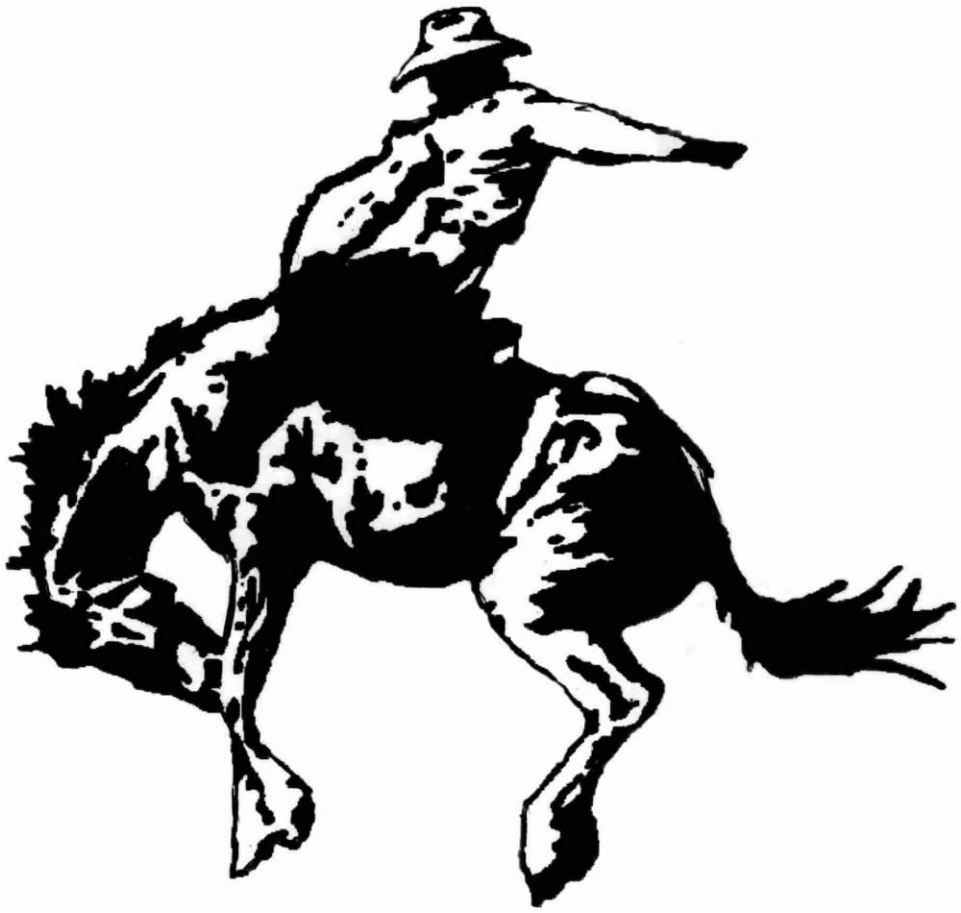
Wickenburg High School

Course Catalog

2010-2011



Wickenburg Wranglers

Cover by Danielle Kalmi

WICKENBURG HIGH SCHOOL PROFILE 2009-2010

COMMUNITY: Wickenburg is a western town nestled in the foothills of the Bradshaw Mountains in the Hassayampa River Valley of Arizona. Famous for its dude ranches and friendliness, Wickenburg welcomes everyone. It is located in the northernmost portion of Maricopa county, approximately 55 miles northwest of Phoenix.

SCHOOL: Wickenburg High School is part of the Wickenburg Unified School District #9, covering an area of approximately 729 square miles and serves students from three counties: Maricopa, Yavapai, and La Paz. Wickenburg's small town atmosphere provides a safe and secure setting for students to learn and grow. Wickenburg High School is accredited by North Central Association of Schools and colleges.

CURRICULUM: Wickenburg High offers classes in twelve curriculum areas preparing students for post-secondary opportunities at the unskilled, skilled and professional levels in all six of Arizona's Career Pathways. There are six Advanced Placement (AP) courses in which college as well as high school credit may be earned. In addition to a regular high school diploma, students may graduate as a completer in one of several vocational areas.

GRADES: The following grades may be earned: A (100% - 90%) = Outstanding achievement; B (89% - 80%) = Above average achievement; C (79% - 70%) = Average achievement; D (69% - 60%) = Below average achievement and F (59% - 0%)= Failing performance. NC = No Credit is given when a student enters too late in the semester to award credit for the class or loses credit. W = Withdrawal is given when a student withdraws from a course prior to the end of the grading period. No credit is awarded when a student withdraws. P = Pass and F = Fail.

G.P.A. (GRADE POINT AVERAGE): Numeric values are assigned to letter grades: A = 4.0; B = 3.0; C= 2.0; D = 1.0; and F = 0. A GPA is calculated by adding points for each grade earned and dividing the total by the number of classes taken. All classes may not be used to calculate a GPA. For example, some colleges may only calculate the GPA of core classes. The GPA is recorded on the student transcript each semester and is often used for determining eligibility for scholarships, college entrance, student ranking, insurance reduction and participation in extracurricular activities including sports and employment. A GPA for a transcript is cumulative (grades are calculated beginning from the first semester grades in 9th grade to the student's present semester grades). Beginning with the class of 2012 WHS will use weighted grades.

