing knowledge and skills in a cross section of engineering topics to serve as a foundation for continuing study in the field of Mechatronics. Students will gain skills and knowledge on sensors, electricity, mechanical systems, motors, pneumatics, robotics, Logic Controls and much more.

- *Mechanics/Mechanical Engineering
- *Electronics/Electrical Engineering
- *Process & Control Engineering
- *Systems Engineering
- *Process Automation

COURSE TITLE: **MECHATRONICS 2**
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: INTRODUCTION TO MECHATRONICS
GRADE LEVELS: 10, 11, OR 12
CREDITS: 2

Mechatronics 2 is the continuation of the Introduction to Mechatronics course. In this course students will continue to learn on the topics introduced during the intro course. Students will develop a deep understanding of both AC and DC electrical theory to earn the NC3 AC and DC Certifications. Students will expand their knowledge on developing Programmable Logic Controller (PLC) programs and apply them to real world applications of oil and natural gas industries. Students will learn how to operate Allen-Bradley CompactLogix PLC, and create on screen interfaces for their programs. Students who successfully completed this course will have the knowledge and skills to apply for entry level automation careers.

COURSE TITLE: **CTE INTERNSHIP/APPRENTICESHIP ENERGY**
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: COMPLETION OF A PATHWAY
GRADE LEVELS: 11 or 12
CREDITS: 2
INDUSTRY CERTIFICATIONS: NONE

The CTE ENERGY internship/apprenticeship is a highly structured hands-on experience providing career preparation in which students work within the community alongside an industry partner to participate in and observe work first hand. A CTECH ENERGY Internship/Apprenticeship allows for additional development of career and technical competencies within the energy career field. Internships/Apprenticeships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks.

CULINARY AND HOSPITALITY

Culinary and Hospitality Career Pathway Description

If you are exploring a future career in culinary or hospitality, the culinary, food service and hospitality industries are some of the broadest, most diverse industries today. They offer a multitude of potential career avenues in areas spanning from cooking to pastry arts to travel and tourism, lodging and hotel management. There is an increasing demand for hospitality professionals in every employer category including hotels, theme parks, restaurants, contract food service organizations, resorts, and convention centers. The Culinary and Hospitality courses at CTECH will prepare students to obtain nationally recognized certifications.

Culinary Career Pathway

COURSE TITLE: INTRODUCTION TO CULINARY ARTS I (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9, 10, 11, or 12
CREDITS: 1
INDUSTRY CERTIFICATIONS: SERVSAFE FOOD HANDLERS

This course is an introduction to kitchen basics, culinary basics, and culinary applications enhancing student knowledge of the culinary world. Students will understand culinary safety and sanitation techniques; use of food service equipment, knives, and smallware; use of standardized recipes, and use of seasonings and flavorings. Students will be introduced to mise en place, cooking methods and cooking applications used in a variety from breakfast foods to desserts. Students will be able to read, understand, increase/decrease, and follow recipes using appropriate measurement techniques. Students will test for their Food Handling ServSafe Certification in this course and must pass with a 75 or better to advance into the kitchen.

COURSE TITLE: INTRODUCTION TO CULINARY ARTS II (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Introduction to Culinary Arts I
GRADE LEVELS: 9, 10, 11, or 12
CREDITS: 1
INDUSTRY CERTIFICATIONS: SERVSAFE FOOD ALLERGENS AND NUTRITION

Students will be introduced to mise en place, cooking methods and cooking applications used in a variety from breakfast foods to desserts, as well as nutritional needs and allergens. Students will be able to read, understand, increase/decrease, and follow recipes using appropriate measurement techniques. Students will obtain employment skills such as applications, portfolios, and resumes. Students who complete this course successfully, will be encouraged to, and will have the knowledge to pass the ServSafe Food Allergens and Nutrition exam.

COURSE TITLE: CULINARY ESSENTIALS I (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Introduction to Culinary Arts I and II
GRADE LEVELS: 10, 11, or 12
CREDITS: 1
INDUSTRY CERTIFICATIONS: NONE

This course is designed as a college level fundamental class of culinary arts to include basic kitchen skills, handling food service equipment, figuring costs of recipes, food industry skills, and the preparation and nutrition of breakfast foods, salads, garnishes, fruits, and vegetables. This course focuses on the fundamentals of culinary arts to prepare students for a career in the food service industry. Industrial partners will aid in demonstrating culinary skills while sharing personal experience in culinary careers.

COURSE TITLE: CULINARY ESSENTIALS II (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Introduction to Culinary Arts I and II and Culinary Essentials I
GRADE LEVELS: 10, 11, or 12
CREDITS: 1
INDUSTRY CERTIFICATIONS: NONE

This course is designed as a college level fundamental class of culinary arts to include basic kitchen skills, handling food service equipment, figuring costs of recipes, food industry skills, and the preparation of meats, fish, poultry, fruits, and vegetables. This course focuses on the fundamentals of culinary arts to prepare students for a career in the food service industry. Industrial partners will aid in demonstrating culinary skills while sharing personal experience in culinary careers.

Pastry Career Pathway

COURSE TITLE: INTRODUCTION TO BAKING AND PASTRY (ONE SEMESTER)

GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Introduction to Culinary Arts I and II
GRADE LEVELS:	10, 11, or 12
CREDITS:	1
INDUSTRY CERTIFICATIONS:	NONE

This course is designed to include the principles of baking while introducing baking tools and ingredients. The focus of study will include quick breads, yeast breads, yeast doughs, cookies and brownies, and pies and tarts. This course is designed to prepare students for a career in the food service industry that focuses on baking.

COURSE TITLE: INTERMEDIATE BAKING AND PASTRY (ONE SEMESTER)

GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Introduction to Culinary Arts I and II and Introduction to Baking and Pastry I
GRADE LEVELS:	10, 11, or 12
CREDITS:	1
INDUSTRY CERTIFICATIONS:	NONE

This course is designed to include the principles of baking while introducing baking tools and ingredients. The focus of study will include pastry doughs, laminated doughs, syrups, icings, sauces, and cakes. This course is designed to prepare students for a career in the food service industry that focuses on baking.

COURSE TITLE: CULINARY & BAKING CAPSTONE

GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Introduction to Culinary Arts I and II, Intermediate Baking, or Culinary Essentials
GRADE LEVELS:	11 or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	NONE

Students will be introduced to catering and event planning, professionalism, and advanced culinary techniques. Students will examine cultural food patterns, prepare recipes, and explore foods that are unique to various regions of the world. In addition, students will practice various measuring, cutting, and cooking techniques to enhance practical and work-based skills.

Hospitality Career Pathway

COURSE TITLE: FOUNDATIONS OF HOSPITALITY AND TOURISM

GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	None
GRADE LEVELS:	9, 10, 11, OR 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	SERVSAFE FOOD HANDLERS

Principles of Hospitality and Tourism introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success in that industry.

COURSE TITLE: PRINCIPLES OF HOSPITALITY AND TOURISM

GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Foundations of Hospitality and Tourism
GRADE LEVELS:	9, 10, 11, OR 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	NONE

Principles of Hospitality and Tourism introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success in that industry.

COURSE TITLE: HOSPITALITY AND TOURISM MANAGEMENT

GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Foundations of Hospitality and Tourism and Principles of Hospitality and Tourism
GRADE LEVELS:	10, 11, OR 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	SERVSAFE MANAGER AND SERVSAFE WORKPLACE

Hospitality and Tourism Management incorporates management principles and procedures of the hospitality and tourism industry. Course focuses on the knowledge and skills needed to pursue staff and management positions available in the industry. This course will focus on, but not be limited to, professional communication, leadership, management, human resources, and technology. Employment qualifications and opportunities are also included in this course. Students who complete this course successfully, will be encouraged to, and will have the knowledge to complete the ServSafe Manager and ServSafe Workplace exams for certifications.

COURSE TITLE:	CTE INTERNSHIP/APPRENTICESHIP CULINARY/HOSPITALITY
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	COMPLETION OF A PATHWAY
GRADE LEVELS:	11 or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	NONE

The CTE culinary/hospitality internship/apprenticeship is a highly structured hands-on experience providing career preparation in which students work within the community alongside an industry partner to participate in and observe work first hand. A CTECH culinary/hospitality Internship/Apprenticeship allows for additional development of career and technical competencies within the culinary/hospitality career field. Internships/Apprenticeships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks.

MANUFACTURING

Manufacturing Career Pathway Description

The Manufacturing Pathway helps fill industry's skills gap by giving students unique opportunities to be trained on manufacturing trends. Whether it be computer numerical control (CNC) manufacturing systems, materials processing, or precision measurement, students will be able to engage in hands-on learning with state-of-the-art CNC equipment including mills, lathes, routers, 3D printing and plasma cutters. Students have the opportunity to obtain nationally recognized industry certifications.

Welding Career Pathway

COURSE TITLE: INTRODUCTION TO WELDING (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: 1
INDUSTRY CERTIFICATIONS: LEEPS/NC3 AND AWS

Provides Lincoln Electric Partner School (LEEPS) instruction in welding safety (OSHA), introduction and orientation to the welding industry, and the various cutting processes used. The course provides an in-depth study of welding hazards and discusses safety data sheets (SDS) along with common safety procedures. Weld joints and weld positions are studied. Students learn the proper names of the parts of a weld and are able to identify good welds and point out defects in bad welds. Students learn basic metal identification and metallurgy. Students learn the names of common metal shapes. The course covers weld and metal testing techniques used in the industry along with a discussion of welding certification, job opportunities, business opportunities and state and contractor licensing requirements. Students develop Shielded Metal Arc Welding skills in the 1-4 welding positions in preparations for SMAW certification.

COURSE TITLE: SHIELDED METAL ARC WELDING (SMAW) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Introduction to Welding
GRADE LEVELS: 10, 11, or 12
CREDITS: 1
INDUSTRY CERTIFICATIONS: LEEPS/NC3 AND AWS

Provides students with instruction and skill development utilizing the shielded metal arc welding process. Students will demonstrate the basic techniques of arc welding. Course includes electrode classification and welding nomenclature. Teaches the necessary metallurgy for these procedures and emphasizes the safety requirements of these techniques. Students will weld common joints in all positions using a variety of different steel thicknesses and electrodes. Course also includes instruction, skill development, and certification in the Plasma Arc and Air Carbon Arc Thermal Cutting Processes. Welding skill will be developed through the use of practice welding along with shop projects leading ultimately to AWS/Lincoln Electric NC3 Advanced SMAW Certifications.

COURSE TITLE: GAS METAL ARC WELDING (GMAW)/FABRICATION (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Introduction to Welding and SMAW
GRADE LEVELS: 11 or 12
CREDITS: 1
INDUSTRY CERTIFICATIONS: LEEPS/NC3 AND AWS

Provides students with instruction and skill development utilizing the Gas Metal Arc Welding process. Students will demonstrate the basic techniques of GMAW welding. Acquaints students with the various types of GMAW gasses and machine settings that are used to change from one type of metal transfer to another. Students study the electrode classification system. Students will weld a variety of metal types and thicknesses with the GMAW wire. Welding will be done in all positions. Along with practice exercises, students must participate in shop projects. Welding skills will be developed through the use of practice welding along with shop projects leading ultimately to AWS/Lincoln Electric NC3 GMAW Certifications.

COURSE TITLE: FLUX CORE ARC WELDING (FCAW) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Introduction to Welding and SMAW
GRADE LEVELS: 11 or 12
CREDITS: 1
INDUSTRY CERTIFICATIONS: LEEPS/NC3 AND AWS

Provides students with instruction and skill development utilizing the Flux Core Arc Welding process. Students will demonstrate the basic techniques of FCAW welding. Acquaints students with the various types of FCAW gasses and machine settings that are used to change from one type of metal transfer to another. Students study the electrode classification system. Students will weld a variety of metal types and thicknesses with the FCAW wire. Welding will be done in all positions. Along with practice exercises, students must participate in shop projects. Welding skills will be developed through the use of practice welding along with shop projects leading ultimately to AWS/Lincoln Electric NC3 GMAW Certifications.

Machine Career Pathway Description

COURSE TITLE:	INTRODUCTION TO MACHINING
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	None
GRADE LEVELS:	10, 11, or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	SNAP-ON AND NIMS

This one-year course is designed to provide students with the skills and knowledge to be effective in a production setting as a machinist. Students will learn precision measurement techniques. How to interpret and execute written and visual instructions in the form of step-by-step instructions or working drawings. Material selection and layout and safe operating practices.

Students will use Engine Lathe, Vertical Milling Machines, Drill Presses, Power Cutting Equipment, Grinding Tools as well as a wide variety of hand tools associate with this industry.

Time permitting, there will be a brief introduction to CNC machining techniques and procedures.

This is a MATH INTENSIVE COURSE. Students will become familiar with fractional and decimal measurement.

COURSE TITLE:	CTE INTERNSHIP/APPRENTICESHIP MANUFACTURING
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	COMPLETION OF A PATHWAY
GRADE LEVELS:	11 or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	NONE

The CTE manufacturing intemship/apprenticeship is a highly structured hands-on experience providing career preparation in which students work within the community alongside an industry partner to participate in and observe work first hand. A CTECH manufacturing Intemship/Apprenticeship allows for additional development of career and technical competencies within the manufacturing career field. Intemships/Apprenticeships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks.

INFORMATION TECHNOLOGY

Information Technology Career Pathway Description

The information technology field combines communications, electronics, networking, and computing and is great for students who enjoy working with computers. If this sounds like a field that interests you, why not check out all of your career options in information technology. Some of the many specialties from which to choose include computer hardware, networking, software programs, programming languages, robotics, multimedia distribution, information systems and digital media. These courses provide opportunities for hands-on learning, leadership and personal skills in real-world environment while obtain nationally recognized certifications.

Coding Career Pathway

COURSE TITLE: COMPUTER SCIENCE PRINCIPLES DUAL CREDIT (ONE SEMESTER)

GRADUATION REQUIREMENT MET: MATH
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: 1
INDUSTRY CERTIFICATIONS: ORACLE CERTIFIED PROFESSIONAL JAVA SE 8 PROGRAMMER

This course is designed to develop computational thinking abilities, expand knowledge of career paths that utilize computing, and introduce professional tools that foster creativity and collaboration using the Python language. Students will explore computational thinking as they program using Python. Students will gain an understanding of programming through hands-on activities, projects, and problems that are reflective of real-world challenges as they explore topics such as creativity, the Internet of Things, data science, and technology of the future. Upon completion of this course, students will be ready to take the AP Computer Science A exam.

COURSE TITLE: AP COMPUTER SCIENCE A (ONE SEMESTER)

GRADUATION REQUIREMENT MET: MATH
PREREQUISITE: Computer Science Principles
GRADE LEVELS: 10, 11, or 12
CREDITS: 1
INDUSTRY CERTIFICATIONS: CERTIFIED ENTRY-LEVEL PYTHON PROGRAMMER

Students will engage in hands-on activities, projects, and problems that are reflective of real-world challenges. Students will gain an understanding of programming through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Students will learn object-oriented programming and design using the Java programming language. Upon completion of this course, students will be ready to take the AP Computer Science Principles exam.

COURSE TITLE: APPLIED CODING (ONE SEMESTER)

GRADUATION REQUIREMENT MET: ELECTIVE
PREREQUISITE: Computer Science Principles and Computer Science A
GRADE LEVELS: 11 or 12
CREDITS: 1
INDUSTRY CERTIFICATIONS: NONE

Using Java script learned in CSA and Python learned in CSP to code drones that will prepare learners for the drone-filled future. From applying algebra and geometry in flight missions to exploring Python and JavaScript programming, this course will put the power of flight into the hands of learners. Student will be applying multiple coding languages and working with top-of-the-line mini drones. Subject Targets: Technology, Robotics, and Coding.

COURSE TITLE: UNIVERSAL ROBOTICS (ONE SEMESTER)

GRADUATION REQUIREMENT MET: ELECTIVE
PREREQUISITE: NONE
GRADE LEVELS: 11 or 12
CREDITS: 1
INDUSTRY CERTIFICATIONS: IACET

Students learn cobot programming to use to operate robotics and build actual industrial applications. Completion of this course offers students instant employability and a Universal Robots industry-recognized certification. Students will be able to embrace the world of machine learning, smart factories, and human-machine collaboration.

COURSE TITLE: VIDEO GAME DEVELOPMENT

GRADUATION REQUIREMENT MET: ELECTIVE
PREREQUISITE: COMPUTER SCIENCE PRINCIPLES AND COMPUTER SCIENCE A
GRADE LEVELS: 10, 11, or 12
CREDITS: 2
INDUSTRY CERTIFICATIONS: UNITY USER: ARTIST AND PROGRAMMER AND UNITY CERTIFIED ASSOCIATE: GAME DEVELOPER

This course will be taught in two parts. Semester one is Game Development I. Game development teaches C# coding and game design with the Unity 3D Engine using a project-based approach. Beginning with little to no coding experience, students build their knowledge of C# and Unity by creating multiple full-featured games combining 3D models, animation, audio files and scripts. Upon course completion, students will have the ability to create a 3D game from scratch on their own. Semester two is Game Development II. Game Development II covers the full game development lifecycle, from design to asset creation to coding tools and behaviors.

COURSE TITLE:	CTE INTERNSHIP/APPRENTICESHIP INFORMATION TECHNOLOGY
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	COMPLETION OF A PATHWAY
GRADE LEVELS:	11 or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	NONE

The CTE information technology internship/apprenticeship is a highly structured hands-on experience providing career preparation in which students work within the community alongside an industry partner to participate in and observe work first hand. A CTECH information technology Internship/Apprenticeship allows for additional development of career and technical competencies within the information technology career field. Internships/Apprenticeships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks.

Fundamental Career Pathway

COURSE TITLE: INTRODUCTION TO FUNDAMENTALS (ONE SEMESTER)

GRADUATION REQUIREMENT MET:	ELECTIVE
PREREQUISITE:	None
GRADE LEVELS:	10, 11, or 12
CREDITS:	1
INDUSTRY CERTIFICATIONS:	COMP TIA FUNDAMENTALS

The IT Fundamentals course focuses on the essential IT skills and knowledge needed to perform tasks commonly performed by advanced end-users and entry-level IT Professionals alike, including:

- *Using features and functions of common operating systems and establishing network connectivity
- *Identifying common software applications and their purpose
- *Using security and web browsing best practices

This course is a course intended for individuals interested in pursuing professional-level certifications, such as A+, Network+, and Security+.

COURSE TITLE: INTRODUCTION TO A+ (ONE SEMESTER)

GRADUATION REQUIREMENT MET:	ELECTIVE
PREREQUISITE:	Introduction to Fundamentals
GRADE LEVELS:	10, 11, or 12
CREDITS:	1
INDUSTRY CERTIFICATIONS:	COMP TIA A+

- *This course is designed to prepare students to take the A+ certifications.
- *Demonstrate baseline security skills for IT support professionals.
- *Configure device operating systems, including Windows, Mac, Linux, Chrome OS, Android and iOS administer client-based, as well as, cloud-based (SaaS) software.
- *Troubleshoot and problem-solve core service and support challenges while applying best practices for documentation, change management, and scripting.
- *Support basic IT infrastructure and networking.
- *Configure and support PC, mobile and IoT device hardware.
- *Implement basic data backup and recovery methods and apply data storage and management best practices.