CLASS RANKS: Students in each class (freshman, sophomore, junior and senior) are ranked using their GPA's. Students with the highest (4.0) GPA are ranked #1. When a tie for ranking is determined, additional criteria will be used to determine rank. Beginning with the class of 2011, the ranking formula has changed. See page 5 of the catalog for details.

CREDITS: Twenty-two (22) Carnegie units/credits are required for high school graduation. (English - 4; Math - 3; Social Studies - 4; Sciences - 3; Physical Education - 1; Vocational or Fine Arts - 1 and Electives - 6). Transfer credits are evaluated and awarded to meet WHS requirements whenever possible. Beginning with the class of 2013, the number of required Math credits is 4 and Elective credits is 5.

POST HIGH SCHOOL: Individuals, businesses, and various community groups support Wickenburg High School students as they prepare for post-secondary education and employment by providing opportunities for mentoring, job shadowing and internships. The community displays remarkable financial support by presenting a generous array of scholarships in the spring to assist students who are bound for college and vocational institutions. Historically, about fifty percent of WHS graduates attend college their first year following high school. Five to ten percent pursue vocational training. Approximately ten percent join the military and thirty percent enter the workforce.

TABLE OF CONTENTS

Letter from the Principal 3

I. GENERAL INFORMATION 4
Entrance Requirements.....4
Graduation Information.....4
Valedictorian & Salutatorian 4-5
AIMS Information.....5
University and College Requirements 6
Transfer of Credits.....7
Test Out Procedures 8
Early Graduation.....8
Failing Grades 8
Course Information 8
Commencement Participation 9

II. REGISTRATION & SCHEDULING PROCESS 10
New Student … 10
Freshman Student 10
Continuing Student 11
Schedule Changes 11

III. PROGRAMS OF STUDY 13

IV. STUDENT TIMELINE 14

V. COURSE DESCRIPTIONS 19
CTE 19
Computer Science 22
English Language Learner 23
Foreign Language 24
Language Arts 25
Mathematics 28
Performing Fine Arts.....31
Physical Education 33
Science.....34
Social Studies.....36
Special Education.....40
Visual Arts 41
Non-Departmental Offerings.....41

WICKENBURG HIGH SCHOOL
1090 South Vulture Mine Road
Wickenburg, Arizona 85390
(928)-684-6600

Dear Student:

We are pleased that you have chosen to enroll at Wickenburg High School, home of the Wranglers.

You will want to refer to the requirements for graduation and your post-secondary plans as you select your courses. Consider your selections for the year very carefully, as schedule changes will be limited. As you select your electives, please note the following:

- All courses listed in this catalogue may not be offered
- Actual course offerings will be determined by enrollment, staffing, funding and schedule constraints
- Select **two** alternate elective courses in the event your first choice is not offered, or full

Also, please be aware that at the time of printing, the Arizona Department of Education is proposing major changes to the state graduation requirements. As those changes are made, your schedule may be affected.

If you or your parents have questions about your schedule for next year, please contact the Guidance Department.

Once again, we are glad you have selected Wickenburg High School. We look forward to a rewarding 2010-2011 school year.

Sincerely,

Jacquelyn Jacobson
Principal

GENERAL INFORMATION

ENTRANCE REQUIREMENTS

To register at Wickenburg High School, there are several requirements which must be met. The following will need to be provided by the entering student at registration.

- Official Transcripts & Withdrawal from previous school
- Birth Certificate
- Proof of guardianship
- Attendance Area Verification
- AIMS scores required for graduation

Per ARS 15-872 immunization records must be provided for the student to attend school unless the student has provided full disclosure of the requirements for exemption.

Legal guardians are required to provide the school with proof that you have guardianship or have filed a petition for appointment of temporary or permanent guardianship.

If an official birth certificate is not provided, the school administration is required to contact the local law enforcement agency.

GRADUATION INFORMATION

Graduation Requirements

Students must complete a total of 22 units of credit including the following courses. All students graduating in May 2011 must meet state AIMS requirements in order to graduate.

4 credits of English
3 credits of Math
3 credits of Science
1 credit of Health/Physical Education
½ credit of Geography
½ credit of Consumer Economics
1 credit of World History
1 credit American/ Arizona History
1 credit American/ Arizona Government
1 credit of Vocational or Performing Art/Visual Arts
6 credits of Elective courses

Beginning with the Class of 2013, the graduation requirement in Mathematics increases to 4 credits, which must consist of Algebra I, Geometry, Algebra II (or its equivalent) and an additional course with substantial math content.

VALEDICTORIAN AND SALUTATORIAN

Final class rank will be calculated at the end of the 7th semester. This ranking will be reported to colleges. All coursework for grade improvement must be completed by this time.

Weighted grades will be assigned to courses that are accelerated and have a more challenging curriculum for the purposes of class rankings and the Valedictorian/ Salutatorian selection process. Courses with Honors and Advanced Placement in their title have been identified as those types of courses. The grade point value for these grades are A= 5.0 pts., B= 4.0 pts., C= 3.0 pts., D= 1.0 pt., F= 0. Weighted grades are only granted when the student completes the entire course, otherwise no weighted grade point value is applied. Grade Point Average (GPA) for transferring students is computed according to courses receiving weighted grades at Wickenburg High School only. This ensures that each student's GPA at Wickenburg High School is computed the same way. Courses taken a second time to replace a lower grade, will result in the higher grade being listed on the student's official transcript and included in GPA calculations. The course in which the lower grade was earned will remain on the official transcript, but will not be calculated in the student's GPA (it should be noted that most universities calculate a student's GPA according to their own formula). Students who rank in the top 3%, 5%, and 10% of their graduating class will also be honored at the commencement ceremony.

The following designated courses will be used when calculating the class ranking and in selecting the Valedictorian and Salutatorian:

Freshman	**Sophomores**	**Juniors**	**Seniors**
English	English	English	English
Math	Math	Math	Math**
Social Studies	Social Studies	Social Studies	Social Studies
Science	Science	Science	Science**
6 elective/required credits from the student's top 6 elective/required grades for a total of 22 credits will be used for the Class Ranking G.P.A. and selecting a Valedictorian and Salutatorian. Electives being used for class rank must be a course with curriculum and grading criteria and from a minimum of 4 different subject areas.			

** These courses are not required for graduation, but will be required of students who want to be recognized in the top 3%, 5%, and 10% of the graduating class and in selecting the Valedictorian and Salutatorian. It is strongly recommended that college bound seniors take these classes to meet the necessary rigor and requirements of a university.

No more than 4 total credits will be allowed from on-line or correspondence courses and/or from students who have tested out of a class for the purpose of a Class Ranking G.P.A.

All students will continue to have an overall regular G.P.A. based on a 4.0 scale as well as a Class Ranking G.P.A. Students must have completed their last two semesters at Wickenburg High School in order to be eligible for this distinction.

AIMS INFORMATION

Each high school student will be required to take assessments in reading, writing, and mathematics a passing score in each area is required for graduation. The state scores the assessments and determines if each individual student meets proficiency in each area. Students must meet proficiency in order to graduate. Students may attempt the state test five times in order to meet proficiency.

Each school provides multiple interventions to assist students in meeting proficiency. It is highly recommended that students engage in the interventions provided. The Special Education Department will work with students with disabilities and parents to ensure compliance with all state and federal laws

UNIVERSITY AND COLLEGE REQUIREMENTS

Universities – Applicants to Arizona universities must meet one of the general aptitude and competency requirements. These requirements are current for the class of 2009.

1. GENERAL APTITUDE

This policy from the Arizona Board of Regents becomes effective for students applying for admission for the Fall 2006 semester and thereafter.

A. Assured Admission

1 Each university will admit all undergraduate applicants who are residents of Arizona and who meet the following general aptitude and basic competency requirements.

a. General Aptitude – applicants from a regionally accredited high school may demonstrate aptitude for academic work by ranking in the top 25% of high school rank.

B. Delegated Admission

1 Each university may use its discretion in admitting applicants for undergraduate admission who do not meet the requirements for Assured Admission.

2. It is recommended to check with each university for advisement.

2. BASIC COMPETENCIES

Arizona universities require these courses for admission:

4 Credits of high school English

4 Credits of high school Math (Algebra I, Geometry, Algebra II, and an advanced math class for which Algebra II is a prerequisite.)

3 Credits of high school lab science, one year from three of the following: Biology, Chemistry, Earth Science, or Physics (an integrated science or an advanced science may be substituted for one required course.)

2 Credits of high school Social Science including one year of American History

2 Credits of same high school foreign language

1 Credit of high school Fine Arts or a combination of two semesters of high school fine arts

The ACT or SAT is required for admission to all state universities in Arizona. Registration materials are available in the counseling office.

COMMUNITY COLLEGE REQUIREMENTS

Admission Classifications

A. Admission of Regular Students

Admission to a community college in Arizona may be granted to any person who meets at least one of the following criteria:

1. Is a graduate of a high school, which is accredited by a regional accrediting association as defined by the United States Office of Education or approved by a State Department of Education or other appropriate state educational agency.
2. Has a high school certificate of equivalency.
3. Is 18 years of age or older and demonstrated evidence of potential success in the community college.
4. Is a transfer student in good standing from another college or university.

Student Assessment and Course Placement (ARS 2.2.7)

B. Course Placement Assessment

Students will be required to complete placement assessments (asset/compass) under the following conditions:

1. The student is taking his or her first college credit in English, reading and/or math course, or any college course for which English, reading or math is a prerequisite.
2. The student is pursuing a degree and does not have current valid district approved placement assessments on file or does not have previous college credits in English, reading and math.
3. The student does not have a high school diploma or GED, and is applying for federal financial aid.
4. The student, for whom English is not the primary language, is required to take at least of English proficiency.