COURSE TITLE: INTRODUCTION TO NETWORK+ (ONE SEMESTER)

GRADUATION REQUIREMENT MET:	ELECTIVE
PREREQUISITE:	Introduction to Fundamentals and Intro to A+
GRADE LEVELS:	11 or 12
CREDITS:	1
INDUSTRY CERTIFICATIONS:	COMP TIA NETWORK+

Network+ validates the technical skills needed to securely establish, maintain and troubleshoot the essential networks that businesses rely on. Network+ prepares candidates to support networks on any platform. Successful completion of this course will allow students to take the Network+ Exam.

COURSE TITLE: INTRODUCTION TO SECURITY+ (ONE SEMESTER)

GRADUATION REQUIREMENT MET:	ELECTIVE
PREREQUISITE:	Introduction to Fundamentals, Intro to A+, and Intro to Network+
GRADE LEVELS:	11 or 12
CREDITS:	1
INDUSTRY CERTIFICATIONS:	COMP TIA NETWORK+

Security+ establishes the core knowledge required of any cybersecurity role and provides a springboard to intermediate-level cybersecurity jobs. Security+ incorporates best practices in hands-on troubleshooting, ensuring candidates have practical security problem-solving skills required to:

- ***Assess** the security posture of an enterprise environment and recommend and implement appropriate security solutions.
- ***Monitor and secure** hybrid environments, including cloud, mobile, and IoT.
- ***Operate** with an awareness of applicable laws and policies, including principles of governance, risk, and compliance.
- ***Identify, analyze, and respond** to security events and incidents.

Digital Media Career Pathway

COURSE TITLE: INTRODUCTION TO DIGITAL MEDIA 1

GRADUATION REQUIREMENT MET: ELECTIVE
PREREQUISITE: Microsoft Office Suggested
GRADE LEVELS: 10, 11, or 12
CREDITS: 2
INDUSTRY CERTIFICATIONS: DAVINCI RESOLVE BEGINNER

This course provides an introduction to three of Adobe's major software applications, Photoshop, Lightroom Classic, and InDesign, which are essential in creating artwork, organizing and editing photos, designing promotional materials, websites and more. Fall Semester: Students will learn the basics of photography and composition, file management, digital safety, publication design, and professional ethical standards. Spring Semester: Students will learn InDesign and the basics of video production and editing. Upon completion of the three-year pathway, students will have the opportunity to earn professional certificates in both adobe and DaVinci Resolve programs.

COURSE TITLE: DIGITAL MEDIA 2

GRADUATION REQUIREMENT MET: ELECTIVE
PREREQUISITE: Introduction to Digital Media 1
GRADE LEVELS: 10, 11, or 12
CREDITS: 2
INDUSTRY CERTIFICATIONS: DAVINCI RESOLVE CERTIFIED PROFESSIONAL: BEGINNER AND DAVINCI RESOLVE CERTIFIED PROFESSIONAL: EDITOR, ADOBE CERTIFIED PROFESSIONAL: PHOTOSHOP AND INDESIGN

This course builds on the skills learned in Introduction to Digital Media 1 and introduces students to the concepts, theory, and practical knowledge of advanced photography, video production, and digital video editing in contemporary media and environments. The goal of the course is to develop students' understanding of the historical and creative contexts that contribute to digital video production and editing practice through lessons and hands-on experiences while giving students real-world connections to organizations within the community. Students will explore production and post-production processes, methods, and techniques in both broadcast and film. Students will plan, record, and broadcast daily video announcements.

CONSTRUCTION & ARCHITECTURE

Construction and Architecture Career Pathway Description

From drawing the plans, framing, to electrical, to the HVAC, and the plumbing, it takes many different kinds of skilled workers to make a new building habitable. The Construction & Architecture pathway gives students a chance to explore several careers in building trades. With opportunities to operate cranes and/or forklifts, pour concrete, and frame buildings, students will get a chance to work with their hands and experience “on the job” training to build structures. Students will obtain industry nationally recognized certifications and hours toward their journeyman license within this pathway.

Construction Career Pathway

COURSE TITLE:	INTRODUCTION TO CONSTRUCTION
GRADUATION REQUIREMENT MET:	ELECTIVE
PREREQUISITE:	None
GRADE LEVELS:	10, 11, or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	NONE

The intro to construction course is designed to provide students with the skills necessary to be employable in construction-related fields. Students completing this program will have tangible hands-on experience as well as a solid knowledge base of how the construction workflow progresses through the stages of a particular job. Students will rotate through the construction trade topic to include carpentry, electrical, HVAC and Plumbing. Students will learn the fundamentals of the trade topics, topic safety, use of hand tools and power tools specific to each topic. Students will participate in projects that are industry based. This course leads into a second-year course pathway where students will specialize in the construction trade of their choice.

COURSE TITLE:	CARPENTRY 1
GRADUATION REQUIREMENT MET:	ELECTIVE
PREREQUISITE:	Introduction to Construction
GRADE LEVELS:	11 or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	SNAP-ON, NCCER, AND OSHA 10

- *Safety
- *Construction Math
- *Tape Measure
- *Hand and Power Tools
- *Scaffolds, Ladders, and Rigging
- *Blueprint Reading, Specifications, and Codes
- *Building Materials
- *Floor and Stair Systems
- *Wall Systems
- *Ceiling Joist and Roof Framing

This course is designed to give students knowledge in the residential carpentry industry. Students will learn blueprint reading, floor layout, wall and ceiling framing, roof framing, basic stair construction and finish carpentry techniques. Students will participate in hands-on project-based learning that will prepare them for entry level carpentry jobs.

COURSE TITLE:	ELECTRICITY 1
GRADUATION REQUIREMENT MET:	ELECTIVE
PREREQUISITE:	Introduction to Construction
GRADE LEVELS:	11 or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	SNAP-ON, NCCER, AND OSHA 10

- *Safety
- *Hand and Power Tools
- *Electrical Measurement and Testing Equipment
- *Electrical Energy Fundamentals
- *Print Reading, Specifications, and Codes
- *Conductors
- *Cable Systems

This course is designed to give students knowledge of the electrical circuitry that may be found in residential wiring. Students learn to apply the National Electrical Code, electrical theory, terminology, fundamentals of energy, blueprint reading, wiring techniques, conductor and cable systems. This course offers students hands-on training in the wiring of residential homes and safe wiring practices. Students will participate in hands-on project-based learning that will prepare them for entry level Electrician jobs.

COURSE TITLE:	HVAC-R I
GRADUATION REQUIREMENT MET:	ELECTIVE
PREREQUISITE:	Introduction to Construction
GRADE LEVELS:	11 or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	SNAP-ON, NCCER, AND OSHA 10
	<ul style="list-style-type: none"> *Intro to HVAC-R *Trade Mathematics *Basic Electricity *Introduction to Heating *Introduction to Cooling *Air Distribution Systems *Copper and Plastic Piping Practices *Soldering and Brazing

This course is designed to give students knowledge in the residential Heating, Ventilation, Air Conditioning and Refrigeration (HVAC-R) industry. Students will learn trade mathematics, basic electricity, heating, cooling, air distribution, and a variety of piping and soldering practices. Students will participate in hands-on project-based learning that will prepare them for entry level HVAC-R Technician jobs.

COURSE TITLE:	PLUMBING I
GRADUATION REQUIREMENT MET:	ELECTIVE
PREREQUISITE:	Introduction to Construction
GRADE LEVELS:	11 or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	SNAP-ON, NCCER, AND OSHA 10
	<ul style="list-style-type: none"> *Safety *Tools *Mathematics for Plumbers *Print Reading and Sketching *Building and Plumbing Codes *Soldering, Brazing, and Welding *Copper Tube and Fittings *Plastic Pipe and Fittings *Cast Iron Pipe and Fittings *Steel Pipe and Fittings *Plumbing Fixtures *Drain, Waste, and Vent (DWV) *Water Distribution Systems

This course is designed to give students knowledge in the residential Plumbing industry. Students will learn trade mathematics, blueprint reading, plumbing codes, piping and joining systems, drain, waste, and venting, water distribution systems and plumbing fixtures. Students will participate in hands-on project-based learning that will prepare them for entry level plumbing jobs.

Architecture Career Pathway

COURSE TITLE:	ARCHITECTURE I (ITV COURSE THROUGH DACC)
GRADUATION REQUIREMENT MET:	ELECTIVE
PREREQUISITE:	Introduction to Construction and Algebra 2 or higher
GRADE LEVELS:	11 or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	SNAP-ON, NCCER, AND OSHA 10

This course is designed to give students an introduction into the study of Building and Design. Students will learn the basics of mechanical drawing, blueprint reading, surveying, scale, and other essential elements of Architecture. Students interested in pursuing a career in architecture or engineering are encouraged to take this course. This course is intended for students who are currently taking a math course at the level of Algebra 2 or higher.

COURSE TITLE:	CTE INTERNSHIP/APPRENTICESHIP CONSTRUCTION
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	COMPLETION OF A PATHWAY
GRADE LEVELS:	11 or 12
CREDITS:	2
INDUSTRY CERTIFICATIONS:	NONE

The CTE construction internship/apprenticeship is a highly structured hands-on experience providing career preparation in which students work within the community alongside an industry partner to participate in and observe work first hand. A CTECH construction Internship/Apprenticeship allows for additional development of career and technical competencies within the construction career field. Internships/Apprenticeships allow students to observe and participate in daily operations, develop direct contact with job personnel, ask questions about particular careers, and perform certain job tasks.

FINE ARTS

MUSIC

Robert Shaw said, "In a world of political, economic, and personal disintegration, music is not a luxury but a necessity, not simply because it is therapeutic nor because it is the "universal language," but because it is the persistent focus of man's intelligence, aspiration, and good will."

COURSE TITLE:	BAND 2
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Band participation in 9 th grade or instructor approval
GRADE LEVELS:	10, 11, or 12
CREDITS:	.5 per semester

During the 12-14 weeks of marching season there is a single marching band which performs at football games, parades, and marching band contests. Rehearsals begin in mid-July and early rehearsals are held daily during the season. Additional morning rehearsals will be called as needed. During the remaining 22-24 weeks, the band is divided by audition into Symphonic and Concert bands, and time is devoted to the study of tone production, fundamentals of music and the study, rehearsal and performance of concert band literature. For all bands, satisfactory participation in rehearsals and performances outside of class time is required and will be used in part to determine the student's grade. Membership in the "Taskervitch" pep band is by audition. Participation in solo and ensemble festival, all-district band auditions, and all-state band auditions is optional. Participation in Symphonic band and all festivals, competitions, and contests in which Symphonic Band performs is required. Other annual awards include the Outstanding Band Member Award, the John Buhalts Memorial Award for individual achievement, and the John Philip Sousa Award. Some school-owned instruments are available on a loan basis.

COURSE TITLE:	BAND 3
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Band participation in 9 th grade or instructor approval
GRADE LEVELS:	11 or 12
CREDITS:	.5 per semester

This course will continue the student's musical education through marching and concert instruction. Students will have an opportunity to compete at local and state levels.

COURSE TITLE:	BAND 4
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Band participation in 9 th grade or instructor approval
GRADE LEVELS:	12
CREDITS:	.5 per semester

Students will participate in advanced instruction in marching and concert performance. Competition at local and state levels is encouraged.

COURSE TITLE:	PIANO 1
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	None
GRADE LEVELS:	10, 11, or 12
CREDITS:	.5 per semester
CLASS SIZE LIMIT:	Class size is limited to the number of pianos

This group piano class is designed for students seeking to learn to play the piano or to increase their piano skills. Through participation in piano, the student will gain understanding of piano, fundamental music theory, composition, music history, and music appreciation. Students will have a class performance each 9-weeks.

COURSE TITLE:	PIANO 2
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Piano 1
GRADE LEVELS:	10, 11, or 12
CREDITS:	.5 per semester
CLASS SIZE LIMIT:	Class size is limited to the number of pianos

This group piano class is designed for students seeking to learn to play the piano or to increase their piano skills. Through participation in piano, the student will gain understanding of piano, fundamental music theory, composition, music history, and music appreciation. Students will have a class performance each 9-weeks.

COURSE TITLE:	PIANO 3
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Piano 2
GRADE LEVELS:	10, 11, or 12
CREDITS:	.5 per semester
CLASS SIZE LIMIT:	Class size is limited to the number of pianos

This group piano class is designed for students seeking to learn to play the piano or to increase their piano skills. Through participation in piano, the student will gain understanding of piano, fundamental music theory, composition, music history, and music appreciation. Students will have a class performance each 9-weeks.

VOCAL MUSIC

It is important that every student has the opportunity to develop his or her vocal skills and musical potential. A good way to begin this development is through regular choral singing. Participation in choral ensemble singing promotes a strong sense of self-worth, individual confidence, and community while creating an environment where students are challenged to work hard in a pursuit of academic and musical excellence.

COURSE TITLE: CHORALE 1
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This entrance choir for grades 10, 11, and 12 consists mainly of 10th grade students in training for A Cappella and Treble Tones Choirs. Repertoire will be selected from a variety of styles and will represent the various periods of music history. Included is the study of harmony, ear training, rhythmic exercises, and sight singing as performance level dictates. Chorale will participate in public performances and district Music Performance assessment in the spring and will be required as part of their grade. Participation in district solo and ensemble choir festivals, and All-State Choir auditions will be on a volunteer basis. Participation in performances outside of school time will constitute a part of this course and will be used in determining the student's grade.

COURSE TITLE: CHORALE 2
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

This entrance choir consists mainly of students in training for A Cappella and Treble Tones Choirs. Repertoire will be selected from a variety of styles and will represent the various periods of music history. Included is the study of harmony, ear training, rhythmic exercises, and sight singing as performance level dictates. Chorale will participate in public performances and district Music Performance assessment in the spring and will be required as part of their grade. Participation in district solo and ensemble choir festivals, and All-State Choir auditions will be on a volunteer basis. Participation in performances outside of school time will constitute a part of this course and will be used in determining the student's grade.

COURSE TITLE: CHORALE 3
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 12
CREDITS: .5 per semester

This entrance choir consists mainly of students in training for A Cappella and Treble Tones Choirs. Repertoire will be selected from a variety of styles and will represent the various periods of music history. Included is the continued study of harmony, ear training, rhythmic exercises, and sight singing as performance level dictates. Chorale will participate in public performances and district Music Performance assessment in the spring and will be required as part of their grade. Participation in district solo and ensemble choir festivals, and All-State Choir auditions will be on a volunteer basis. Participation in performances outside of school time will constitute a part of this course and will be used in determining the student's grade.

COURSE TITLE: A CAPPELLA 1
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: by audition and travel eligibility requirement
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This choir is for students who qualify through past music experience for an advanced course in vocal music. An audition will be given to each student entering the class. Class work will consist of choir repertoire representing the various periods of music history. There will also be a study in harmony, ear training, rhythmic exercises, and sight reading on an advanced level. The students of A Cappella choir participate in public performances, and are **required** to participate in district solo and ensemble and choir festivals, submit an All-State Choir audition and participate in graduation ceremonies. The A Cappella Choir performs at District Music Performance Assessment and, upon qualification, represents Hobbs Municipal Schools at the State Music Competition. Some students will be assigned to small ensemble where there will be an opportunity for individual training. Participation in performances outside of school time will constitute a part of this course and will be used in determining the student's grade.

COURSE TITLE: A CAPPELLA 2
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: by audition and travel eligibility requirement
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

This choir is for students who have satisfactorily completed at least one year of vocal music in high school, or who have otherwise qualified through past music experience for an advanced course in vocal music. An audition will be given to each student entering the class. The students will continue learning and performing more advanced rudiments of vocal performance and technique. Class work will consist of advanced choir repertoire representing the various periods of music history. There will also be continued study in harmony, ear training, rhythmic exercises, and sight reading on an advanced level. The students of A Cappella choir participate in public performances, and are required to participate in district solo and ensemble and choir festivals, submit an All-State Choir audition, and participate in graduation ceremonies. The A Cappella Choir performs at District Music Performance Assessment and, upon qualification, represents Hobbs Municipal Schools at the State Music Competition. Some students will be assigned to small ensemble where there will be an opportunity for individual training. Participation in performances outside of school time will constitute a part of this course and will be used in determining the student's grade.

COURSE TITLE: **A CAPPELLA 3**
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: by audition and travel eligibility requirement
GRADE LEVELS: 12
CREDITS: .5 per semester

This choir is for students who have satisfactorily completed at least two years of vocal music in high school, or who have otherwise qualified through past music experience for an advanced course in vocal music. An audition will be given to each student entering the class. Class work will consist of advanced choir repertoire representing the various periods of music history. There will also be advanced study in harmony, ear training, rhythmic exercises, and sight reading on an advanced level. The students of A Cappella choir participate in public performances, and are required to participate in district solo and ensemble and choir festivals, submit an All-State Choir audition, and participate in graduation ceremonies. The A Cappella Choir performs at District Music Performance Assessment and, upon qualification, represents Hobbs Municipal Schools at the State Music Competition. Some students will be assigned to small ensemble where there will be an opportunity for individual training. Participation in performances outside of school time will constitute a part of this course and will be used in determining the student's grade.

COURSE TITLE: **MUSIC**
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This music class is for students to learn and demonstrate knowledge of basic music skills through rhythm instruments, song, and movement.

ART

There are three levels of art courses offered with an opportunity for the serious-minded art student to develop a portfolio for possible college credit at the third level. Admission to each advanced class will be determined on the basis of individual portfolio reviews each spring semester by a board of art instructors with priority given to those students who intend to complete the second and third levels.

COURSE TITLE: **ART FUNDAMENTALS**
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course will offer a comprehensive foundation in the basic areas of art with an emphasis on drawing and the principles and elements of design. It is tailored to stimulate creative and critical thinking, to encourage students to work experimentally, and to explore the possibilities of a variety of art materials. Art Fundamentals should foster original work as well as promote an awareness of art history and its relationship to our vast cultural heritage which is essential for an understanding and appreciation of art today. Activities will include drawing, painting, sculpture, printmaking, ceramics, and art appreciation.

COURSE TITLE: **ART FUNDAMENTALS/PRE-AP**
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, 12
CREDITS: .5 per semester

Art Fundamentals/Pre-AP is the beginning class for students planning to continue in art throughout high school, working toward the submission of an AP portfolio during the senior year. Along with an emphasis on drawing and the elements and principles of design, students will be introduced to the AP Portfolio requirements. The class will foster original work while developing good craftsmanship and a realization that the creative process requires time, dedication and working to one's full potential. Activities will include drawing, painting, sculpture, printmaking, ceramics and art appreciation.

COURSE TITLE: **ART MATERIALS AND THEORY/HONORS**
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: C or better in Pre-AP Art Fundamentals or Teacher Recommendation
GRADE LEVELS: 10, 11, 12
CREDITS: .5 per semester
CLASS SIZE LIMIT: 28

The focus of Material and Theory will be on the improvement of technical and ideation skills through the completion of various projects in a wide variety of media and techniques. The students will become familiar with the portfolio requirements for the advanced art classes and gain a greater understanding of the creative process involved in building a portfolio with emphasis on revision, reflection, and experimentation. The students will also become familiar with the use of visual journaling as both a learning and ideations process and on various art making theories.