COLLEGE TESTING INFORMATION

PSAT – PSAT is a practice test for the SAT (Scholastic Aptitude Test) for juniors. PSAT is the qualifying test for the National Merit Scholarship Program to be taken as a junior in high school (11th grade). 10th graders ranking in the top 5-10% of the sophomore class take the test for practice. TIME GIVEN: October of each year on campus.

SAT/ACT – test should be taken spring of junior year. TIME GIVEN: monthly at a variety of sites around Arizona.

Community Colleges - Students have an opportunity to attend Arizona community colleges. Students take the ASSET test in English, Mathematics and Reading to qualify for appropriate placement. See your counselor for details.

Student Athletes – in order to qualify at an NCAA Division I or II institution, you must:

1. Graduate from high school
2. Present a minimum grade point average per NCAA Standards
3. Present a minimum combined score on the SAT verbal and math sections or ACT combined scores as defined by NCAA Standards.
4. Complete NCAA Clearinghouse form.
5. See counselor regarding core classes.
6. Request final transcript to be forwarded to university.
7. Take the PSAT

State Universities and Colleges – Admission requirements to colleges and universities vary greatly. Students should consult the catalog of the college or university they are interested in attending to determine the specific requirements. Catalogs may be obtained directly from the college. Many are also available in the Guidance Center.

TRANSFER OF CREDIT

The following are the guidelines for transfer high school credit.

North Central Accredited Institutions:
Credit from North Central Accredited Institutions will be granted when a transcript evaluation has been completed and courses are equivalent to the courses listed in the Course Description Catalog. If there is a course in question, the student must provide the course description from the institution and copy of the final course assessment in order to evaluate equivalency. Final appeals may be brought to the Principal.

Middle School:
Credit may only be issued for high school credit on a transcript when the teacher is certified to teach the high school course. The course implemented must utilize the high school curriculum, the assessments and grading criteria of the high school course, and all courses must be given letter grade, which will be posted on the transcript.

Charter Schools (Accredited):
Credit from charter schools will be granted when a transcript evaluation has been completed and courses are equivalent to the courses listed in the Course Description Catalog. If there is a course in question, the student must provide the course description from the institution and a copy of the final course assessment in order to evaluate equivalency. Final appeals may be brought to the Principal.

Home School:
To be eligible for credit, classes must be from an accredited institution. Reading and math assessments will be used to determine grade level and placement.

Community College/University:
Only pre-approved credit may be accepted from community colleges or universities for high school credit. This approval must be done through the Director of Counseling before enrolling in these courses. Only courses 100 and above may be transferred. **Students may earn only one-half credit for every three semester-hour course (cf. ARS 15-701.01(F))**. Students must provide official grades from the community college to be granted credit prior to graduation. Please note the community college will not send transcripts to the high school without payment and written approval from the student.

Correspondence Courses
Credit through correspondence courses is available. The school will accept up to four (4) courses towards satisfying the requirements for graduation, providing the course has been pre-approved through the Principal in advance of the student's enrollment. Such credit is earned through the satisfactory completion of courses offered by an institution accredited by NCA or another regional accrediting association.

Online Courses
Credit through online courses is available. The school will accept a maximum of two (2) courses from online sources. Of the two courses, one (1) may be a core credit (English, Math, Social Studies or Science). No more than two credits will be accepted. Students may not concurrently enroll in an online program during the school year without administrative approval. Credit is accepted providing the course has been approved by the Principal, and must be awarded by an institution accredited by NCA or another regional accrediting association.

COURSE CHALLENGE PROCEDURES

The intent of a course challenge is to allow students to demonstrate course competencies in place of completing the course. The following guidelines are in place:

1. Students that are currently in the course or have already taken the course are not eligible for a course challenge.
2. The request to challenge a course, and the testing must occur within the first ten (10) days of the beginning of the course.
3. Students must receive 75% mastery on each section of the test in order to receive credit.
4. The grade given for the test will be the grade posted on the transcript.
5. All grades will be counted in the GPA for class ranking purposes.
6. The exam may only be administered one time in a four-year period.

EARLY GRADUATION

Students planning on early graduation must file a request for early graduation at the beginning of their last year in attendance. Early graduation requires administrative approval and parental approval unless the student is 18 years of age. Diplomas will be awarded at the yearly commencement. All final exams must be completed by the end of senior final exam day.

Guidelines:
Early graduation candidates must meet all requirements and early graduation must be deemed appropriate for the student's continued education.

- ★ All graduates must complete an early graduation request form. The early graduation form must include signatures from counselor, administration, parent, and student.
- ★ An early graduation plan with course outline must be included.
- ★ Continuation of post secondary education should be included.
- ★ High School grades should indicate high school competencies are in place.
- ★ AIMS scores should be taken into consideration as an indicator of readiness for early graduation.
- ★ In order to graduate early students should not be required to take more than 7 courses within or outside the district during a semester.

REPEATING A COURSE FOR CREDIT

A student may retake a course to replace a failing grade or for grade improvement. The entire course must be taken. After completion of the course, the higher grade will be posted on the transcript. The lower grade will remain on the transcript, but not calculated into the student's GPA for class ranking purposes.

COURSE INFORMATION

Course Designation
"AP" designates courses which are part of the Advanced Placement Program. These are college-level courses designed for the academically talented student. These courses provide a more in-depth approach and require more outside work as compared to the regular courses.

Student Loads
Freshmen, sophomores and juniors will be enrolled in 6 classes plus their grade-level Advisory class. Seniors who have sufficient credits to graduate may enroll in as few as 5 classes plus their grade-level Advisory class.

Auditing Courses
Audits are primarily for students who enter school after the 20 day limit has expired. Approved audits are official agreements and will be noted on the student's schedule and transcript. Under no circumstances will an audit request be granted in order to avoid the consequences of a grade.

Early Departure
Under emergency situations students will be allowed to leave school prior to the end of a semester. Approval from the Administration must be received at least two weeks prior to the student's last day of school. If approved, it will be the student's responsibility to satisfy all course requirements prior to departure. No incompletes will be given.

High School Assessment Attendance
High school students participate in a Norm Reference Test (Stanford 10) at grade 9 and the Arizona State Standards Based AIMS test at grade 10. Please note that it is important for students to be in attendance for all assessments.

COMMENCEMENT PARTICIPATION

Participation in Wickenburg High School commencement exercises requires that a student has successfully completed all State of Arizona and WUSD #9 School Governing Board graduation requirements prior to the graduation ceremonies.

Any student who still has credit or coursework to complete, disciplinary obligations to fulfill, or financial obligations to settle with the school district will not be allowed to participate in the commencement exercises.

REGISTRATION & SCHEDULING PROCESS

NEW STUDENTS entering Wickenburg High School during the summer may register in groups as follows:

WHS guidance counselors will be available for new student fall registration during the week prior to school opening in August. New student group registration including orientation and a tour will be conducted by grade level. Students may call (928) 684-6608 for a list of tour times. Please meet at the specified time for your grade level in front of the Wickenburg High School Administration Building. Each orientation, group registration and tour will take approximately two hours.

If you are unable to meet during the pre-scheduled times, please call the Wickenburg High School Guidance Office at (928) 684-6608 to schedule an appointment.

FRESHMEN STUDENT REGISTRATION:

The following procedures will be used to pre-register incoming freshmen from local school districts:

WHS guidance counselors will make one visit to eighth grade classes of Aguila Elementary, Congress Elementary, Morristown Elementary, Nadaburg Elementary, Vulture Peak Middle School, Yarnell Elementary and Wickenburg Christian Academy.

- During the first visit, to be conducted by early spring, students will: 1) be introduced to WHS administration and guidance staff, campus life and five basic post-secondary options; 2) be instructed in high school graduation requirements, credit system, programs of study and course offerings; 3) be encouraged to attend a high school visitation and tour; 4) be given registration forms, course offering materials and a schedule request form to take home and discuss with parents and 5) asked to invite their parents to WHS Frosh Parent Info Night.

- A parent information night will be scheduled in the WHS Media Center during the month of April. All parents of incoming freshmen are encouraged to attend.

- During the month of March, eighth grade class tours are scheduled with the administration of each feeder school.

- Students and their parents complete registration forms given to them during the first visit and return them to their eighth grade teacher by given deadlines.

- Students return finalized, signed schedule requests to their school office no later than the given deadline for delivery to Wickenburg High School.

CONTINUING STUDENT REGISTRATION:

Step 1: During the third quarter, the following registration materials will be distributed to students during their Advisory class.

Registration Form
Technology Use Agreement
Four Year Plan
Request for Classes

Directions for completion of the forms will be given by the teacher.

Step 2: During class students will review graduation requirements, post secondary opportunities, current course offerings, their individual transcript and previous four year plan.

Step 3: Students will complete a revised four - year plan and request for classes.

Step 4: Students will obtain staff signatures where required.

Step 5: Students will take all registration materials home to discuss and complete with their parents/guardians.

Step 6: Students will return the four forms listed above, accurately completed and signed, to the teacher they received them from.

The order of classes and teacher selection will be done by the computerized scheduling program or under the direction of the scheduling coordinator.

Study scheduling materials carefully, discuss them with your teachers and counselors, and take them home to discuss them with your parents. Take into consideration the requirements for graduation as you select courses. You are to select two alternate elective courses. Be careful in your selection! Schedule changes will be severely limited since your schedule will be approved for a full year.