COURSE TITLE: **AP STUDIO ART: DRAWING (STUDIO ART DRAWING 1/AP)**
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Portfolio Review
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

This class is designed to address a wide range of drawing activities and media. Drawing, painting, printmaking and mixed media will be included. Works will include direct observation, abstract drawings, and drawings from imagination. Students are expected to show advanced technical and creative skills in drawing. Students must create 15 original works to complete the AP Drawing Portfolio, which all students are required to submit in May. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses.

COURSE TITLE: AP STUDIO ART: DRAWING (STUDIO ART DRAWING 2/AP)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Portfolio Review
GRADE LEVELS: 12
CREDITS: .5 per semester

This class is offered for second year Studio Art students who wish to complete a second AP Art Portfolio with the focus on drawing. Students are expected to show continuation of advanced technical and creative skills. 15 original works must be created to complete the AP Drawing Portfolio, which all students are required to submit in May. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses.

COURSE TITLE: AP STUDIO ART: 2-D DESIGN (STUDIO ART 2-D DESIGN 1/AP)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Portfolio Review
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

This class is best suited to students whose interest and artistic aptitudes are primarily in 2-D design. Areas of interest can include, but are not limited to: graphic design, typography, fashion design, collage, fabric design, weaving, illustrations, printmaking, photography, and digital imaging. Students are expected to show advanced technical and creative skills in 2-D design using a variety of forms and methods. Students must complete 15 original works that address design problems and principles and elements of art required in the AP 2-D Design Portfolio, which all students are required to submit in May. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses.

COURSE TITLE: AP STUDIO ART: 2-D DESIGN (STUDIO ART 2-D DESIGN 2/AP)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Portfolio Review
GRADE LEVELS: 12
CREDITS: .5 per semester

This class is offered for second year Studio Art students who wish to complete a second AP Art Portfolio with the focus on 2-D design. Students are expected to show a continuation of advanced technical and creative skills. 15 original works will be created to complete the AP 2-D Design Portfolio, which all students are required to submit in May. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses.

COURSE TITLE: AP STUDIO ART: 3-D DESIGN (STUDIO ART 3-D DESIGN 1/AP)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Portfolio Review
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

This class is intended to address a broad interpretation of sculptural issues concerning depth and space. Works completed throughout the year may include traditional sculpture, paper, architectural models, fashion and apparel, ceramics, 3-D fiber arts, metal work, and found objects. The student must complete the AP 3-D Design Portfolio, including 18 original works, which all students are required to submit in May. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses.

COURSE TITLE: AP STUDIO ART: 3-D DESIGN (STUDIO ART 3-D DESIGN 2/AP)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Portfolio Review
GRADE LEVELS: 12
CREDITS: .5 per semester

This class is offered for second year Studio Art students who wish to complete a second AP Art Portfolio with the focus on 3-D design. Students are expected to show a continuation of advanced technical and creative skills. Eighteen (18) original works will be created to complete the AP 3-D portfolio, which all students are required to submit in May. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses.

COURSE TITLE: THEATRE 1 (BEGINNING)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9, 10, 11, or 12
CREDITS: .5 per semester

This entry level theatre class is designed for students seeking to become part of Studio Theatre. Through participation in dramatic activities, the student will gain understanding of the stage, set building and design, the history of theatre, and develop their performance techniques as an actor. Theatre 1 students will have their own performance once a year in which everyone in the class is required to participate. This participation entails some outside of school time which will constitute a part of this course and will be used in determining the student's grades.

COURSE TITLE: THEATRE 2 (INTERMEDIATE)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Theatre 1
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course is designed to further enhance students' involvement in theatre with a more in depth look at characterization and performance techniques. Students will continue to learn about state work including set construction, basic stage lighting, and scene design. Students will play an integral role in the production of the annual musical and the annual play. In addition, these students will gain a better understanding of characterization, team building, and the creation of a story through advanced work in improvisation and acting. Students will be graded regularly on their ability to create character and analyze script by the memorization and presentation of individual monologues and partnered scenes for class. This participation entails some outside of school time which will constitute a part of this course and will be used in determining the student's grades.

COURSE TITLE: THEATRE 3 (INTERMEDIATE)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Theatre 1
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

This course is designed to further enhance students' involvement in theatre with a more in depth look at characterization and performance techniques. Students will continue to learn about state work including set construction, basic stage lighting, and scene design. Students will play an integral role in the production of the annual musical and the annual play. In addition, these students will gain a better understanding of characterization, team building, and the creation of a story through advanced work in improvisation and acting. Students will be graded regularly on their ability to create character and analyze script by the memorization and presentation of individual monologues and partnered scenes for class. This participation entails some outside of school time which will constitute a part of this course and will be used in determining the student's grades.

COURSE TITLE: STUDIO THEATRE 1 PRE-AP (ADVANCED)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: One year of theatre, by audition only
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

Auditions will be held in the spring and will require both a comedic and a dramatic monologue to be performed for the instructor (not to exceed 2 minutes each in length). Studio Theatre students will participate in One Act Play Competition, stage performances for various groups of students on campus and off as well as groups within the community, and take in depth looks at staging, theatre design, devising theatre, and immersive theatre through the College Board program. Participation in some capacity for major school productions will be expected; therefore, after school and weekend rehearsals will be required for this class.

COURSE TITLE: STUDIO THEATRE 2 PRE-AP (ADVANCED)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: One year of theatre, by audition only
GRADE LEVELS: 12
CREDITS: .5 per semester

Auditions will be held in the spring and will require both a comedic and a dramatic monologue to be performed for the instructor (not to exceed 2 minutes each in length). Studio Theatre students will participate in One Act Play Competition, stage performances for various groups of students on campus and off as well as groups within the community, and take in depth looks at staging, theatre design, devising theatre, and immersive theatre through the College Board program. Participation in some capacity for major school productions will be expected; therefore, after school and weekend rehearsals will be required for this class.

COURSE TITLE: MUSICAL THEATRE

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course is for the student that is interested in Musical Theatre- both on stage and "behind the scenes". Students will have the opportunity to rehearse, perform, direct, and choreograph/stage various scenes and shows from the Broadway genre. All students are expected to both perform and direct/produce. Performance will be both in-class and "main stage" productions. Performances are required for all students.

LANGUAGE ARTS

The normal sequence of the courses in English is as follows:

9 th	10 th	11 th	12 th
Eng 1/Pre-AP	Eng 2/Pre-AP	Eng 3/AP	Eng 4/AP
Eng 1	Eng 2	Eng 3 Comp I	Eng 4 Comp II

COURSE TITLE: ENGLISH 2/PRE-AP

GRADUATION REQUIREMENT MET: English

PREREQUISITE: English 1/Pre-AP recommended

GRADE LEVELS: 10

CREDITS: .5 per semester

This course provides an in-depth study of the art of language to persuade, to inform, and to entertain. Various works of fiction, poetry, drama, and non-fiction will be studied with an emphasis on close observation and analysis, evidence-based writing, higher-order questioning, and academic conversation.

COURSE TITLE: ENGLISH 2

GRADUATION REQUIREMENT MET: English

PREREQUISITE: None

GRADE LEVELS: 10

CREDITS: .5 per semester

This course provides an overview of the components of literature as well as written and oral communication. Literary works will include fiction, drama, poetry, and non-fiction. Writing instruction will focus on the structure of language and the refinement of skills such as clarity, precise word choice, and grammar.

COURSE TITLE: AP ENGLISH LANGUAGE AND COMPOSITION (ENGLISH 3 AP)

GRADUATION REQUIREMENT MET: English

PREREQUISITE: A passing grade in English 2/Pre-AP strongly recommended

GRADE LEVELS: 11

CREDITS: .5 per semester

This course will provide an in-depth study of the finest writers and writings of American Literature. The best non-fiction prose and drama of the 17th through the 20th centuries will be emphasized. Occasional novels, plays, and nonfiction will be studied to supplement the text. Emphasis will be made on fundamental composition skills in order to increase the student's ability to communicate more effectively. A general review of grammar and composition skills will be included to increase the student's ability to communicate more maturely, both in speaking and writing. The major composition efforts will revolve around argument, utilizing the new resources provided by College Board. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. All types of expository writing will be utilized, but the basics of argument will be the cornerstone of all writing. This course will prepare students for the AP English Language and Composition Exam given in May. All students will be required to take this exam.

COURSE TITLE: COMPOSITION I (DUAL CREDIT ENGLISH 3) (EN 113) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: English 3

PREREQUISITE: Minimum of 258 on Next Gen. ACCUPLACER Writing Placement Test

GRADE LEVELS: 11

CREDITS: 1.0

You may NOT enroll in this course unless you meet the Next Gen. ACCUPLACER Writing placement score.

This course offers an introduction to written communication with emphasis on developing college-level paragraphs and essays and meets the English 3 requirement for graduation.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number) and must pass the appropriate ACCUPLACER placement test.

COURSE TITLE: ENGLISH 3

GRADUATION REQUIREMENT MET: English

PREREQUISITE: None

GRADE LEVELS: 11

CREDITS: .5 per semester

This course will be devoted to the chronological presentation of American Literature from the early colonial writers through contemporary twentieth century writers. The value and uniqueness of the American experience will be examined. Composition skills emphasized will include the techniques necessary to write effective paragraphs and the longer (5 paragraph) essay. Emphasis will be placed on the techniques of writing effective expository paragraphs and short essays.

COURSE TITLE: AP ENGLISH LITERATURE AND COMPOSITION (ENGLISH 4 AP)

GRADUATION REQUIREMENT MET: English
PREREQUISITE: A passing grade in AP Language & Composition
GRADE LEVELS: 12
CREDITS: .5 per semester

This course prepares students for success in college and for the AP Exam. This course includes college level writing and reading assignments. Students will use critical analysis and close reading to help deepen their understanding of literature. Close reading includes experience, interpretation, and evaluation of literature. Students in this course will consider structure, style, and themes as well as smaller elements of figurative language, imagery, symbolism, and tone. Writing should illustrate the ability to explain clearly, cogently, and elegantly of what you understand about the work and why you interpret it as you do. List of works studied may include: *Pride and Prejudice*, *Macbeth*, *Hamlet*, *Wuthering Heights*, and contemporary research novels.

COURSE TITLE: COMPOSITION II (DUAL CREDIT ENGLISH 4) (EN 123) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: English 4
PREREQUISITE: EN 113—Composition and Rhetoric
GRADE LEVELS: 12
CREDITS: 1.0

You may NOT enroll in this course unless you meet the Next Gen. ACCUPLACER Writing placement score and have successfully completed Composition and Rhetoric.

As a continuation of EN 113, this course focuses on writing effective paragraphs and essays with an emphasis on reading, analyzing, and researching literary genres: short stories, poetry, drama, novels, and/or essays. This course includes a research project and other writing assignments. This class meets the English 12 graduation requirement.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number) and must pass the appropriate ACCUPLACER placement test.

COURSE TITLE: ENGLISH 4

GRADUATION REQUIREMENT MET: English
PREREQUISITE: None
GRADE LEVELS: 12
CREDITS: .5 per semester

British literature from *Beowulf* through the 20th century will be studied, both for enjoyment and better understanding of literature and ourselves. Poetry, essays, drama, short stories, and novels will be a part of the study. In composition the students will build upon their basic skills, learning to use stylistic devices, variety, vivid language, smoothness, and coherence in written expression. The major writing will be to apply the student's writing skills in a research paper, requiring the utilization of all stylistic devices that the student has acquired throughout their high school career.

AP Capstone

This course is comprised of two AP courses—AP Seminar and AP Research—and is designed to complement and enhance the discipline-specific study in other AP courses. This program equips students with the research, collaborative teamwork, and communication skills that are increasingly valued by colleges. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

COURSE TITLE: AP SEMINAR (YEAR 1)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Teacher Recommendation
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information and accuracy and precision in order to craft and communicate evidence-based arguments. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses.

COURSE TITLE: AP RESEARCH (YEAR 2)
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Successful completion of AP Seminar
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research-based investigation to address a research question.

In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of 4000-5000 words (accompanied by performance or exhibition of product where applicable) and a presentation with an oral defense. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses.

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing will receive the AP Capstone Diploma. This signifies their outstanding academic achievement and attainment of college-level academic and research skills.

Alternatively, students who earn scores of 3 or higher in AP Seminar and AP Research will receive the AP Seminar and Research Certificate signifying their attainment of college-level academic and research skills.

COURSE TITLE: BEGINNING DEBATE
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor Approval
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course offers the student training in writing skills, speaking skills, and speaking techniques. The student will research, write, and present speeches for a variety of audiences. This course also offers the student training in logical and analytical thinking concerning controversial subjects. The student discusses both sides of all issues in cross-examination and Lincoln-Douglas debate. Students will be introduced to several different debate styles.

COURSE TITLE: ADVANCED DEBATE I
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Prior approval by the instructor and successful completion of Beginning Debate
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

The Advanced Debate class will be an extension of Beginning Debate with emphasis on case strategies and critical analysis. **Instructor approval is required.** Students will hone their skills which are centered on research strategies, logic, and reasoning.

COURSE TITLE: ADVANCED DEBATE II
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Prior approval by the instructor and successful completion of Advanced Debate I
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

The Advanced Debate II class will be an extension of Beginning Debate with emphasis on case strategies and critical analysis. **Instructor approval is required.** Students will hone their skills which are centered on research strategies, logic, and reasoning.

COURSE TITLE: YEARBOOK 1
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor Approval
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

Students are regular members of the Sandstorm staff **and must have prior approval from the sponsor.** Each student receives training in all phases of yearbook publishing. Assignments include but are not limited to the following: copy writing, proofreading, paper and computer layout, marketing, ad sales, and photography. Many hours of work outside of school will be required to meet the various deadlines throughout the year. Eligibility must be maintained to remain on staff. Grades are determined by fulfillment of all duties and requirements outlined in the Yearbook contract.

COURSE TITLE: YEARBOOK 2
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor Approval
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

Students are advanced members of the Sandstorm staff **and must have prior approval from the sponsor.** These students will assume roles of responsibility such as Editor, Sports Editor, and Business Manager. Assignments include, but are not limited to the following: ladder layout, budget planning, advanced copy writing, editing, paper and computer layouts, selling ad space and photography. Many hours of work outside of school will be required to meet the various deadlines throughout the year. Those students in roles of responsibility must be willing to return in the summer to assure completion of the book. Eligibility must be maintained to remain on staff. Grades are determined by fulfillment of all duties and requirements outlined in the Yearbook contract.

COURSE TITLE: YEARBOOK3
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor Approval
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

Students are the most advanced members of the Sandstorm staff **and must have prior approval from the sponsor.** These students will assume roles of responsibility such as Editor, Assistant Editor, Sports Editor, and Business Manager. Assignments include, but are not limited to the following: ladder layout, budget planning, advanced copy writing, editing, paper and computer layouts, selling ad space and photography. Many hours of work outside of school will be required to meet the various deadlines throughout the year. Those students in roles of responsibility must be willing to return in the summer to assure completion of the book. Eligibility must be maintained to remain on staff. Grades are determined by fulfillment of all duties and requirements outlined in the Yearbook contract.

COURSE TITLE: CREATIVE WRITING (ONE SEMESTER)
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Passing Grade in English
GRADE LEVELS: 10, 11, or 12
CREDITS: .5
CLASS SIZE LIMIT: 25

Creative writing is a semester long course designed to further develop skills as a writer and help students to hone their ability to communicate effectively with an audience through writing. Throughout the semester they will explore various types of poetry and prose writing. As a class they will publish a poetry magazine featuring their best works from class. Students will be writing every day in class. Students will also stretch their communication skills by presenting writing to the class and learning how to analyze and critique the writings of peers.

LANGUAGE ARTS FOR ENGLISH LANGUAGE LEARNERS

COURSE TITLE: ENGLISH 2
GRADUATION REQUIREMENT MET: English
PREREQUISITE: Score less than a 5.0 on the W-APT (placement test) or less than a 5.0 on the ACCESS (English proficiency test) or instructor approval.
GRADE LEVELS: 10
CREDITS: .5 per semester

This course is offered to students who are English Language Learners. Its purpose is to improve reading, speaking, listening, and comprehension skills and emphasize writing skills in English through sequenced ESL methodology, materials and intermediate grammar instructions. Students will take this class for one year only. English instruction is modified for students who are English language learners.

COURSE TITLE: ENGLISH 3
GRADUATION REQUIREMENT MET: English
PREREQUISITE: Score less than a 5.0 on the W-APT (placement test) or less than a 5.0 on the ACCESS (English proficiency test) or instructor approval
GRADE LEVELS: 11
CREDITS: .5 per semester

This course is offered to students who are English Language Learners. This class will be geared for students who have completed English 2 or are recommended by a counselor or teacher. Its purpose is to improve reading, speaking, listening, and comprehension skills and emphasize writing skills in English through sequenced ESL methodology, materials and intermediate grammar instructions. Students will study American Literature. Students will take this class for one year only. English instruction is modified for students who are English language learners.

COURSE TITLE: ENGLISH 4
GRADUATION REQUIREMENT MET: English
PREREQUISITE: Score less than a 5.0 on the W-APT (placement test) or less than a 5.0 on the ACCESS (English proficiency test) or instructor approval
GRADE LEVELS: 12
CREDITS: .5 per semester

Students will study British literature, poetry, essays, short stories, and novels. This course is offered to students who are English Language Learners. The major emphasis will be writing. Students will be able to apply their writing skills on a research paper. This course will be taught using ESL methodology. English instruction is modified for students who are English language learners.

COURSE TITLE: SPANISH LANGUAGE ARTS 2
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Score less than a 5.0 on the W-APT (placement test) or less than a 5.0 on the ACCESS (English proficiency test) or instructor approval. This class is for Spanish monolingual and ELL students.
GRADE LEVELS: 10
CREDITS: .5 per semester

The student will be placed in the Spanish Language Arts program according to their W-APT or ACCESS for ELLs scores or teacher recommendation. Its purpose is to improve reading, speaking, listening, comprehension skills, and emphasize writing and grammar skills. This course and all assignments are to be completed in Spanish.

COURSE TITLE: SPANISH LANGUAGE ARTS 3

GRADUATION REQUIREMENT MET:

Elective

PREREQUISITE:

Score less than a 5.0 on the W-APT (placement test) or less than a 5.0 on the ACCESS (English proficiency test) or instructor approval. This class is for Spanish monolingual and ELL students.

GRADE LEVELS:

10 or 11

CREDITS:

.5 per semester

The student will be placed in the Spanish Language Arts program according to their W-APT or ACCESS for ELLs scores or teacher recommendation. Emphasis will be placed on writing persuasive, descriptive, narrative, and expository essays. Students will write book reports which are assigned by the teacher. The students will utilize the internet and library resources. This course and all assignments are to be completed in Spanish.

COURSE TITLE: SPANISH LANGUAGE ARTS 4

GRADUATION REQUIREMENT MET:

Elective

PREREQUISITE:

Score less than a 5.0 on the W-APT (placement test) or less than a 5.0 on the ACCESS (English proficiency test) or instructor approval. This class is for Spanish monolingual and ELL students.