SCHEDULE CHANGES:

Student course selection will be accommodated whenever possible. Important course and staffing decisions are based upon these selections. Student preference or change of mind will not be accommodated. Student schedule changes, therefore, will be considered in the following circumstances:

- *Schedule conflict resolution.*
- *The student has failed a prerequisite course.*
- *Changes necessitated by completion or non-completion of summer courses.*
- *An online/correspondence course was completed necessitating a change in schedule.*
- *Placement in the class is significantly above or below the student's ability as evidenced by test scores and teacher assessment.*
- *Inappropriate placement in a class is the result of a clerical/computer error on the part of the school.*
- *Changes necessitated by a student's Individual Education Plan.*
- *Changes necessitated by first or second semester failures.*

If you need a schedule change please complete a **Schedule Change Request Form** available in the guidance office. **Schedule changes will NOT be made after the second week of any semester.**

PROGRAMS OF STUDY

Employees of past generations could expect to change careers between one and three times during their lifetime. In today's rapidly changing society, students may expect to move into a new career seven or ten times during their years of employment. They must prepare themselves for entry level positions while planning ahead for advancement through post-secondary training, retraining, and cross-training as they gain on-the-job experience. Five ***post- secondary options*** include:

- Career Tech schools or apprenticeships
- Junior or two- year community colleges
- Four year colleges or universities
- Military service/service training or
- Entry into the workplace

The Wickenburg High School guidance staff encourages all students to outline a four or five- year educational plan before selecting classes. Students are advised to consider prerequisites and strive to keep as many post-secondary options open as possible. The following programs of study are examples provided for consideration in creating a personal four-year high school plan. Parents and students are encouraged to make an appointment with one of our guidance counselors to discuss educational and career planning. Resources are available in the WHS Media Center and Career Center to assist students in planning as well.

WHS students may create a four- year plan that prepares them for post secondary education/training, and/or entry into the workplace in the areas of administrative support, culinary arts, or construction.

WHS RECOMMENDED COLLEGE PREPARATORY PROGRAM OF STUDY:

Freshman

English 9
Algebra I or Geometry
Biology or General Science
Physical Education
Elective
Geography (1/2)
Consumer Economics (1/2)

Sophomore

English 10
Geometry or Algebra II
Biology or Chemistry
World History
Elective
Elective

Junior

English 11or Pre-AP English
Algebra II or Pre-Calculus
Chemistry or Physics
American History
Elective
Elective

Senior

English 12 or AP English
Pre-Calculus or Calculus
Physics or A.P. Physics
U.S. Gov't/AZ History & Gov't or AP
Elective
Elective

Timelines for the students of WHS

Freshman Year
(9th)

1. Start your freshman year with the understanding that every class you take is important and "counts."
2. Familiarize yourself with what is available for your use on campus for high school and post high school planning, and college and career information which is available in the counseling department.
3. Read your curriculum guide and learn how the high school system works.
4. Sit down with your parents and/or advisor and work out your Individual Graduation Plan.
5. Talk to people who have a career in which you are interested.

Sophomore Year
(10th)

1. Take the PLAN test for sophomores, especially if you are college bound.
2. Review your IGP with your counselor and make adjustments based on your freshman year.
3. Take advantage of college visitation days and nights if you are college bound. Gather information on schools and visit college campuses whenever you can to get a "feel" for college life.
4. Take the PSAT in October as a practice.

Junior Year
(11th)

1. Continue your college search. Use the available resources on campus. Check with your counselor early in the year and keep him/her informed. Use your counselor in your decision making.
2. Write for information on colleges and programs in which you may be interested.
3. If you are interested in a scholarship, start your search this year.
4. Investigate financial aid on the "outside" – parent's work, religious affiliations, professional groups, etc.
5. Take the PSAT in October if you are college bound.
6. Review your four-year plan and make adjustments.
7. Understand that you must have your GPA where you want it by the end of your junior year (sixth semester).
8. Take SAT/ACT exams in the spring. Plan on the SAT II's if necessary.
9. Develop an effective resume.
10. Go to College and Career Fairs and talk with representatives. Make your contacts with admissions personnel.
11. Meet with college representatives when they visit WHS.

Senior Year
(12th)

1. Maintain a strong academic schedule your senior year. We encourage seniors to take math.
2. If you are pursuing the military, make contact with the recruiters.
3. Prepare a resume. (The Counseling office maintains information on how to write resumes.)
4. If pursuing college, refine your college search to four to six schools.
5. Start to write your applications early in your senior year. Be aware of early decision deadlines, if selecting that option.
6. Write necessary essays, proofreading all final work several times.
7. Speak to the people from whom you want a recommendation. Give them a resume. Allow at least two weeks for the letter to be completed.
8. Arrange for official transcripts to be sent to the colleges of your choice by contacting the Counseling office.
9. Proofread your college application.
10. Proofread it again.
11. Make sure all papers representing you are impeccable.
12. Complete all applications to college in the first semester of your senior year.
13. Understand that your deadlines are not other people's deadlines. You must consider other people when filing your applications. Requesting secondary school reports, writing recommendations, and sending transcripts all require time. The school and its personnel are dealing in volume.
14. Visit local colleges and talk to college personnel about financial aid and scholarships, if interested.
15. In October, November or December retake the SAT/ACT exams, if necessary. Take the SAT II Subject Tests, if required. (The registration packets are in the counseling office). Testing should be complete by December.
16. Check with counseling to obtain scholarship applications.
17. Apply for financial aid after January, using the FAFSA (Fee Application for Federal Student Aid). This form is available in Counseling. Attend Financial Aid Night with your parent in January/February.
18. Some out-of-state colleges require the CSS Profile. This is a supplement to the FAFSA but is completed in the fall of the senior year.
19. In the spring, arrange to visit the campus of the college you have selected, if you have not already done so.
20. Follow all directions from admissions carefully. Meet the deadlines. Make copies of everything you send. Keep a record of all phone conversations and the name of the person to whom you speak.
21. Do not be timid in calling the various undergraduate offices if you have questions or concerns. You won't be a pest. College personnel should be available for you. They understand that selection and admission to college are big steps in your life.