GRADE LEVELS:

10, 11, or 12

CREDITS:

.5 per semester

This course will consist of reading a variety of literature written in Spanish. The student will be placed in the Spanish Language Arts program according to their W-APT or ACCESS for ELLs scores or teacher recommendation. The students will also interpret and analyze short stories, poetry, and other works. The students will identify and explain the different literary elements of poetry, short stories, drama, nonfiction, and fiction. This course and all assignments are to be completed in Spanish.

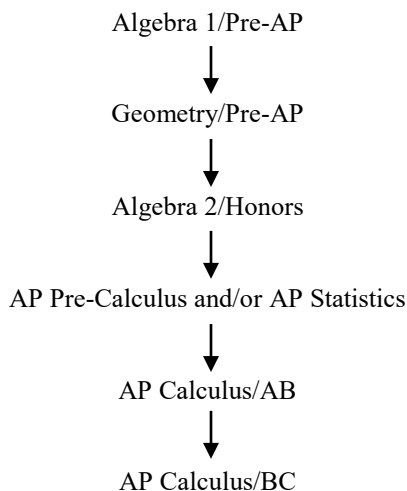
Students who are behind in credits or are lacking required courses will be placed in credit recovery/extended day classes. The following English courses are offered in credit recovery/extended day.

- English 1
- English 2
- English 3
- English 4

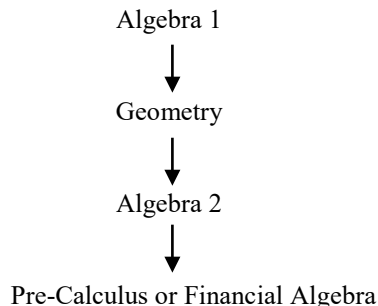
MATHEMATICS

Students in grades nine (9) through twelve (12) must complete four (4) credits in mathematics. In order for a student to achieve Calculus AB as a senior, he/she must complete Algebra 1 in the 8th grade and Geometry as a freshman. In order for a student to achieve Calculus BC as a senior, he/she must complete either Algebra 1 or Geometry in the summer enrichment courses. Algebra 1 Pre-AP completed in the 8th grade will receive 1.0 math credit at Hobbs High School. The sequence of mathematics courses for the Hobbs Municipal Schools is as follows.

Pre-AP/AP Math Track



Regular Math Track



*See course description for prerequisites.

The following elective courses are offered
for mathematics credit at Hobbs High School:

Intermediate Algebra/NMJC
College Algebra/NMJC
Plane Trigonometry/NMJC
Statistics/AP

Financial Algebra
Transitional Mathematics

Algebra 1 Pre-AP or Geometry Pre-AP, taken in the 8th grade will count as a math credit at Hobbs High School.

Recommendations will be made for placement in math classes at Hobbs High School. In support of open enrollment and the Advanced Placement Program, students will be allowed to take a class that is more challenging than the one recommended by the teacher. For example: Algebra 2 Honors instead of Algebra 2. Students will not be allowed to take courses that are easier than the one recommended by the teacher. Students will not be allowed to skip classes in the regular curricular sequence.

COURSE TITLE: PLANE GEOMETRY

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Algebra 1
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course is designed to develop powers and habits of careful, accurate, logical, and independent thinking. Geometric relationships in planes (including the coordinate plane) and space will be explored. Methods for both formal and informal proof will also be explored. A high school plane geometry course is required by many colleges for admission and it is strongly suggested that students complete the course before taking college entrance exams.

COURSE TITLE: ALGEBRA 2

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Plane Geometry
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course begins with a review of Algebra 1. The course goes on to cover open sentences in one and two variables, linear inequalities, factoring, rational expressions, functions and relations of functions, rational and irrational numbers, quadratic relations and systems, exponential functions and logarithms, progressions and binomial expansions.

COURSE TITLE: ALGEBRA 2/HONORS

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Plane Geometry
GRADE LEVELS: 9, 10, 11, or 12
CREDITS: .5 per semester

Linear functions and systems, quadratic functions and equations, polynomial functions, rational functions, rational exponents and radical functions, exponential and logarithmic functions, trigonometric functions, trigonometric equations and identities, conic sections, matrices, data analysis and statistics and probability.

COURSE TITLE: PRE-CALCULUS

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Algebra 2, Algebra 2/Honors
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course covers the following topics: Algebraic operations, equations and inequalities, functions and their properties, ambers and systems and operations.

COURSE TITLE: AP PRE-CALCULUS

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Algebra 2, Algebra 2/Honors
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

Included in the stud Pre-Calculus/AP I be polynomial and rational functions, exponential and logarithmic functions, trigonometric and polar functions, and functions involving parameters, vectors, and matrices. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expect that college and secondary school faculty have established for college-level courses. This course will conclude with an extensive review in order to prepare for the AP Pre-Calculus Exam. This course I prepare students for the AP Pre-Calculus Exam given in May. All students will be required to take this exam.

COURSE TITLE: AP CALCULUS AB

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Pre-Calculus or Pre-Calculus/Pre-AP strongly recommended. Successful completion of MA113A or score a 25 in math on ACT or a 570 in math on SAT or 109-129 in elementary Algebra or 63-85 in College Level Math on the ACCUPLACER
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

Included in the study of Calculus/AP will be limits, continuity, derivatives, differentiation, techniques of integration, inverse functions and applications of integration. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. This course will conclude with an extensive review in order to prepare for the AP Calculus Exam. This course will prepare students for the AP Calculus AB Exam given in May. All students will be required to take this exam.

COURSE TITLE: DUAL CREDIT CALCULUS AND ANALYTIC GEOMETRY I (MA 114) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Pre-Calculus or Pre-Calculus/Pre-AP. Minimum of 281 on ACCUPLACER Advanced Algebra and Functions Placement test or score a 25 in math on ACT.
GRADE LEVELS: 11 or 12
CREDITS: 1.0

This course is an introduction to concepts in analytic geometry, limits, continuity, differentiation of algebraic and transcendental functions, the mean value theorem, curve sketching, max-min problems, the definite and indefinite integral, and applications of integration, area, and the Fundamental Theorem of Calculus. This class will be available based on staffing.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number) and must pass the appropriate ACCUPLACER placement test.

COURSE TITLE: AP CALCULUS BC

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: AP Calculus AB
GRADE LEVELS: 12
CREDITS: .5 per semester

Calculus BC is a full year course in the calculus of functions of a single variable. It includes all topics covered in Calculus AB plus additional topics such as parametric, polar and vector functions, and polynomial approximation of series. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. This course will prepare students for the AP Calculus BC Exam given in May. All students will be required to take this exam.

COURSE TITLE: DUAL CREDIT CALCULUS AND ANALYTIC GEOMETRY II (MA 154) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Calculus and Analytic Geometry I (MA114)
GRADE LEVELS: 11 or 12
CREDITS: 1.0

This course continues calculus topics introduced in MA 144 and prepares the student for study of more advanced mathematical topics. This course will transfer directly to most colleges and universities as four semester hours of Calculus II credit. This class will be available based on staffing.

This is a dual credit class through NMJC. Students who enroll in this class must apply as a high school dual credit student and obtain an A number (NMJC ID number) and must pass the appropriate ACCUPLACER placement test.

COURSE TITLE: AP STATISTICS

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Algebra 2 or successful completion of MA113A or score a 25 in math on ACT or a 570 in math on SAT or 109-129 in Elementary Algebra or 63-85 in College Level Math on the ACCUPLACER
GRADE LEVELS: 10, 11 or 12
CREDITS: .5 per semester

The AP Statistics course is built around four main topics: exploring data, planning a study, probability as it relates to distributions of data, and inferential reasoning. This course will consist of group projects, the utilization of a TI-83 graphing calculator, and computer simulations. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. This course will conclude with an extensive review in order to prepare for the AP Statistics Exam. This course will prepare students for the AP Statistics Exam given in May. All students will be required to take this exam.

COURSE TITLE: DUAL CREDIT INTERMEDIATE ALGEBRA (MA 113A) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: TS 113F or Minimum of 245 on NMJC Next Gen. ACCUPLACER Quantitative Reasoning, Algebra, and Statistics or Minimum of 210 on NMJC Next Gen. ACCUPLACER Advanced Algebra and Functions
GRADE LEVELS: 11 or 12
CREDITS: .5

You may NOT enroll in this course unless you meet the Next Gen. ACCUPLACER math placement score.

This intermediate algebra course is designed for students in general education and technical fields. This course provides a review of fundamental operations of algebra, linear equations, exponents, radicals, rational expressions, quadratic equations, and inequalities. Additional topics include graphing linear equations, quadratic functions, and solving systems of linear equations. This course is not open to students who have credit for MA 113 or its equivalent. This is a three-credit hour course. This class will be available based on staffing.

This is an algebra course designed to prepare students for courses such as College Algebra, Statistics, and Math Analysis. Although it is considered a college level course at New Mexico Junior College and it fulfills the requirements for NMJC's AA and AS degrees, it is always advisable to check with the college or university of your choice for transferability.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number) and must pass the appropriate ACCUPLACER placement test.

COURSE TITLE: **DUAL CREDIT INTERMEDIATE ALGEBRA ITV (MA 113A)(ONE SEMESTER)**
GRADUATION REQUIREMENT MET: Math
PREREQUISITE: TS 113F OR Minimum of 245 on NMJC Next Gen. ACCUPLACER Quantitative Reasoning, Algebra, and Statistics or Minimum of 210 on NMJC Next Gen. ACCUPLACER Advanced Algebra and Functions
GRADE LEVELS: 11 or 12
CREDITS: .5

You may NOT enroll in this course unless you meet the Next Gen. ACCUPLACER math placement score.

This intermediate algebra course is designed for students in general education and technical fields. This course provides a review of fundamental operations of algebra, linear equations, exponents, radicals, rational expressions, quadratic equations, and inequalities. Additional topics include graphing linear equations, quadratic functions, and solving systems of linear equations. This course is not open to students who have credit for MA 113 or its equivalent. This is a three-credit hour course. This class will be available based on staffing.

This is an algebra course designed to prepare students for courses such as College Algebra, Statistics, and Math Analysis. Although it is considered a college level course at New Mexico Junior College and it fulfills the requirements for NMJC's AA and AS degrees, it is always advisable to check with the college or university of your choice for transferability.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number) and must pass the appropriate ACCUPLACER placement test.

COURSE TITLE: **DUAL CREDIT COLLEGE ALGEBRA (MA 113)(ONE SEMESTER)**
GRADUATION REQUIREMENT MET: Math
PREREQUISITE: MA 113A—Intermediate Algebra or Minimum of 267 on NMJC Next Gen. ACCUPLACER Quantitative Reasoning, Algebra, and Statistics or Minimum of 232 on NMJC Next Gen. ACCUPLACER Advanced Algebra and Functions
GRADE LEVELS: 11 or 12
CREDITS: .5

This college algebra course is designed for pre-engineering, mathematics, and science majors. The subject matter covered in this class includes a brief review of Elementary and Intermediate Algebra topics, as well as more extensive study of graphs of functions, complex numbers, theory of equations, matrices, determinants, conics, inverse functions, exponential functions, and logarithmic functions. This is a three-credit hour course. Prerequisite: MA113A or equivalent or appropriate score on a placement test. This course will be available based on staffing.

This course is designed to be the foundation class for many more advanced math classes such as statistics, business analysis, and trigonometry. College Algebra should transfer to most colleges for mathematics credits.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number) and must pass the appropriate ACCUPLACER placement test.

COURSE TITLE: **DUAL CREDIT COLLEGE ALGEBRA ITV (MA 113)(ONE SEMESTER)**
GRADUATION REQUIREMENT MET: Math
PREREQUISITE: MA 113A—Intermediate Algebra or Minimum of 267 on NMJC Next Gen. ACCUPLACER Quantitative Reasoning, Algebra, and Statistics or Minimum of 232 on NMJC Next Gen. ACCUPLACER Advanced Algebra and Functions
GRADE LEVELS: 11 or 12
CREDITS: .5

This college algebra course is designed for pre-engineering, mathematics, and science majors. The subject matter covered in this class includes a brief review of Elementary and Intermediate Algebra topics, as well as more extensive study of graphs of functions, complex numbers, theory of equations, matrices, determinants, conics, inverse functions, exponential functions, and logarithmic functions. This is a three-credit hour course. Prerequisite: MA113A or equivalent or appropriate score on a placement test. This course will be available based on staffing.

This course is designed to be the foundation class for many more advanced math classes such as statistics, business analysis, and trigonometry. College Algebra should transfer to most colleges for mathematics credits.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number) and must pass the appropriate ACCUPLACER placement test.

COURSE TITLE: **DUAL CREDIT PLANE TRIGONOMETRY (MA123) (ONE SEMESTER)**
GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Successful completion of MA113 or minimum score of 281 on Advanced Algebra Function Next Gen. ACCUPLACER Placement Score or minimum of 25 on ACT
GRADE LEVELS: 11 OR 12
CREDITS: .5

You may NOT enroll in the course unless you meet the Next Gen. ACCUPLACER math placement score.

This course will cover trigonometric functions, solutions of right triangles, properties and relationships between trigonometric functions, radian measure of angles, graphs of trigonometric functions, the addition formulas, double-angle formulas, half-angle formulas, solution of the general triangle, inverse trigonometric functions, and solutions of trigonometric equations. This course will be available based on staffing.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number) and must pass the appropriate ACCUPLACER placement test.

COURSE TITLE: **DUAL CREDIT PLANE TRIGONOMETRY ITV (MA123) (ONE SEMESTER)**
GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Successful completion of MA113 or minimum score of 281 on Advanced Algebra Function Next Gen. ACCUPLACER Placement Score or minimum of 25 on ACT
GRADE LEVELS: 11 OR 12
CREDITS: .5

This course will cover trigonometric functions, solutions of right triangles, properties and relationships between trigonometric functions, radian measure of angles, graphs of trigonometric functions, the addition formulas, double-angle formulas, half-angle formulas, solution of the general triangle, inverse trigonometric functions, and solutions of trigonometric equations. Prerequisite: MA 113 or equivalent or appropriate score on a placement test. This course will be available based on staffing.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number) and must pass the appropriate ACCUPLACER placement test.

Trigonometry is the study of triangles and the measurements within triangles, which is a necessary component of Physics, engineering, and Calculus. Trigonometry should transfer to most colleges for mathematics credit.

COURSE TITLE: **DUAL CREDIT SURVEY OF MATHEMATICS (MA103) (ONE SEMESTER)**
GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Minimum score of 287 on Next Gen. Arithmetic ACCUPLACER Placement Test, or minimum of 245 on the Next Gen. Quantitative Reasoning, Algebra and Statistics ACCUPLACER Placement Test, or minimum of 210 on Next Gen. Advanced Algebra and Functions ACCUPLACER Placement Test
GRADE LEVELS: 11 or 12
CREDITS: 1.0

You may NOT enroll in the course unless you meet the Next Gen. ACCUPLACER math placement score.

This course will develop students' ability to work with and interpret numerical data, to apply logical and symbolic analysis to a variety of problems, and/or model phenomena with mathematical or logical reasoning. Topics include financial mathematics used in everyday life situations, statistics, and optional topics from a wide array of authentic contexts. This course will be available based on staffing.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number) and must pass the appropriate ACCUPLACER placement test.

COURSE TITLE: **FINANCIAL ALGEBRA**
GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Algebra 2
GRADE LEVELS: 12
CREDITS: .5 per semester

Financial Algebra is a comprehensive program focusing on financial applications of mathematics. It includes problem solving strategies and alternate methods of computation to solve a wide range of financial problems as well as solid basic skills. This course will consist of an emphasis on earning money, net pay, personal banking, budgeting, making a purchase, buying food, clothing, car, or house, paying taxes, insurance, and investing money as well as solid basic skills support. This two-semester class is designed for seniors who have experienced difficulty in traditional mathematics classes. The course features the application of skills in algebra as they apply in lifelike situations.

COURSE TITLE: **CONSTRUCTION MATH**
GRADUATION REQUIREMENT MET: Math
PREREQUISITE: To be taken in conjunction with Construction Technology
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course will focus on the math skills involved in construction trades. Topics included, but not limited to, are geometry, algebra, and statistics. This course will count as an elective math class.

COURSE TITLE: MATH 10 INTERVENTION
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Student placement by teacher recommendation
GRADE LEVELS: 10
CREDITS: .5 per semester

For Elective Credit Only—Cannot count as one of the four math credits required for High School Graduation. This class will be offered in conjunction with the student’s current math course and will offer the extra support some students may need in order to be successful in their current math course. The teacher of this course will be guided by the Standards-based core curriculum of the student’s current math course and will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions, and follow-up assessment.

COURSE TITLE: MATH 11 INTERVENTION
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Student placement by teacher recommendation
GRADE LEVELS: 11
CREDITS: .5 per semester

For Elective Credit Only—Cannot count as one of the four math credits required for High School Graduation. This class will be offered in conjunction with the student’s current math course and will offer the extra support some students may need in order to be successful in their current math course. The teacher of this course will be guided by the Standards-based core curriculum of the student’s current math course and will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions, and follow-up assessment.

COURSE TITLE: MATH 12 INTERVENTION
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Student placement by teacher recommendation
GRADE LEVELS: 12
CREDITS: .5 per semester

For Elective Credit Only—Cannot count as one of the four math credits required for High School Graduation. This class will be offered in conjunction with the student’s current math course and will offer the extra support some students may need in order to be successful in their current math course. The teacher of this course will be guided by the Standards-based core curriculum of the student’s current math course and will emphasize the skills, concepts and processes needed by the students. An intervention program can be thought of as a cycle consisting of three phases: diagnostic assessment, instructional actions, and follow-up assessment.

Students who are behind in credits or are lacking required courses will be placed in credit recovery/extended day classes. The following Math courses are offered in credit recovery/extended day.

Intro to Algebra
Algebra 1
Geometry
Algebra 2

MISCELLANEOUS ELECTIVES

COURSE TITLE: AVID I HONORS

GRADUATION REQUIREMENT MET: Career Cluster
PREREQUISITE: Application Process – Must be Accepted
GRADE LEVELS: 10
CREDITS: .5 per semester

AVID, which stands for Advancement Via Individual Determination, is a college-readiness program designed to help students develop the skills they need to be successful in college. The program places special emphasis on growing writing, critical thinking, teamwork, organization, and reading skills.

COURSE TITLE: AVID II HONORS

GRADUATION REQUIREMENT MET: Career Cluster
PREREQUISITE: Application Process – Must be Accepted
GRADE LEVELS: 10
CREDITS: .5 per semester

AVID, which stands for Advancement Via Individual Determination, is a college-readiness program designed to help students develop the skills they need to be successful in college. The program places special emphasis on growing writing, critical thinking, teamwork, organization, and reading skills.

COURSE TITLE: OFFICIATING OF SPORTS

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: A background or strong interest in athletics
GRADE LEVELS: 10 OR 11
CREDITS: .5 per semester

Sports officiating is designed to provide students with skills needed to successfully officiate a variety of sports. The focus will be on sports offered by the NMAA (New Mexico Activities Association), as well as, youth sports programs associated with the development of NMAA offered sports. NMAA sports include: baseball, basketball, cross country, football, golf, soccer, softball, spirit, swimming and diving, tennis, track and field, volleyball, and wrestling. Students will be exposed to theoretical practices for improvement as an official and situational learning video, online classes, and “clinical” teachings in class. Students will be required to officiate at least one contest per semester. This class may be taken for elective credit and is considered a full year class. Ref reps online curriculum will be utilized.

COURSE TITLE: TEACHER ASSISTANT*

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: 21 credits
GRADE LEVELS: 12
CREDITS: .5 per year

The position of Teacher Assistant is available to students in various fields of study offered at the high school. The student must be selected by the teacher and an outline of proposed work will be submitted and approved by the principal.

COURSE TITLE: LIBRARY ASSISTANT*

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: 21 credits
GRADE LEVELS: 12
CREDITS: .5 per year

During the first few weeks, student assistants learn the fundamentals of classification, arrangement, and the basic routines for circulating books and keeping the library operating effectively. Sample job assignments that may follow include checking books out and in, shelving books, setting shelves in order, preparing new books for circulation, filing, making overdue notices and collecting fines.

COURSE TITLE: OFFICE ASSISTANT*

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: 21 credits
GRADE LEVELS: 12
CREDITS: .5 per year

Prior approval from staff of the attendance office or counseling office is required for enrollment. Requirements for approval include a good attendance record, average to good grades, neat appearance, friendly attitude, and willingness to work at assigned tasks. Both boys and girls will be accepted. The work will include running errands, filing, answering phones, assembling materials for distribution and helping assist students who come to the office. It is helpful to have some typing experience but it is not necessary. Students who sign up to be office assistants should realize that all materials dealing with school business are confidential.

COURSE TITLE: SENIOR PRIVILEGE*

GRADUATION REQUIREMENT MET: None
PREREQUISITE: One more credit than what is required for graduation
GRADE LEVELS: 12
CREDITS: None

To qualify, seniors must take one additional credit than is required to graduate. Seniors must be enrolled in at least four consecutive classes during the regular school day. No credit will be given for senior privilege. **Utilizing senior privilege will negatively affect your class rank and honor graduate status.** Enrollment must be approved by your class counselor.

*The grades for these courses will not be used to compute grade point averages (GPA). Therefore, an equalization formula will be used to adjust the GPA for the semesters in which the course was taken. This formula will negatively impact the GPA.

COURSE TITLE: STUDY HALL

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 11 OR 12
CREDITS: .5 per semester

This course provides students with the opportunity and time to complete classroom assignments or school projects. Students typically work on their own, without the help of a tutor; however, they are supervised and usually remain in the classroom.

COURSE TITLE: PROJECT SUCCESS (ALTERNATIVE LEARNING CENTER)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor Approval
GRADE LEVELS: 9, 10, 11, OR 12
CREDITS: .5 per semester

Project Success is a program designed to prevent and reduce substance abuse use among high-risk adolescents in the Alternative school setting. Students enrolled in the HHS Alternative school related to poor academic performance, discipline, truancy, and negative attitudes toward school, are at-risk for substance abuse. Project Success focuses on developing skills to prevent or decrease substance abuse. A myriad of strategies utilized address these students' needs including: information dissemination, normative and preventive education, problem identification and referral, and environmental approaches. Additionally, resistance and social competency skills, communication, decision-making, stress, anger management, problem solving, and resisting peer pressure skills are taught.

COURSE TITLE: MATRIX

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Instructor Approval
GRADE LEVELS: 9, 10, 11, OR 12
CREDITS: .5 per semester

Matrix is designed to provide adolescent substance abusers with counseling and support services throughout the drug and alcohol recovery process. Students will participate in an intensive 16-week program that includes substance abuse education, peer support, and individual therapy. The program includes the development of new lifestyle skills and an introduction to 12-Step recovery group. Matrix provides a full range of assessment and treatment services for substance abusing adolescents.

COURSE TITLE: DRIVER'S EDUCATION

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Must be 15 by the end of the course
GRADE LEVELS: 10, 11, or 12
CREDITS: .5

The student will learn about the Graduated Driver License Program (GDL) and the procedures for becoming a fully licensed driver as well as the responsibilities for being a driver. The student will study traffic safety, traffic laws, defensive driving, and how to manage the traffic environment. The student will also learn to identify risky behavior, how to handle emergency situations, and develop strategies to help them reduce their chances of being involved in a crash. The State of NM requires each student to complete fifty-six (56) hours of classroom instruction coursework, including a minimum of six (6) hours of coursework devoted to DWI prevention and education and information on organ donation.

MODERN LANGUAGES

Modern languages are an asset to the college-bound student. They not only fulfill many college foreign language requirements, but they help students gain an understanding of communication and cultures different from their own. Whenever possible, students should take two or more years in the same language as many colleges do require this for acceptance. Modern language is not required for high school graduation. A course may not be taken more than once for credit.

SPANISH

For an American, Spanish is one of the most valuable “modern languages” to study. Most countries south of the United States speak Spanish. Spanish is the third most widely spoken language in the world and is an official language of the United Nations.

COURSE TITLE:	SPANISH 1
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	None
GRADE LEVELS:	10 or 11
CREDITS:	.5 per semester

This is a course dealing with the fundamentals. Stress is on acquiring a usable everyday vocabulary and understanding Spanish and Latin American culture. Use of tapes, videos, drills, and guided conversations allows the student to practice Spanish, to hear native speakers, and to gain insight into the culture of Spain and Latin America. A strong knowledge of English grammar is recommended.

COURSE TITLE:	BEGINNING SPANISH 1 ITV (SP114) (ONE SEMESTER)
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	None
GRADE LEVELS:	11 or 12
CREDITS:	1.0

Beginning Spanish I is a course that provides a conversational approach to language acquisition to teach vocabulary and comprehension. This course allows beginning language learners to hear Spanish and experience its cultural diversity. This course provides development of speaking, reading, writing, and comprehension in Spanish with careful attention given to grammar and pronunciation. This course contains a lecture and lab component. This is a four-credit hour course.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number). ACCUPLACER placement tests are not required, but a student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

COURSE TITLE:	SPANISH 2
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Spanish 1
GRADE LEVELS:	10, 11, or 12
CREDITS:	.5 per semester

Material taught in Spanish 1 is reviewed and a broader foundation of vocabulary and structure is acquired. In particular, the past tenses are learned. Communicative proficiency is emphasized.

COURSE TITLE:	SPANISH 2/HONORS
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	Pass Spanish 1, Teacher Recommendation
GRADE LEVELS:	10, 11, or 12
CREDITS:	.5 per semester

This course will challenge the student to go beyond what is required in the Spanish 2 class in expectations and proficiency. The material is taught at a faster pace and projects are required.

COURSE TITLE:	BEGINNING SPANISH 2 ITV (SP124) (ONE SEMESTER)
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	SP 114—Beginning Spanish 1 ITV
GRADE LEVELS:	11 or 12
CREDITS:	1.0

Beginning Spanish II is a continuation of SP 114. The conversational approach to language acquisition is used to provide students the opportunity to increase their fluency in Spanish. This course provides development of vocabulary, conversation, reading, and grammar with careful attention given to pronunciation. This course contains a lecture and lab component. This is a four-credit hour course.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number). ACCUPLACER placement tests are not required, but a student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

COURSE TITLE: SPANISH3/HONORS

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: PASS Spanish 2 or Spanish 2/Honors; Teacher Recommendation
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

In this course concepts taught in Spanish 2 are reviewed. The emphasis is placed on expanding vocabulary and the ability to use the language in a variety of situations. Students are given the opportunity to read a variety of literary genres of graded difficulty. The widest use of Spanish in the classroom is encouraged.

COURSE TITLE: AP SPANISH LANGUAGE (SPANISH4/AP)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Pass Spanish 2/Spanish 2 Honors/Spanish 3 Honors; Teacher Recommendation
GRADE LEVELS: 12
CREDITS: .5 per semester

This course is designed to add to the student's ability to read, write, speak, and understand Spanish. The student will read a variety of Spanish and Latin American literature. Short research projects on various aspects of Spanish and Latin American life will further widen the student's knowledge of the areas where Spanish is spoken. These projects will include current events. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. The course will prepare the student to take the AP Spanish Language Exam given in May. All students are required to take this exam.

COURSE TITLE: AP SPANISH LITERATURE (SPANISH5/AP)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: PASS Spanish 4/Honors or instructor approval
GRADE LEVELS: 12
CREDITS: .5 per semester

This course is designed to use a thematic approach to introduce students to short stories, novels, poetry, and essays from Latin American and United States Hispanic literature. Students continue to develop their critical reading and analytical writing skills. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. The course will prepare the student to take the AP Spanish Literature Exam given in May. All students are required to take this exam.

ITALIAN

Italian is another excellent choice for the academically inclined student. As the official language of Italy and spoken by 60 million people across the world, knowledge of a Romance language is an asset in our competitive global communities. For students of art, literature, and history, it is one of the main languages of the western civilization.

COURSE TITLE: ITALIAN 1

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

The objectives of first-year Italian are a mastery of simple conversational Italian, a usable everyday vocabulary, and a foundation of Italian grammar. The students will also be reading simple stories and writing short compositions. The culture of Italy will be explored.

COURSE TITLE: ITALIAN 2

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Italian 1
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

Italian 2 reviews the first year of Italian and builds upon the student's prior knowledge of vocabulary and grammar. The student would learn to speak, to write, and to understand both the spoken and written Italian language. The emphasis will be placed equally on the spoken language and the reading and writing of Italian.

COURSE TITLE: ITALIAN2/HONORS

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Italian 1
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course will challenge the student to go beyond what is required in the Italian 2 class in expectations and proficiency and move at a faster pace. Additional or different projects and presentations may be added to the course expectations of Italian 2.

COURSE TITLE: ITALIAN 3/HONORS
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Italian 2 or Italian 2/Honors
GRADE LEVELS: 11, or 12
CREDITS: .5 per semester

Italian 3 will continue to build on grammar and vocabulary, challenging the Pre-AP student to move at a quick pace. Adapted pieces of Italian literature will be read and discussed (both in writing and orally) and the class will be mainly conducted in Italian. Projects and presentations will be included in the course expectations.

FRENCH

French is an excellent choice for the academically inclined student. As the official language of France, one of the two official languages of Canada, and as a language spoken in over forty countries across the globe, knowledge of French is a useful tool in our global community. For students of art, literature, and history, it is one of the chief languages of the Western civilization.

COURSE TITLE: FRENCH 1
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

The objectives of first-year French are a mastery of simple conversational French, a usable everyday vocabulary, and a foundation of French grammar. The students will also be reading simple stories and writing short compositions. The cultures of French-speaking countries will be explored. This course will be offered based on teacher availability.

COURSE TITLE: FRENCH 2
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: French 1
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

French 2 reviews the first year of French and builds upon the student's prior knowledge of vocabulary and grammar. The student should learn to speak, to write, and to understand both the spoken and written French language. The emphasis will be placed equally on the spoken language and the reading and writing of French. This course will be offered based on teacher availability.

COURSE TITLE: FRENCH 2/HONORS
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: French 1
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course will challenge the student to go beyond what is required in the French 2 class in expectations and proficiency and move at a faster pace. Additional or different projects and presentations may be added to the course expectations of French 2. This course will be offered based on teacher availability.

COURSE TITLE: FRENCH 3/HONORS
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: French 2 or French 2/Honors
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

French 3 will continue to build on grammar and vocabulary, challenging the Pre-AP student to move at a quick pace. Adapted pieces of French literature will be read and discussed (both in writing and orally) and the class will be mainly conducted in French. Projects and presentations will be included in the course expectations. This course will be offered based on teacher availability.

COURSE TITLE: AP FRENCH LANGUAGE (FRENCH 4/AP)
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: French 3/Honors
GRADE LEVELS: 12 or exchange student
CREDITS: .5 per semester

The class will be taught entirely in French. Students will be challenged in the four core areas of reading, writing, speaking, and comprehending. Literature excerpts will be read, compositions will be written, oral presentations will be given, and discussion of current events will take place. Students will be expected to communicate effectively and efficiently in French with the teacher and classmates. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. Students will prepare for and take the AP French exam in the spring. This course will be offered based on teacher availability.

AMERICAN SIGN LANGUAGE

COURSE TITLE: AMERICAN SIGN LANGUAGE I (ASL I)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: NONE
GRADE LEVELS: 10, 11, 12
CREDITS: .5 per semester

American Sign language I is an introduction to American Sign Language (ASL). It counts as one credit of Foreign Language. The class includes basic grammar, vocabulary, fingerspelling, numbers, and Deaf cultural information related to the Deaf Community. This course is designed for students with no or minimal sign language skills to develop basic skills in use of ASL and knowledge of Deaf culture. Emphasis is upon acquisition of comprehension, production and interactional skills using basic grammatical features.

COURSE TITLE: AMERICAN SIGN LANGUAGE II (ASL II)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: ASL I
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

American Sign Language II is a continuation of ASL I. It counts as one credit of Foreign Languages. This course is designed to continue development of American Sign Language expressive and receptive skills, grammar, vocabulary, cultural awareness, and related terminology.

COURSE TITLE: AMERICAN SIGN LANGUAGE III (ASL III)

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: ASL II
GRADE LEVELS: 12
CREDITS: .5 per semester

American Sign Language III is a continuation of ASL II. It counts as one credit of Foreign Languages. This course is designed to develop expressive and receptive skills with an emphasis placed on fluency and refinement of complex vocabulary, grammatical structures, and cultural awareness.

PHYSICAL EDUCATION

INTRODUCTORY INFORMATION

1. All physical education classes will be coed. All students are required to successfully complete one unit of physical education during grades 9, 10, 11, or 12. The required physical education class will be considered as a solid course and will count toward honor roll and grade point average. Exemptions from this requirement are allowed only for those who present a statement from a qualified physician or chiropractor that the student is physically unable to participate or from a church pastor that participation in physical education in some way violates religious beliefs and practices. Grading will be on the basis of 80 percent participation and 20 percent skill/testing.
2. Instructors of Physical Education I, II, III, and IV classes will select from among the following activities: exercise program, speed ball, soccer, softball, basketball, volleyball, cage ball, dodge ball, shuffleboard, tennis, table tennis, pickle ball, scooter activities and relays, flag football, weight lifting, dance and rhythmic activities, aerobics, Frisbee, track and field, handball, field hockey and floor hockey, lacrosse, jump rope activities, and superstar competition.
3. Instructors of Conditioning and Fitness I, II, and III will select from activities requiring cardiovascular endurance, muscular endurance, muscular strength, and flexibility.
4. Instructors of Beginning Weight Lifting and Advanced Weight Lifting I and II will select from lifting philosophies, including, but not limited to: circuit, interval, pyramid, and set-rep training.

COURSE TITLE: PHYSICAL EDUCATION 1

GRADUATION REQUIREMENT MET: Physical Education
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

Physical Education 1 will consist of activities selected by the instructor from among those listed in the introductory information. The district Scope and Sequence/Standards and Benchmarks for Physical Education will be followed. Students who have previously met the graduation requirement may take this class for elective credit.

COURSE TITLE: PHYSICAL EDUCATION 2

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

Physical Education 2 is a continuation in the development of basic skills, fitness, and safety practices. Activity blocks will consist of activities selected by the instructor from among those listed in the introductory information.

COURSE TITLE: PHYSICAL EDUCATION 3

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

Physical Education 3 is an extension of PE 2, with emphasis on advancing the levels of skill and increasing students' knowledge in selected activities.

COURSE TITLE: PHYSICAL EDUCATION 4

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 12
CREDITS: .5 per semester

Physical Education 4 is a continuation in the physical development of the individual along with advanced knowledge regarding physical fitness. Activity blocks will consist of activities selected by the instructor from among those listed in the introductory information.

COURSE TITLE: BEGINNING WEIGHT TRAINING

GRADUATION REQUIREMENT MET: Physical Education
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

Beginning Weight Training fulfills the required physical education credit for graduation. This class is designed to teach techniques and safety precautions used to insure safety in the weight room. The class will focus on technique, strength training, endurance training, flexibility training, and record keeping (to achieve goals, they must be measurable).

COURSE TITLE: ADVANCED WEIGHT TRAINING 1

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Beginning Weights
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

Advanced Weight Training is a continuation of Beginning Weight Training. This class is designed to continue more advanced skills in weight training, adding more advanced lifts and muscle develop techniques and to add more student involvement in workout choice and record keeping.

COURSE TITLE: ADVANCED WEIGHT TRAINING 2

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Beginning Weight Training and Advanced Weight Training 1
GRADE LEVELS: 12
CREDITS: .5 per semester

Advanced Weight Training 2 is a continuation of Advanced Weight Training I. This class is designed to advance students into development of their own workouts and record keeping.

COURSE TITLE: CONDITIONING AND FITNESS I

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Physical Education I
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

Conditioning and Fitness is designed to advance physical education into the more specialized field of conditioning and fitness techniques. A variety of training will be used for students who want to be in better "shape." Focus will be on various flexibility, endurance, and strength training approaches.

COURSE TITLE: CONDITIONING AND FITNESS II

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Physical Education I and Conditioning and Fitness I
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

Conditioning and Fitness II is a continuation of Conditioning and Fitness I. The instructor will provide workout instruction based on student goals to help students better understand how to become more "fit" on their own.

COURSE TITLE: CONDITIONING AND FITNESS III

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: Physical Education I, Conditioning and Fitness I & II
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

Conditioning and Fitness III is a continuation of Conditioning and Fitness II. Students will be further introduced into concepts to help them design their own workouts based on their fitness goals.

SCIENCE

The normal sequence for the courses in Science is as follows:

9th (Required)

Biology 1/Pre-AP
Biology 1

10th, 11th, and 12th Science Courses

Chemistry 1	Physics 2/AP
Chemistry 1/Pre-AP	Physics 1/ AP
Chemistry 2/AP	Astronomy/Meteorology/Geology Honors
Biology 2/AP	Astronomy/Meteorology/Geology
Human Anatomy	Environmental Science/AP
Systems Go 1	Human Anatomy Honors
DC Physics	Systems Go 2
DC Chemistry	DC Biology
Environmental Science	DC Anatomy

According to state regulations, all students will be required to take three science classes in grades 9-12 to fulfill graduation requirements of which two must have a lab component.

COURSE TITLE: ENVIRONMENTAL SCIENCE

GRADUATION REQUIREMENT MET: Science
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This phenomena-based course focuses on examining the mutual relationships between organisms and their environment and addresses the following topics: organization matter and energy flow in organisms; cycles of matter and energy transfer in ecosystems; ecosystem dynamics, functioning, and resilience; biodiversity and humans; biogeology; conservation of natural resources; human impacts on Earth systems; global climate change; and engineering design.