Wickenburg High Summary of Course Offerings

CAREER AND TECHNICAL EDUCATION

Business, Marketing and Administrative Services (BMAS)

Business Mgmt/Entrepreneurship I	2 Sem	1 Credit	Grades 9-11
Business Mgmt/Entrepreneurship II	2 Sem	1 Credit	Grades 10-12
Business Management Internship	2 Sem	1 Credit	Grades 11-12

Sports and Entertainment Marketing

Sports & Entertainment Marketing I	2 Sem	1 Credit	Grades 9-11
Sports & Entertainment Marketing II	2 Sem	1 Credit	Grades 10-12
Marketing Internship	2 Sem	1 Credit	Grades 11-12

Family and Consumer Science

Professional Foods	2 Sem	1 Credit	Grades 10-12
Culinary Arts	2 Sem	1 Credit	Grades 11-12
Culinary Arts Internship	2 Sem	1 Credit	Grades 11-12

Industrial Technology

Construction Technology I	2 Sem	1 Credit	Grades 9-12
Construction Technology II	2 Sem	1 Credit	Grades 10-12
Introduction to Engineering Design	2 Sem	1 Credit	Grades 9-12
Principles of Engineering	2 Sem	1 Credit	Grades 10-12
Engineering and Design Development	2 Sem	1 Credit	Grades 11-12

COMPUTER SCIENCE

Computer Science I	2 Sem	1 Credit	Grades 9-12
Computer Science Honors	2 Sem	1 Credit	Grade 10-12

ENGLISH LANGUAGE LEARNER

Conversational English & Academic Vocabulary	2 Sem	1 Credit	Grades 9-12
English Reading	2 Sem	1 Credit	Grades 9-12
English Writing	2 Sem	1 Credit	Grades 9-12
English Grammar	2 Sem	1 Credit	Grades 9-12
Academic English Reading	2 Sem	1 Credit	Grades 9-12
Academic English Writing & Grammar	2 Sem	1 Credit	Grades 9-12
SEI Language Arts	2 Sem.	1 Credit	Grades 9-12

FOREIGN LANGUAGE

Spanish I	2 Sem	1 Credit	Grades 9-12
Spanish II	2 Sem	1 Credit	Grades 10-12
Spanish III	2 Sem	1 Credit	Grades 11-12
Spanish IV	2 Sem	1 Credit	Grade 12

LANGUAGE ARTS

English 9	2 Sem	1 Credit	Grade 9
English 9 Honors	2 Sem	1 Credit	Grade 9
English 10	2 Sem	1 Credit	Grade 10
English 10 Honors	2 Sem	1 Credit	Grade 10
English 11	2 Sem	1 Credit	Grade 11
Pre Advanced Placement English 11 Honors	2 Sem	1 Credit	Grade 11
English 12	2 Sem	1 Credit	Grade 12
Advanced Placement English 12	2 Sem	1 Credit	Grade 12
Speech & Debate	2 Sem.	1 Credit	Grades 10-12
Yearbook	2 Sem	1 Credit	Grades 10-12
Journalism	2 Sem	1 Credit	Grades 10-12

MATHEMATICS

Algebra I AB	2 Sem	1 Credit	Grade 9
Math Assistance	2 Sem	1 E-Credit	Grade 9
Integrated Algebra/Geometry	2 Sem	1 Credit	Grade 10
AIMS Prep 11-12 Mathematics	2 Sem	1 Credit	Grade 11-12
Algebra I	2 Sem	1 Credit	Grades 9-12
Geometry	2 Sem	1 Credit	Grades 9-12
Algebra II	2 Sem	1 Credit	Grades 10-12
Pre-Calculus	2 Sem	1 Credit	Grades 11-12
Calculus AB Honors	2 Sem	1 Credit	Grade 12
Calculus BC Honors	2 Sem	1 Credit	Grade 12
Math Connections	2 Sem	1 Credit	Grade 12

PERFORMING ARTS

Music Studio	2 Sem	1 Credit	Grades 9-12
Concert Choir	2 Sem	1 Credit	Grades 9-12
Advanced Choir	2 Sem	1 Credit	Grades 9-12
Instrumental Music	2 Sem	1 Credit	Grades 9-12
Percussion Ensemble	2 Sem	1 Credit	Grades 9-12
Introduction to Theatre	2 Sem	1 Credit	Grades 9-12
Advanced Theatre	2 Sem	1 Credit	Grades 10-12
Applied Theatre	2 Sem	1 Credit	Grades 11-12
Stage Production	2 Sem	1 Credit	Grades 9-12
Advanced Stage Production	2 Sem	1 Credit	Grades 10-12
Applied Stage Production	2 Sem	1 Credit	Grades 11-12