COURSE TITLE: AP BIOLOGY (BIOLOGY 2/AP)

GRADUATION REQUIREMENT MET: Science
PREREQUISITE: Biology 1 or Biology 1/Pre-AP
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

The Advanced Placement Biology course is designed to be the equivalent of a college introductory biology course. The course will cover, in depth, topics ranging from biological chemistry and cell biology, to molecular genetics, plant and animal physiology, and ecology. Extensive use will be made of the lab, with laboratory activities to include enzyme catalysis, mitosis and meiosis, cell respiration, transpiration, and gene splicing. In the lab, students will become familiar with the techniques of electrophoresis, thin layer chromatography, biological titrations, genetic crosses, and physiological measurement. Prior AP exams will be taken and analyzed. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. This course will prepare students for the AP Biology Exam given in May. All students will be required to take this exam.

COURSE TITLE: DUAL CREDIT GENERAL BIOLOGY I (BI 114) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Science
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: 1.0

General Biology I stresses the concepts, characteristics, and diversities of life. Emphasis is placed upon the scientific method, the chemistry of living organisms, cell structure and function, photosynthesis, cellular respiration, cell reproduction, inheritance, molecular genetics, and biotechnology. Students who are enrolled in BI 114 will also be enrolled concurrently in BI 114L (laboratory).

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number). ACCUPLACER placement tests are not required, but a student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

COURSE TITLE: DUAL CREDIT GENERAL BIOLOGY II (BI 124) (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Science
PREREQUISITE: None
GRADE LEVELS: 10, 11 or 12
CREDITS: 1.0

General Biology II stresses the origins of life, the diversity of viruses, bacteria, protists, and fungi; the diversity of plants, plant structure and function; animal diversity, animal structure and function; as well as evolution, animal behavior, ecology of populations, ecosystems, and environmental concerns. Students who are enrolled in BI 124 will also be enrolled concurrently in BI 124L (laboratory).

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number). ACCUPLACER placement tests are not required, but a student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

COURSE TITLE: HUMAN ANATOMY
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: Biology I/Pre-AP or Biology I
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course will require students to develop an understanding of the organization of the human body through studies of body systems, tissues and the cell and its chemistry. Students will spend time dissecting and viewing body systems as well as collecting and analyzing data. Students will use appropriate technology and be instructed in the safe use of laboratory equipment.

COURSE TITLE: HUMAN ANATOMY AND PHYSIOLOGY HONORS
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: Biology I/Pre-AP or Biology 1
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course will require students to develop an understanding of the organization of the human body through studies of body systems, tissues and the cell and its chemistry. Students will spend time dissecting and viewing body systems as well as collecting and analyzing data. Students will use appropriate technology and be instructed in the safe use of laboratory equipment.

COURSE TITLE: CHEMISTRY I
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: Geometry and current enrollment in Algebra 2
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This rigorous full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes virtual laboratory experiments that encourage higher-order thinking applications. There is also a wet lab component for each of these labs. The components of this course include the composition and properties of matter, changes and interactions of matter, organic chemistry, and nuclear chemistry. Throughout the course, students solve problems, reason abstractly, and learn to think critically.

COURSE TITLE: CHEMISTRY I/PRE-AP
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: Geometry and current enrollment in Algebra 2
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This year long high school course focuses on students developing a deep conceptual understanding of matter and energy at the molecular level by asking students to explain their macroscopic observations using particulate-level reasoning. The components include the structure and properties of matter, chemical and bonding interactions, chemical quantities, and chemical transformations. The Pre-AP Chemistry areas of focus are on an emphasis on analytical reading and writing, strategic use of mathematics and attention to modeling. Students will be required to use the Pre-AP Chemistry College Board Platform. Students are required to complete learning checkpoints and performance tasks.

COURSE TITLE: AP CHEMISTRY (CHEMISTRY 2/AP)
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: Chemistry I/Pre-AP AND Algebra 2 strongly recommended.
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

The AP Chemistry course is designed to be the equivalent of a college introductory chemistry course. Topic emphasis includes: Structure of Matter (atomic theory and bonding); States of Matter (gases, liquids, solids, and solutions); Reactions (types of chemical reactions, stoichiometry, equilibrium, kinetics, and thermodynamics); and Descriptive Chemistry (labs). It will include extensive lab work and problem solving. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. This course will prepare students for the AP Chemistry Exam given in May. All students will be required to take this exam.

COURSE TITLE: DUAL CREDIT GENERAL CHEMISTRY I (CH 114A) (ONE SEMESTER)
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: 1.0

General chemistry is a comprehensive study of chemical behavior of matter. The study of atomic theory, chemical bonding, elemental periodicity, nomenclature, and physical properties in relation to structure are the major topics covered in this course. The course is designed for pre-professional and science majors. Students who are enrolled in this course are also concurrently enrolled in CH 114Al (laboratory).

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number). ACCUPLACER placement tests are not required, but a student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

COURSE TITLE: DUAL CREDIT GENERAL CHEMISTRY II (CH 124A) (ONE SEMESTER)
GRADUATION REQUIREMENT MET: Science

PREREQUISITE: CH 114A—Dual Credit General Chemistry I
GRADE LEVELS: 10, 11, or 12
CREDITS: 1.0

This course is a continuation of CH114A. Major topics include solutions, equilibrium, elementary thermodynamics, reaction kinetics, acids-bases, and electro-chemistry. The course is designed for pre-professional and science majors. Students who are enrolled in CH 124A is concurrently enrolled in CH 124AL (laboratory).

This is a dual credit class through NMJC. Students who enroll in this class must have already taken CH 114A—Dual Credit General Chemistry I.

COURSE TITLE: PHYSICS 1/AP

GRADUATION REQUIREMENT MET: Science
PREREQUISITE: Must have completed Algebra 2.
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course is designed to prepare students for both college-level physics and success in Physics 2/AP. Areas of study include Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. This course will prepare students for the AP Physics 1 exam given in May. All students will be required to take this exam.

COURSE TITLE: PHYSICS 2/AP

GRADUATION REQUIREMENT MET: Science
PREREQUISITE: Calculus 1
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

This AP Physics course is designed to be the equivalent of a college introductory physics course. Areas of study include fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. Prior AP exams will be taken and analyzed. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. This course will prepare students for the AP Physics 2 exam given in May. All students will be required to take this exam.

COURSE TITLE: DUAL CREDIT GENERAL PHYSICS I (PH 114)(ONE SEMESTER)

GRADUATION REQUIREMENT MET: Science
PREREQUISITE: MA 113—College Algebra and MA 123—Plane Trig or Concurrent enrollment in Calculus AB
GRADE LEVELS: 10, 11, or 12
CREDITS: 1.0

The course content involves the principles of mechanics and heat. This course meets the requirements of pre-medical, pre-dental, and technician majors. Students who are enrolled in General Physics I will also be concurrently enrolled in PH 114L.

This course is designed for non-engineering majors, e.g., pre-dental and pre-med. It is designed to sharpen your scientific critical thinking skills. This course transfers to most four-year colleges and universities. This course will not transfer to engineering majors.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number) and either have taken the appropriate college level math courses or be concurrently enrolled in Calculus AB.

COURSE TITLE: DUAL CREDIT GENERAL PHYSICS II (PH 124)(ONE SEMESTER)

GRADUATION REQUIREMENT MET: Science
PREREQUISITE: PH 114—Dual Credit General Physics I
GRADE LEVELS: 10, 11, or 12
CREDITS: 1.0

This course is a continuation of PH 114, with a study of magnetism, electricity, sound, and light. Students who are enrolled in PH 124 will also be concurrently enrolled in PH 124L (laboratory)

This course is for non-engineering majors and transfers to most four-year colleges and universities. Please check with NMJC counseling to determine whether this course transfers for your degree.

This is a dual credit class through NMJC. Students who enroll in this class must have already taken PH 114—General Physics I.

COURSE TITLE: ASTRONOMY/METEOROLOGY/AND GEOLOGY

GRADUATION REQUIREMENT MET: Science
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This laboratory science course is designed to introduce students to the principles and concepts of Earth and Space Science, as well as prepare them for additional coursework in the Earth and Space sciences. Concepts discussed include the origins of and objects in the universe, history of the Earth, Earth's structure and processes such as weathering, erosion, and plate tectonics, weather, climate, and human impact on the Earth. Students also conduct a variety of laboratory activities that develop skills in observation, use of scientific tools and techniques, data collection and analysis, and mathematical applications.

COURSE TITLE: ASTRONOMY/METEOROLOGY/AND GEOLOGY HONORS
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This laboratory science course is designed to introduce students to the principles and concepts of Earth and Space Science, as well as prepare them for additional coursework in the Earth and Space sciences. Concepts discussed include the origins of and objects in the universe, history of the Earth, Earth's structure and processes such as weathering, erosion, and plate tectonics, weather, climate, and human impact on the Earth. Students also conduct a variety of laboratory activities that develop skills in observation, use of scientific tools and techniques, data collection and analysis, and mathematical applications. This course is designed to prepare students for AP Environmental Science and/or for students interested in careers related to environmental sciences and geology.

COURSE TITLE: AP ENVIRONMENTAL SCIENCE (ENVIRONMENTAL SCIENCE/AP)
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: Biology I/Pre-AP or concurrent enrollment of Chemistry I/Pre-AP, Astronomy, Meteorology & Geology Honors strongly recommended
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

The AP Environmental Science course is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world; to identify and analyze environmental problems both natural and human-made; to evaluate the relative risks associated with these problems; and, to examine alternative solutions for resolving and/or preventing them. This course will embrace topics from geology, biology, environmental studies, environmental science, chemistry and geography. The course will include a laboratory component and field trips to resource areas and hands-on investigation. Prior AP exams will be taken and analyzed. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. This course will prepare students for the AP Environmental Science Exam given in May. All students will be required to take this exam.

COURSE TITLE: SYSTEMS GO 1
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

The student will be informed of knowledge bases and problem-solving tools found within the four main energy systems: mechanical, fluid, electrical and thermal. Hands-on projects are contained within the inquisitive learning curriculum for the first semester to support problem-solving, critical thinking and cognitive reasoning.

COURSE TITLE: SYSTEMS GO 2
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: Systems Go 1
GRADE LEVELS: 11 or 12
CREDITS: .5 per semester

The first semester encapsulates the 'early' design aspects of the vehicle's payload, the vehicle's performance and the vehicle's configuration. The students will begin to develop the flight profile. The profile will predict all flight dynamics and will determine propulsion performance and stresses that will be applied to the vehicle during the testing. The second semester will focus on the launching and flight of the rockets.

Students who are behind in credits or are lacking required courses will be placed in credit recovery/extended day classes. The following Science courses are offered in credit recovery/extended day.

- Biology
- Earth Science
- Physical Science
- Physics
- Chemistry

SOCIAL STUDIES

The normal sequence for the required courses in Social Studies is as follows:
9th grade—New Mexico History (one semester) & Human Geography (elective)
10th grade—World History & Geography
11th grade—United States History & Geography
12th grade—United States Government (one semester) & Economics (one semester).

Dual Credit Courses will be available based on staffing.

COURSE TITLE: NEW MEXICO HISTORY (ONE SEMESTER)
GRADUATION REQUIREMENT MET: New Mexico History
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5

This survey course supports students to become more knowledgeable and aware of the historical, cultural, economic, and political history of New Mexico and their geographical connections. Students will analyze the role that New Mexico plays in national and international arenas. This course is open to out-of-district transfers only.

COURSE TITLE: WORLD HISTORY AND GEOGRAPHY
GRADUATION REQUIREMENT MET: World History/Geography
PREREQUISITE: None
GRADE LEVELS: 10
CREDITS: .5 per semester

World History is a general survey course lasting two semesters. The primary focus of this course is to analyze and interpret the major eras and important turning points in World History from the age of enlightenment to the present. Through this analysis and evaluation students will develop connections useful for determining how physical, natural, and cultural processes impact where people live and how societies interact with one another. This course will include the use of critical thinking skills to understand and communicate the perspectives of individual groups and societies.

COURSE TITLE: AP WORLD HISTORY (WORLD HISTORY AND GEOGRAPHY/AP)
GRADUATION REQUIREMENT MET: World History/Geography
PREREQUISITE: Strongly suggest passing grade in previous History class
GRADE LEVELS: 10
CREDITS: .5 per semester

The AP World History course focuses on developing a greater understanding of the evolution of global processes and contacts in different types of human societies. This understanding will be developed through the combination of readings in the textbook, documents analysis and analytical writing assignments. The course highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. Specific themes provide further organization to the course as comparisons among major societies. Specific themes provide further organization to the course as student's piece together to evolution of world societies. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. All students taking this class will be required to take the AP exam given in May.

COURSE TITLE: AMERICAN HISTORY THROUGH WARS
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course offers an immersive exploration of American history through the lens of major wars that have shaped the nation. Students will analyze the social, economic, political, and cultural impacts of key conflicts, from the American Revolution to contemporary engagements. Through critical thinking, discussions, and historical analysis, students will gain insights into conflict resolution, diplomacy, and the ethical dimensions of war. This multidisciplinary course prepares students for informed civic engagement and future careers by fostering a deep understanding of America's past and the skills necessary for success in any field.

COURSE TITLE: UNITED STATES HISTORY AND GEOGRAPHY
GRADUATION REQUIREMENT MET: US History/Geography
PREREQUISITE: None
GRADE LEVELS: 11
CREDITS: .5 per semester

United States History and Geography is a two-semester course which analyzes and evaluates major eras, events, and individuals involved in United States History from Civil War to the present. Through this analysis and evaluation students will develop connections useful for determining how physical, natural, and cultural processes impact where people live and how societies interact with one another. This course will include the use of critical thinking skills to understand and communicate the perspectives of individual groups and societies.

COURSE TITLE: AP UNITED STATES HISTORY
GRADUATION REQUIREMENT MET: US History/Geography
PREREQUISITE: Strongly suggest passing grade in previous history class
GRADE LEVELS: 11
CREDITS: .5 per semester

U.S. History and Geography/AP is a two-semester course covering the period of Discovery in 1492 to the present. This course is designed to provide students with analytical skills and factual knowledge necessary to measure critical developments over the course of United States history. Demands of this class will be similar to those of an introductory college course. Students will learn to access historical materials and determine their relevance, reliability, and significance as related to an interpretive problem. The skills developed will allow students to arrive at conclusions based on informed judgments and to present reasons and evidence clearly and persuasively to support these conclusions in essay format. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. This course will prepare students for the AP U.S. History Exam given in May. All students will be required to take this exam.

COURSE TITLE: DUAL CREDIT UNITED STATES HISTORY TO 1877 (HI 113) (ONE SEMESTER)
GRADUATION REQUIREMENT MET: US History/Geography
PREREQUISITE: None
GRADE LEVELS: 11
CREDITS: .5

This course surveys the discovery, establishment, and growth of the English colonies; their relations with Great Britain; the revolution; the Confederation; the Constitution; the growth of nationalism; westward expansion; slavery; the Civil War; Reconstruction; economic, political, and social development; and international relations. This class will be available based on staffing.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number). ACCUPLACER placement tests are not required, but a student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

COURSE TITLE: DUAL CREDIT UNITED STATES HISTORY FROM 1877 (HI123) (ONE SEMESTER)
GRADUATION REQUIREMENT MET: US History/Geography
PREREQUISITE: None
GRADE LEVELS: 11
CREDITS: .5

This course studies the growth of big business and the accompanying problems; westward expansions; causes and results of World War I; the Great Depression of the 1930s and its consequences; causes of World War II; and the post war adjustments and prospective solutions. This class will be available based on staffing.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number). ACCUPLACER placement tests are not required, but a student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

COURSE TITLE: AP UNITED STATES GOVERNMENT AND POLITICS (ONE SEMESTER)
GRADUATION REQUIREMENT MET: US Government
PREREQUISITE: Strongly suggest passing grade in previous history class
GRADE LEVELS: 12
CREDITS: .5

The AP government course is designed to give students a critical perspective on politics and government in the United States. This involves both the studies of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions and groups. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. This course will prepare students for the AP U.S. Government and Politics Exam given in May. All students will be required to take this exam.

COURSE TITLE: DUAL CREDIT AMERICAN GOVERNMENT (GO213) (ONE SEMESTER)
GRADUATION REQUIREMENT MET: US Government
PREREQUISITE: None
GRADE LEVELS: 12
CREDITS: .5

This course examines the philosophic background of the Constitutional Convention, the legal and constitutional structure of the national government, and the relationships existing between the formal and informal groups seeking to make claim on or through the government. This class will be available based on staffing.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID numbers). ACCUPLACER placement tests are not required, but a student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

COURSE TITLE: AP MICROECONOMICS (ONE SEMESTER)
GRADUATION REQUIREMENT MET: Economics
PREREQUISITE: Strongly suggest passing grade in previous history class
GRADE LEVELS: 12
CREDITS: .5

AP Economics requires students to analyze determinates of supply and demand and the ways in which changes in these determinates affect equilibrium price and output. This course helps students make the important distinction between movements along the curves and shifts in the economic variations. This course will also emphasize the impact of government policies such as price floors and ceilings, excise taxes, tariffs, and quotas of the free market. Students will also be introduced to the concepts of consumer surplus, producer surplus, and market demands. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. This course will prepare students for the AP Economics Micro Exam given in May. All students will be required to take this exam.

COURSE TITLE: DUAL CREDIT INTRODUCTION TO ECONOMICS (EC 113) (ONE SEMESTER)
GRADUATION REQUIREMENT MET: Economics
PREREQUISITE: None
GRADE LEVELS: 12
CREDITS: .5

An introductory course in economics is designed for non-business majors. This course will introduce students to macro and micro economic principles and how they apply to individual well-being, society, and domestic and global issues in today's world. This class will be available based on staffing.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number). ACCUPLACER placement tests are not required, but a student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

COURSE TITLE: DUAL CREDIT PRINCIPLES OF MICRO ECONOMICS (EC 223) (ONE SEMESTER)
GRADUATION REQUIREMENT MET: Economics
PREREQUISITE: Algebra
GRADE LEVELS: 12
CREDITS: .5

This course presents micro-economic theory, concepts of supply and demand, input and output decisions in perfect and imperfect competition, distribution of income to factors, governmental regulation of business, and unions. This class will be available based on staffing.

This is a dual credit class through NMJC. Students who enroll in this class must apply to NMJC as a high school dual credit student and obtain an A number (NMJC ID number). ACCUPLACER placement tests are not required, but a student transcript will be required to be submitted with dual credit enrollment form to be evaluated for college readiness.

EC 223 is a standard Principles of Economics—Microeconomics course, and offers ready transfer to other community colleges as well as four-year institutions. The course is a basic requirement in most Business Administration, Accounting, Marketing, Management, and Finance degree plans (as well as others), and can fulfill a part of the Social Science requirement in other degree plans.

COURSE TITLE: UNITED STATES GOVERNMENT (ONE SEMESTER)
GRADUATION REQUIREMENT MET: US Government
PREREQUISITE: None
GRADE LEVELS: 12
CREDITS: .5

United States Government will assist students in acquiring knowledge of the structure, functions, and development of our system of government. This course will analyze the political institutions, processes, and civic values inherent in our political system and provide students the opportunity to develop and apply the skills needed to carry out civic responsibilities. It will also provide students the opportunity to analyze and compare political institutions, processes and civic values of the United States with those of other political systems as well as opportunities to develop appropriate democratic values and support for the American free enterprise system.

COURSE TITLE: ECONOMICS (ONE SEMESTER)
GRADUATION REQUIREMENT MET: Economics
PREREQUISITE: None
GRADE LEVELS: 12
CREDITS: .5

Economics is the study of how people and countries deal with the problem of scarcity-not enough goods and services to satisfy everyone's wants and needs. To understand this problem, students will study the market system, American business organizations, supply and demand, money and banking system, the national economy, international trade and other economic systems.

COURSE TITLE: **FILM STUDIES (ONE SEMESTER)**

GRADUATION REQUIREMENT MET:

Elective

PREREQUISITE:

Strongly suggest passing grade in English and Social Studies class for the previous year

GRADE LEVELS:

11 or 12

CREDITS:

.5

Film studies is a demanding one semester class that will challenge students to look at Hollywood film in a new way. This class will trace the Hollywood film industry from the beginnings of cinema in the 1890s through the current production cycle. Students will be expected to develop and use analytical skills to critique Hollywood film and offer their own historical insight into a given film's production and exhibition.

Students who are behind in credits or are lacking required courses will be placed in credit recovery/extended day classes. The following Social Studies courses are offered in credit recovery/extended day.

World History

United States History

United States Government

Economics

SPECIAL EDUCATION

Placement in any of the courses listed depends on an individualized evaluation and development of an Individualized Education Plan (IEP).

COURSE TITLE: ENGLISH 2
GRADUATION REQUIREMENT MET: English
PREREQUISITE: None
GRADE LEVELS: 10
CREDITS: .5 per semester

This course is based on individual skill development in reading literature and oral and written expression. In literature emphasis will be on short stories, poetry, nonfiction, and novels. Oral expression will focus on discussion of literary topics. Written expression will focus on writing sentences, paragraphs, and essays with clarity.

COURSE TITLE: ENGLISH 3
GRADUATION REQUIREMENT MET: English
PREREQUISITE: None
GRADE LEVELS: 11
CREDITS: .5 per semester

This course is designed to increase individual skill development in reading and responding to literature. Emphasis will be on American literary works and composing paragraphs and essays using effective writing techniques.

COURSE TITLE: ENGLISH 4
GRADUATION REQUIREMENT MET: English
PREREQUISITE: None
GRADE LEVELS: 12
CREDITS: .5 per semester

This course will continue individual skill development in reading, works of literature, and writing skills. Emphasis will be on reading and writing skills necessary to complete a research paper.

COURSE TITLE: NEW MEXICO HISTORY (ONE SEMESTER)
GRADUATION REQUIREMENT MET: New Mexico History
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5

This survey course supports students to become more knowledgeable and aware of the historical, cultural, economic, and political history of New Mexico and their geographical connections. Students will analyze the role that New Mexico plays in national and international arenas. The pace may be modified for individual students.

COURSE TITLE: WORLD HISTORY AND GEOGRAPHY
GRADUATION REQUIREMENT MET: World History and Geography
PREREQUISITE: None
GRADE LEVELS: 10
CREDITS: .5 per semester

This is a two-semester course that will trace civilizations through chronological periods from ancient times to the modern age. Emphasis will be on geography and the development and contributions of different cultures.

COURSE TITLE: UNITED STATES HISTORY AND GEOGRAPHY
GRADUATION REQUIREMENT MET: United States History and Geography
PREREQUISITE: None
GRADE LEVELS: 11
CREDITS: .5 per semester

This course will demonstrate how social, economic, cultural, political events, and physical geography interacted to help develop our country. Historical events from discovery of the new world to colonization, settlement, growth, and expansion will be included.

COURSE TITLE: UNITED STATES GOVERNMENT (ONE SEMESTER)
GRADUATION REQUIREMENT MET: United States Government
PREREQUISITE: None
GRADE LEVELS: 12
CREDITS: .5 per semester

This course will study the development of our system of government. Emphasis will be on the significance of the Declaration of Independence, the U. S. Constitution, and structures of our political system, and skills needed to apply and carry out civic responsibilities.

COURSE TITLE: ECONOMICS (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Economics
PREREQUISITE: None
GRADE LEVELS: 12
CREDITS: .5 per semester

This course is designed to study basic principles of economics. Emphasis will be on understanding the American economy, the principles of supply and demand, banking and money systems. Effects of economics in the everyday lives of people such as business, labor and wages, and personal budgeting will also be introduced.

COURSE TITLE: MATHEMATICS 2

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: None
GRADE LEVELS: 10
CREDITS: .5 per semester

This course will teach basic mathematical functions and process. Emphasis will be on life skills math, money skills for life, and budget skills for life.

COURSE TITLE: MATHEMATICS 3

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: None
GRADE LEVELS: 11
CREDITS: .5 per semester

This course will teach basic mathematical functions and process. Emphasis will be on consumer math, earning money, making purchases, and banking.

COURSE TITLE: MATHEMATICS 4

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: None
GRADE LEVELS: 12
CREDITS: .5 per semester

This course will teach basic mathematical functions and process. Emphasis will be on consumer math, preparing for careers, banking, and paying taxes.

COURSE TITLE: INTRO TO ALGEBRA (FULL YEAR)

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course is designed to introduce basic algebraic concepts and provide practical application of these concepts. Emphasis will be on simple equations, signed numbers, graphs, and literal numbers as they apply to everyday life. The pace may be modified for individual students.

COURSE TITLE: ALGEBRA 1 (FULL YEAR)

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

Simple equations, signed numbers, graphs, literal numbers, special products, factoring, algebraic fractions, ratio, proportion, radicals and equations will be studied in Algebra 1. The pace may be modified for individual students.

The successful completion of Algebra 1A and Algebra 1B will fulfill the Algebra 1 graduation requirement.

COURSE TITLE: IMP MATH

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Algebra 1
GRADE LEVELS: 10 or 11
CREDITS: .5 per semester

This course is to prepare students for Algebra 2. This course integrated algebraic and geometric concepts to prepare students for more advanced mathematic concepts. The pace may be modified for individual students.

COURSE TITLE: PLANE GEOMETRY

GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Algebra I
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course covers points, lines and angles in the plane, using proofs, parallel lines and transversals, the coordinate plane, triangles and quadrilaterals, congruent triangles, proportions and similarity, the Pythagorean Theorem, perimeter and area, circles and spheres, and an introduction to solid geometry. The pace may be modified for individual students.

COURSE TITLE: ALGEBRA 2
GRADUATION REQUIREMENT MET: Math
PREREQUISITE: Algebra 1 or Geometry
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course covers linear equations, functions and inequalities, quadratic equations and functions, polynomials, rational expressions, exponential functions and logarithmic functions, probability, binomial theory, measurement and statistics. The pace may be modified for individual students.

COURSE TITLE: SCIENCE
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This is a limited lab course giving the student a basic knowledge of how Biology, Chemistry, Physics, and Earth Science affect one's life. Emphasis will be placed on science as it is used in the home and at the place of work.

COURSE TITLE: INTEGRATED SCIENCE
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

This course is a basic study of integrated science concepts. This course includes one semester of earth science and biology concepts and one semester of physical science concepts. Students will spend time on laboratory experiments and will need basic math skills for this course. The pace may be modified for individual students.

COURSE TITLE: BIOLOGY
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course covers organization and classification living organisms and the interaction and relationship of living organisms with their environment. Plant, animal, and human body systems will be covered. The pace may be modified for individual students.

COURSE TITLE: EARTH SCIENCE
GRADUATION REQUIREMENT MET: Science
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course focuses on the fundamental earth science concepts related to the content areas which include examining the scientific theories of the origin, structure, energy, and evolution of Earth and its atmosphere, and their interconnections. Students will examine and analyze how scientific discoveries and their applications affect the world and explain how societies influence scientific investigations and applications. The pace may be modified for individual students.

COURSE TITLE: READING 1
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course is designed to aid the high school student who is experiencing difficulty in achieving his/her goals in his school studies because of inadequate reading skills and/or faulty reading habits. Instruction is tailored to meet the particular needs of each individual student.

COURSE TITLE: READING 2
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course is for the student who has completed Reading 1 or can pass equivalency tests. Reading 2 class offers further training in the development of reading comprehension skills, vocabulary skills, and test taking skills. These skills will allow the student to improve his/her work and test scores in the general education curriculum. A Reading Computer Lab is also available to help students increase and reinforce all reading skills.

COURSE TITLE: READING 3
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 10, 11, or 12
CREDITS: .5 per semester

This course is for the student who has completed Reading 2 or can pass equivalency tests. The students can further develop skills in critical reading. Reading materials from a variety of content areas are used in this class. This course will allow students to work more independently and improve their skills in all areas of academics.

COURSE TITLE: SOCIAL SKILLS/STUDY SKILLS

GRADUATION REQUIREMENT MET: Elective
 PREREQUISITE: Instructor Approval
 GRADE LEVELS: 10, 11, or 12
 CREDITS: .5 per semester

The student will better understand his/her role through discussion of the interrelationships of life in the neighborhood, family, and community. This course focuses on the need to understand one's emotions and will be developed through relationships with others. Socially appropriate behavior and dealing with moods will be stressed. This course provides organized step-by-step tools which will help students achieve success in school. This class will focus on different learning styles, time management and organizational skills, note taking skills, reading skills, memory and test-taking skills.

COURSE TITLE: DAILY LIVING SKILLS

GRADUATION REQUIREMENT MET: Elective
 PREREQUISITE: None
 GRADE LEVELS: 10, 11, or 12
 CREDITS: .5 per semester

This course will provide individual instruction in developing social skills and self-help skills at home, in the community, at work, and at school. Emphasis will be on improving independent levels of functioning in all environments.

COURSE TITLE: FUNCTIONAL ACADEMICS

GRADUATION REQUIREMENT MET: Elective
 PREREQUISITE: None
 GRADE LEVELS: 10, 11, or 12
 CREDITS: .5 per semester

This course is to teach F.A.C.E.S (Functional Academic Curriculum for Exceptional Students) which incorporates domestic, community, vocational, recreation/leisure in a format that coincides with traditional academic subject areas. The curriculum teaches functional age-appropriate skills in Language Arts, Math, Social Studies, Science, Personal Health, and Vocational areas. This curriculum is aligned with standards and benchmarks specified in the New Mexico Expanded Grade Band Expectations.

COURSE TITLE: STUDY SKILLS

GRADUATION REQUIREMENT MET: Elective
 PREREQUISITE: None
 GRADE LEVELS: 10, 11, or 12
 CREDITS: .5 per semester

This course is designed to assist students in learning the concepts and curriculum in their general education classes. This course provides organized step-by-step tools which will help students achieve success in school. This class will focus on different learning styles, time management and organizational skills, note taking skills, reading skills, memory and test-taking skills.

COURSE TITLE: WORK ADJUSTMENT

GRADUATION REQUIREMENT MET: Elective
 PREREQUISITE: None
 GRADE LEVELS: 10, 11, or 12
 CREDITS: .5 per semester

Students will learn how to get and keep a job. Students will learn United States and New Mexico employment rules and regulations. Students learn to locate employment options, fill out applications, and interview for jobs. Once students have jobs, they learn how to maintain peak job performance and develop skills for day-to-day employment and/or job advancement. Students map out career goals for the future.

COURSE TITLE: JOB EXPERIENCE

GRADUATION REQUIREMENT MET: Elective
 PREREQUISITE: None
 GRADE LEVELS: 10, 11, or 12
 CREDITS: .5 per semester

This is a work-study course in which students find their own jobs or are assisted in obtaining a job in the community. When needed, job coaches are provided. The employer and the teacher evaluate job performance. Students must have a job to be enrolled in this course.

COURSE TITLE: WORK PREPARATION

GRADUATION REQUIREMENT MET: Elective
 PREREQUISITE: None
 GRADE LEVELS: 10, 11, or 12
 CREDITS: .5 per semester

Students receive instruction and gain skills in particular work type situations. Emphasis will be on building skills needed in order to obtain and maintain employment. It is not paid employment.

COURSE TITLE:	COMMUNITY BASED INSTRUCTION
GRADUATION REQUIREMENT MET:	Elective
PREREQUISITE:	None
GRADE LEVELS:	12+ STUDENTS ONLY
CREDITS:	.5 per semester

This course places a special emphasis on the student's relationship to the surrounding community. Instruction varies with the students and their needs and IEP's; however, these courses provide the skills necessary for independent functioning within the surrounding environment. Course topics may include available community resources and how to access them; emergency skills, and independent living strategies.

NINTH GRADE CURRICULUM

EXPLANATION OF THE CURRICULUM

Students begin earning credits toward graduation during their ninth-grade year. Twenty-six (26) credits are required in grades 9-12 for graduation. Students may earn seven (7) credits during their ninth-grade year. Participation in an after-school sport or sports for a full year will earn the student an additional one-half (1/2) credit.

Six subjects in the ninth grade are required in certain fields because they are considered essential to everyone's general education background. They also qualify students for any of the several routes of study available to them in the senior high school. Students who fail English 1, Math, Health, or New Mexico History must make up the failed course in credit recovery, alternative school, or credit recovery.

Pre-AP courses will be offered to students in English 1, Plane Geometry. 9th grade students will also have the opportunity to take AP Human Geography and Honors Physics and Art Fundamentals Honors.

SCHEDULE CHANGES

Schedule changes may be requested beginning the first two (2) weeks of June in the Guidance Office of Hobbs Freshman High School from 8:00 a.m. to 3:00 p.m., Monday through Thursday and 8:00 a.m. to 12 p.m. on Fridays. No schedule changes will be allowed once school begins, except for AP and Pre-AP classes. A contract will be observed for AP and Pre-AP students which will explain the procedure for schedule changes once school begins. Parents do not have to be present to initiate a schedule change. However, if the student requests a change which alters the Next Step Plan a parent signature will be required. Students can come to the Guidance Office during business hours and make the change. If you are planning to be out of town during this two-week period, please contact the Guidance Office at 433-0300 and make the necessary arrangements. Schedule changes may be accommodated as long as class loads are strictly observed. For example, by state law, English classes may have no more than 30 students per class period. All other teachers may have no more than a total of 160 students per day. If the schedule change request places the teacher over their class load requirement, then the change will be denied.

We will make every effort to help you and your student have a successful and productive year. In many instances, the schedule is the pivotal piece of the equation. It is important to note, again, that there will be no schedule changes once school begins in August. Please take this opportunity to make any schedule change the first two (2) weeks in June.

CORE SUBJECTS

COURSE TITLE:

GRADUATION REQUIREMENT MET:

PREREQUISITE:

GRADE LEVELS:

CREDITS:

SPANISH LANGUAGE ARTS I

Elective

Score less than a 5.0 on the W-APT (placement test) or less than a 5.0 on the ACCESS (English proficiency test) or instructor approval. This class is for Spanish monolingual and ELL students.

9

.5 per semester

This course is designed to improve reading, speaking, listening and comprehension skills, and to emphasize writing and grammar skills. The students will be placed in the Spanish Language Arts program according to their W-APT or ACCESS for ELLs scores or teacher recommendation. This course and all assignments are to be completed in the student's home/native language.

COURSE TITLE:

GRADUATION REQUIREMENT MET:

PREREQUISITE:

GRADE LEVELS:

CREDITS:

ENGLISH 1

English

None

9

.5 per semester

The main course of study for this class is literature along with oral and written communication skills. The literary emphasis will be on components of fiction, nonfiction, drama, and poetry.

COURSE TITLE:

GRADUATION REQUIREMENT MET:

PREREQUISITE:

GRADE LEVELS:

CREDITS:

ENGLISH 1/PRE-AP

English

None

9

.5 per semester

An introduction to the study of literature with an emphasis on literary analysis and upper-level, critical-thinking, promoting effective communication skills in the area of reading, writing, speaking, and listening.

This course emphasizes the use of literature in all genres (fiction, nonfiction, drama, and poetry) to promote effective communication skills in the area of reading, writing, listening, and speaking and utilizes Common Core State Standards as the benchmark for student mastery.

COURSE TITLE: ENGLISH 1 ESL

GRADUATION REQUIREMENT MET: English
 PREREQUISITE: Score less than a 2.0 on the W-APT (English placement test) or instructor approval.
 GRADE LEVELS: 9
 CREDITS: .5 per semester

This course is offered to students who are non-English speakers, English Language Learners and are new to the United States. Students are instructed using ESL methods, strategies and techniques in English. This course is designed to teach basic English literature, grammar, reading, and writing. This course is designed to prepare students for the English 2 ELL class.

COURSE TITLE: ENGLISH 1 ELL

GRADUATION REQUIREMENT MET: English
 PREREQUISITE: Score less than a 5.0 on the W-APT (placement test) or less than a 5.0 on the ACCESS (English proficiency test) or instructor approval.
 GRADE LEVELS: 9
 CREDITS: .5 per semester

This course is offered to students who are English Language Learners. Students are instructed using ESL methods, strategies, and techniques. The course is designed to teach English literature, grammar, reading, and writing. This course will prepare students for the English 2 course.

COURSE TITLE: BIOLOGY 1

GRADUATION REQUIREMENT MET: Science
 PREREQUISITE: None
 GRADE LEVELS: 9
 CREDITS: .5 per semester

This year long high school course engages students in the study of life and living organisms, and examines biology and biochemistry in the real world. The course encompasses traditional concepts in biology and encourages exploration of new discoveries in the field. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, and ecology. Students will develop a thorough understanding of content as well as improve key skills like communication, collaboration, inquiry, problem solving, and creative thinking.

COURSE TITLE: BIOLOGY 1/PRE-AP

GRADUATION REQUIREMENT MET: Science
 PREREQUISITE: None
 GRADE LEVELS: 9
 CREDITS: .5 per semester

This year long high school course engages students in the study of life and living organisms. The components include how the process of evolution drives the diversity and the unity of life; how growth and reproduction in biological systems are dependent upon the cycling of matter and the transformation of energy; how biological systems, occurring at various scales, respond and adapt to stimuli in order to maintain dynamic homeostasis; and how genetic mechanisms are essential to maintaining biological systems. The Pre-AP Biology areas of focus are on an emphasis on analytical reading and writing, strategic use of mathematics and attention to modeling. Students will be required to use the Pre-AP Biology College Board Platform. Students are required to complete learning checkpoints and performance tasks.

COURSE TITLE: NEW MEXICO HISTORY (ONE SEMESTER)

GRADUATION REQUIREMENT MET: New Mexico History
 PREREQUISITE: None
 GRADE LEVELS: 9
 CREDITS: .5

This survey course supports students to become more knowledgeable and aware of the historical, cultural, economic, and political history of New Mexico and their geographical connections. Students will analyze the role that New Mexico plays in national and international arenas.

COURSE TITLE: HEALTH (ONE SEMESTER)

GRADUATION REQUIREMENT MET: Health
 PREREQUISITE: None
 GRADE LEVELS: 9
 CREDITS: .5

This course will provide students with a general introduction to community health, disease prevention, and control, environmental health, injury prevention and safety, mental and emotional health, nutrition, personal health, physical and social development, HIV-AIDS, and substance use and abuse.

Every student must take one of the following courses. Your eighth-grade math teacher will help you select the course which will be of the most value to you.

COURSE TITLE: ALGEBRA 1

GRADUATION REQUIREMENT MET: Math
 PREREQUISITE: Pre-Algebra/Math 8
 GRADE LEVELS: 9
 CREDITS: .5 per semester

Solving equations and inequalities, linear equations, linear functions, systems of linear equations and inequalities, exponents, polynomials and factoring, quadratic functions, solving quadratic equations, and working with functions.

COURSE TITLE: GEOMETRY WITH STATISTICS/PRE-AP

GRADUATION REQUIREMENT MET: Math
 PREREQUISITE: Algebra 1/Pre-AP
 GRADE LEVELS: 9
 CREDITS: .5 per semester

This course is designed to develop powers and habits of careful, accurate, logical, and independent thinking. Students are expected to think about data sets as distributions which are functions that associate data values with their probability. Geometric relationships in planes (including the coordinate plane) and space will be explored. Methods for both formal and informal proof will also be explored. Students will be required to use the Pre-AP Geometry with Statistics College Board Platform.

COURSE TITLE: ALGEBRA 2/HONORS

GRADUATION REQUIREMENT MET: Math
 PREREQUISITE: Geometry must be completed in summer school
 GRADE LEVELS: 9
 CREDITS: .5 per semester

Linear functions and systems, quadratic functions and equations, polynomial functions, rational functions, rational exponents and radical functions, exponential and logarithmic functions, trigonometric equations and identifies, conic sections, matrices, data analysis and statistics, and probability.

****Algebra 1/Pre-AP and Geometry taken in the 8th grade will count as a *math* credit at Hobbs High School. These classes do not count towards GPA.**

ELECTIVE SUBJECTS

Special Note: All elective subjects last the full year unless otherwise designated. Elective subjects will be offered if there are enough student requests to make a class. If there are not enough students to justify a class, the students who elect it will be given their next choice.

COURSE TITLE: AP HUMAN GEOGRAPHY

GRADUATION REQUIREMENT MET: Elective
 PREREQUISITE: None
 GRADE LEVELS: 9
 CREDITS: .5 per semester

This course will provide students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students will employ special concepts and landscape analysis to analyze human social organization and its environmental consequences. They will also learn about the methods and tools geographers use in their science and practice. Digital activation with College Board is required in order to progress through the course framework, along with Units of Study and Progress Reports. This process ensures that AP courses meet or exceed the curricular and resource expectations that college and secondary school faculty have established for college-level courses. This course will prepare students to take the AP Human Geography Exam in May. All students will be required to take this exam.

COURSE TITLE: AVID HONORS

GRADUATION REQUIREMENT MET: Career Cluster
 PREREQUISITE: Application Process – Must be Accepted
 GRADE LEVELS: 9
 CREDITS: .5 per semester

AVID, which stands for Advancement Via Individual Determination, is a college-readiness program designed to help students develop the skills they need to be successful in college. The program places special emphasis on growing writing, critical thinking, teamwork, organization, and reading skills.

COURSE TITLE: HIGH SCHOOL 101

GRADUATION REQUIREMENT MET: Career Cluster
 PREREQUISITE: None
 GRADE LEVELS: 9
 CREDITS: .5 per semester

Within this course, students explore a wide variety of career opportunities and develop a plan for their remaining three years of high school and beyond. This course supports the development of important employability skills, basic life skills, thinking skills, personal qualities, resources, interpersonal skills, information systems, and technology. Students will utilize the 7 Habits of Highly Effective Teens and The 6 Most Important Decisions curriculum.

COURSE TITLE: MATH INTERVENTION

GRADUATION REQUIREMENT MET: Elective
 PREREQUISITE: Placement by school staff based on math proficiency
 GRADE LEVELS: 9
 CREDITS: .5 per semester

Math Intervention is a course designed to help the struggling math student develop mastery in general mathematics, algebra, functions, graphs, geometry, data analysis, probability and statistics. The course will focus on applying mathematics to real world situations and problem solving.

*The grades for these courses will not be used to compute grade point averages (GPA). Therefore, an equalization formula will be used to adjust the GPA for the semesters in which the course was taken. This formula will negatively impact the GPA.

COURSE TITLE: OFFICE ASSISTANT*

GRADUATION REQUIREMENT MET:

Elective

PREREQUISITE:

Instructor approval

GRADE LEVELS:

9

CREDITS:

.5 per year

Prior approval from staff of the attendance office or counseling office is required for enrollment. Requirements for approval include a good attendance record, average-to-good grades, neat appearance, friendly attitude, and willingness to work at assigned tasks. Both boys and girls may be accepted. The work will include running errands, filing, answering phones, assembling materials for distribution and helping assist students who come to the office. It is helpful to have some typing experience, but it is not necessary. Students who sign up to be office assistants should realize that all materials dealing with school business are confidential.

COURSE TITLE: INTRODUCTION TO YEARBOOK/JOURNALISM

GRADUATION REQUIREMENT MET:

Elective

PREREQUISITE:

Instructor approval. Document Processing 1 recommended

GRADE LEVELS:

9

CREDITS:

.5 per semester

In this class, students will be introduced to the basics in yearbook production and to the elementary aspects of media news. They will be responsible for the production of the yearbook and quarterly newsletters. Students working on the yearbook will learn basic copy writing, proofreading, editing, layout, and graphics. Extra work outside of school hours will be required to meet the deadlines throughout the year. Grades will be determined by fulfillment of assigned duties and requirements outlined in the yearbook contract. Students working on the newsletter will be exposed to the history of American journalism, Associated Press news writing style, interviewing techniques for newspaper, captioning, and identifying legal issues such as journalistic ethics, libel, and slander. Students will also be introduced to the principles of using graphics and headlines as well as the basics of newspaper production.

COURSE TITLE: INTRO TO THE SCIENCE OF AGRICULTURE

GRADUATION REQUIREMENT MET:

Elective

PREREQUISITE:

None

GRADE LEVELS:

9

CREDITS:

.5 per semester

The local, national, and global definitions, history, and scope of agriculture in society is covered in this course. It also covers plant and animal sciences, production and processing; agricultural mechanics, including tool and machine operation; business and natural resource management; management of food and fiber systems; soil characteristics, formation and properties; and development of leadership and communication skills.

COURSE TITLE: BAND 1

GRADUATION REQUIREMENT MET:

Elective

PREREQUISITE:

One or more years of Band experience

GRADE LEVELS:

9

CREDITS:

.5 per semester

Any student who has had one or more years of band instruction is eligible for participation. When student enrollment allows, classes will be arranged in two groups - intermediate and advanced. Placement in those groups will be made by audition and/or teacher recommendation. Participation includes marching and concert band activities. HHS Eagle Band students will participate in the HHS Eagle Marching Band in the fall semester. Required HHS Eagle Marching Band activities are as follows: football games, marching competitions, parades, pep assemblies, extra rehearsals and sectionals, and other public performances. In the spring semester students will participate in concert band activities at the HFHS campus. Required HFHS Concert Band activities are as follows: Festival contest, solo & ensemble recital, sectionals, extra rehearsals, and other public performances. Other activities include All-District Band auditions and clinic, All-State Band auditions and clinic, and solo & ensemble festival. (Do not sign up for band unless you can fulfill marching and concert band requirements.)

COURSE TITLE: CONCERT CHOIR

GRADUATION REQUIREMENT MET:

Elective

PREREQUISITE:

By audition

GRADE LEVELS:

9

CREDITS:

.5 per semester

This intermediate/advanced choir is for students who have satisfactorily completed at least one year of vocal music in Junior High or who have otherwise qualified through past musical experience for an advanced course in vocal music. This course is designed for students seeking placement in A Cappella or Treble Tones Choirs. An audition will be given to each student entering the class. Class work will consist of intermediate study in harmony, ear training, rhythmic exercises, and sight singing. The Concert Choir participates in public performances, district solo, ensemble and choral festivals, and All-State Choir. Some students will be assigned to small ensembles where there will be an opportunity for individual training. Participation in performances outside of school time will constitute a part of this course and will be used in determining the student's grade.

COURSE TITLE: ART FUNDAMENTALS

GRADUATION REQUIREMENT MET:

Elective

PREREQUISITE:

None

GRADE LEVELS:

9

CREDITS:

.5 per semester

This course will offer a comprehensive foundation in the basic areas of art with an emphasis on the principles and elements of design. It is tailored to stimulate creative and critical thinking, to encourage students to work experimentally, and to explore the possibilities of a variety of art materials. Art Fundamentals should foster original work as well as promote an awareness of art history and its relationship to our vast cultural heritage which is essential for an understanding and appreciation of art today. Activities will include drawing, painting, sculpture, printmaking, ceramics, and art appreciation.

COURSE TITLE: ART FUNDAMENTALS/PRE-AP
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: 8th grade art AND teacher recommendation
GRADE LEVELS: 9
CREDITS: .5 per semester

Art Fundamentals/Pre-AP is the beginning class for students planning to continue in art throughout high school, working toward the submission of an AP portfolio during the junior and/or senior year. Along with an emphasis on the elements and principles of design, students will be introduced to the AP Portfolio requirements. The class will foster original work while developing good craftsmanship and a realization that the creative process requires time, dedication and working to one's full potential. Activities will include drawing, painting, sculpture, printmaking, ceramics and art appreciation. This course is designed for serious art minded students and to prepare them for the rigors of Advanced Pre-AP and AP Studio Art classes. There is mandatory homework that relates to the concepts and techniques taught in this class.

COURSE TITLE: INTRODUCTION TO SKILLS (LEADERSHIP SKILLS)
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

Skills is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. Skills helps each student excel. Skills's mission is to empower its members to become world-class workers, leaders, and responsible American citizens.

Skills improves the quality of America's skilled workforce through a structured program of citizenship, leadership, employability, technical and professional training. Skills enhances the lives and careers of students, instructors, and industry representatives as they strive to be champions at work.

This course is designed to strengthen students' personal and group leadership skills. Topics such as public speaking, effective communication, program of work, parliamentary law, government structure, and work ethics are studied. Students may be able to earn the Presidential Volunteer Service Award through participation in various service projects in their school, local, and state communities. The opportunity to compete at the Skills State competitions in Albuquerque, NM will be available to all students and, if qualified, travel to compete at the National level in Louisville, Kentucky. Students will begin the Professional Development Program also known as PDP (see more below).

About the award-winning PDP

The award-winning Professional Development Program (PDP) is a curriculum that gives students a seamless education that takes them from school to work. In fact, it can be used to design a school-based/workforce learning program. The Professional Development Program guides students through more than 84 separate employment skills. These include goal setting, career planning and community service. The PDP is a self-paced curriculum for high school and college students. The curriculum involves local industry and is flexible enough to use in college, high school, academic, career-training and special needs programs.

COURSE TITLE: THEATRE 1 (BEGINNING)
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

This entry level theatre class is designed for students seeking to become part of Studio Theatre. Through participation in dramatic activities, the student will gain understanding of the stage, set building and design, the history of theatre, and develop their performance techniques as an actor. Theatre 1 students will have their own performance once a year in which everyone in the class is required to participate. This participation entails some outside of school time which will constitute a part of this course and will be used in determining the student's grades.

COURSE TITLE: CAREER EXPLORATION TECHNOLOGY LAB
GRADUATION REQUIREMENT MET: Career Cluster
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

This class is an introduction to a variety of career technology pathways. Students will have the opportunity to explore various technology and skills-oriented career pathways, such as Mechatronics, 3D printing, 4-stroke engines, residential electricity, residential plumbing, CNC machining, robotics, industrial motors, medical forensics, and 3D simulation (Z-space). Students will work in small groups, rotating through various training modules. Students will spend 15 days at each module to complete various hands-on activities. This class will prepare students for entry into a variety of career tech pathways.

COURSE TITLE: SPANISH 1
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

This is a course dealing with the fundamentals. Stress is on acquiring a usable everyday vocabulary and understanding Spanish and Latin American culture. Use of tapes, videos, drills, and guided conversations allow the student to practice Spanish, to hear native speakers, and to gain insight into the culture of Spain and Latin America. A strong knowledge of English grammar is recommended.

COURSE TITLE: OFFICIATING OF SPORTS

GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: A background or strong interest in athletics
GRADE LEVELS: 9
CREDITS: .5 per semester

This course is an elective course that focuses on the professional philosophy and professional requirements for officiating volleyball, football, basketball, soccer, baseball, and softball. Upon completion of the course, students will be afforded the option of taking certification exams in any of the sport components and becoming a certified official with the New Mexico Activities Association at the middle school level. Students can be employed to officiate games in Hobbs once certified. Refreps online curriculum will be utilized.

COURSE TITLE: PHYSICAL EDUCATION 1

GRADUATION REQUIREMENT MET: Physical Education
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

In this course of participation in conditioning exercises, games, and sports activities, special emphasis is placed on cleanliness, good grooming, and proper attitudes. Each student is required to change to gym clothes for the class, and tennis shoes are required. *This class will fulfill the high school physical education requirement.*

COURSE TITLE: WEIGHT TRAINING 1

GRADUATION REQUIREMENT MET: Physical Education
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

This class is designed for students interested in getting stronger physically. Weight training fulfills the required physical education credit for graduation. The class will seek to improve the following areas:

1. Muscular strength and endurance conditioning
2. Flexibility
3. Speed
4. Agility
5. Quickness

The training will be consistent, progressive, and specific.

COURSE TITLE: FOOTBALL

GRADUATION REQUIREMENT MET: Physical Education
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

This is a class for boys participating in football and *will fulfill the Physical Education graduation requirement if taken prior to grade 12.* This class will provide students with:

1. Football skills such as blocking, tackling, throwing, kicking, punting, running, and catching.
2. Football knowledge—basic offenses and defenses will be taught along with special situations.
3. Improved physical football skills such as quickness, endurance, strength, running, and agility.

COURSE TITLE: BASKETBALL

GRADUATION REQUIREMENT MET: Physical Education
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

This is a class for boys and girls participating in basketball and *will fulfill the Physical Education graduation requirement if taken prior to grade 12.* This class will provide students with:

1. Basketball skills such as passing, dribbling, shooting, and free throws.
2. Basketball knowledge—basic offenses and defenses will be taught along with special situations.
3. Physical skills for basketball such as quickness, running, jumping, and agility

COURSE TITLE: VOLLEYBALL

GRADUATION REQUIREMENT MET: Physical Education
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

This is a class for girls participating in volleyball and *will fulfill the Physical Education graduation requirement if taken prior to grade 12.* This course will seek to improve and maintain the following:

1. Volleyball fundamental skills, passing, setting, spiking, and digging.
2. Volleyball knowledge—learn offensive and defensive volleyball schemes.

3. Improved physical volleyball skills such as quickness, endurance, strength and explosiveness in jumping.

COURSE TITLE: ATHLETICS
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per year

Students must participate in one fall sport and one spring sport in order to receive this credit. Credit of this course will not count toward the honor roll or grade point average. Participation in three (3) sports seasons prior to grade 12 will fulfill the Physical Education graduation requirement. Prospective honor graduates must take this as an additional unit. This course is used to determine eligibility.

Fall Sports		Spring Sports	
Boys	Girls	Boys	Girls
Football	Volleyball	Basketball	Basketball
Cross Country	Cross Country	Track & Field	Track and Field
Soccer	Soccer	Baseball	Softball
Swimming/Diving	Swimming/Diving	Wrestling	Wrestling
Cheerleading	Cheerleading	Cheerleading	Cheerleading
Golf	Golf	Golf	Golf
Tennis	Tennis	Tennis	Tennis
Marching Band	Marching Band		

SPECIAL EDUCATION

Placement in any of the courses listed depends on an individualized evaluation and development of an Individualized Education Plan (IEP).

COURSE TITLE: ENGLISH 1
GRADUATION REQUIREMENT MET: English
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

This course is based on individual skill development in reading literature and oral and written expression. In literature emphasis will be on short stories, poetry, nonfiction, and novels. Oral expression will focus on discussion of literary topics.

COURSE TITLE: MATHEMATICS 1
GRADUATION REQUIREMENT MET: Math
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

This course will teach basic mathematical functions and process. Emphasis will be on use of mathematical principles in everyday applications.

COURSE TITLE: ALGEBRA 1
GRADUATION REQUIREMENT MET: Math
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

Simple equations, signed numbers, graphs, literal numbers, special products, factoring, algebraic fractions, ratio, proportion, radicals, and equations will be studied in Algebra 1. It is the springboard class for all higher math offered in high school.

COURSE TITLE: DAILY LIVING SKILLS
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

This course will provide individual instruction in developing social skills and self-help skills at home, in the community, at work, and at school. Emphasis will be on improving independent levels of functioning in all environments.

COURSE TITLE: STUDY SKILLS
GRADUATION REQUIREMENT MET: Elective
PREREQUISITE: None
GRADE LEVELS: 9
CREDITS: .5 per semester

This course is designed to assist students in learning the concepts and curriculum in their general education classes. This class will focus on different learning styles, time management and organization, note taking, and test taking skills.

ALTERNATIVE LEARNING CENTER COURSES

The following courses may be completed at the Alternative Learning Center. Students may receive 8 credits at the Alternative Learning Center per year.

ENGLISH 1
ENGLISH 2
ENGLISH 3
ENGLISH 4
CRITICAL READING AND EFFECTIVE WRITING
INTRO TO ALGEBRA-9TH GRADE ONLY
ALGEBRA 1
GEOMETRY
INTEGRATED MATH
ALGEBRA 2
PRE-CALCULUS
FINANCIAL ALGEBRA
PHYSICS
EARTH SCIENCE
PHYSICAL SCIENCE
INTEGRATED SCIENCE
BIOLOGY
CHEMISTRY
ASTRONOMY/METEOROLOGY/GEOLOGY (AMG) HONORS
HEALTH**
NEW MEXICO HISTORY
WORLD HISTORY
UNITED STATES HISTORY
UNITED STATES GOVERNMENT
ECONOMICS
INTRODUCTION TO SOCIOLOGY
MULTICULTURAL STUDIES
FAMILY AND CONSUMER SCIENCE
HUMAN DEVELOPMENT
FAMILY LIVING
CAREER PLANNING
HOSPITALITY SERVICES WORK PROGRAM
DOCUMENT PROCESSING 1
DESKTOP PUBLISHING
FOUNDATIONS OF ENTREPRENEURSHIP
COMPUTER GRAPHICS I
STUDY SKILLS
INDUSTRIAL COOPERATIVE TRAINING
BUSINESS EDUCATION
DRIVER'S EDUCATION
STUDENT ASSISTANT
TEEN PARENTING LAB
TEEN PARENTING 1
TEEN PARENTING 2
TEEN PARENTING 3
TEEN PARENTING 4
PE*

HIGH SCHOOL 101
PROJECT SUCCESS
MATRIX

CREDIT RECOVERY COURSES

The following courses may be completed in Credit Recovery

ENGLISH 1
ENGLISH 2
ENGLISH 3
ENGLISH 4
INTRO TO ALGEBRA
ALGEBRA 1
GEOMETRY
ALGEBRA 2
PHYSICS
CHEMISTRY
EARTH SCIENCE
PHYSICAL SCIENCE
BIOLOGY 1
WORLD HISTORY
UNITED STATES HISTORY
UNITED STATES GOVERNMENT
ECONOMICS

**AVAILABLE TO STUDENTS WHO HAVE NOT COMPLETED THE HEALTH CLASS IN 9TH GRADE.