PHYSICAL EDUCATION

Freshman Physical Education & Health	2 Sem	1 Credit	Grades 9
Weight Training	2 Sem	1 E-Credit	Grades 10-12
Sports Medicine	2 Sem	1 E-Credit	Grades 10-12
Athletic-Specific	2 Sem	1 E-Credit	Grades 9-12

SCIENCE

Environmental Science	2 Sem	1 Credit	Grade 9
General Science	2 Sem	1 Credit	Grades 9-11
Biology	2 Sem	1 Credit	Grades 9-12
Chemistry	2 Sem	1 Credit	Grades 10-12
Earth Science	2 Sem	1 Credit	Grades 11-12
Honors Physics	2 Sem	1 Credit	Grades 11-12
Astronomy	2 Sem	1 E-Credit	Grades 10-12
Habitat Management	2 Sem	1 E-Credit	Grades 10-12
Human Anatomy & Physiology	2 Sem	1 E-Credit	Grades 11-12

SOCIAL STUDIES

Geography	1 Sem	½ Credit	Grade 9
Geography Honors	1 Sem	½ Credit	Grade 9
Consumer Economics	1 Sem	½ Credit	Grade 9
Consumer Economics Honors	1 Sem	½ Credit	Grade 9
World History	2 Sem	1 Credit	Grade 10
World History Honors	2 Sem	1 Credit	Grade 10
American History	2 Sem	1 Credit	Grade 11
Advanced Placement American History	2 Sem	1 Credit	Grade 11
American Government/AZ Constitution & History	2 Sem	1 Credit	Grade 12
Advanced Placement US/AZ Government	2 Sem	1 Credit	Grade 12
Psychology/Sociology	2 Sem	1 E-Credit	Grades 11-12

SPECIAL EDUCATION

Writing	2 Sem	1 Credit	Grades 9-12
Reading	2 Sem	1 Credit	Grades 9-12
Math	2 Sem	1 Credit	Grades 9-12
Science	2 Sem	1 Credit	Grades 9-12
Social Studies	2 Sem	1 Credit	Grades 9-12
Skills	2 Sem	1 Credit	Grades 9-12
Elective	2 Sem	1 Credit	Grades 9-12
Life Skills	2 Sem	1 Credit	Grades 9-12

VISUAL ARTS

Art I	2 Sem	1 Credit	Grades 9-12
Art II	2 Sem	1 Credit	Grades 10-12
Art III	2 Sem	1 Credit	Grades 11-12
Art IV	2 Sem	1 Credit	Grade 12

NON-DEPARTMENTAL

Independent Studies	2 Sem	1 Credit	Grades 11-12
Team Teacher	2 Sem	1 Credit	Grades 11-12
Assistant (Teacher/Office/Counseling)	2 Sem	½ Credit	Grades 11-12

CAREER AND TECHNICAL EDUCATION

BUSINESS, MANAGEMENT AND ADMINISTRATIVE SERVICES (BMAS)

BUSINESS MANAGEMENT/ENTREPRENEURSHIP I: This course addresses the necessary and applicable skills for any student pursing an immediate position in the workforce or in postsecondary education. The course will address the following components: Microsoft Word, Excel, Access, Internet, Charting, Desktop Publishing (scanners, digital cameras, and video) and Advanced Integrated Applications. Students will also continue their development of their Career Portfolio started in previous classes. Career and Technical Student Organization (CTSO) standards will be an integral part of this class.

Grade Level(s): 9-10 **Course Length:** 1 year
Prerequisite: Business & Technology Foundations **Credit:** 1 CTE or elective

BUSINESS MANAGEMENT/ENTREPRENEURSHIP II: This course offers classroom instruction in human relations, work ethics, communication, computer skills and professional appearance. This course prepares students for careers in any of the following dynamic industries: computer, medical, banking/finance, real estate, accounting and taxes, public relations, human resources, education, government, insurance, entertainment and university studies. Students will also continue their development of their Career Portfolio started in previous classes. Career and Technical Student Organization (CTSO) standards will be an integral part of this class.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite: Bus Mgmt/Entrepreneurship I **Credit:** 1 CTE or elective

BUSINESS MANAGEMENT INTERNSHIP: Students will work part-time in a Business Internship that applies skills learned in the classroom with those on-the-job. Students must provide their own transportation to and from work. Students may be concurrently enrolled in Business Management/Entrepreneurship II with Instructor Approval.

Grade Level(s): 11-12 **Course Length:** 1 year
Prerequisite: Bus Mgmt/Entrepreneurship II **Credit:** 1 CTE or elective

SPORTS AND ENTERTAINMENT MARKETING

SPORTS & ENTERTAINMENT MARKETING I: This course is for students who have an interest in learning about the fields of business, sales, marketing, merchandising, and management occupations. Students will experience many different parts of the marketing process including advertising, sales, display, human relations, management, and communication. Students have an opportunity to work in the school store, as well as with the school Athletic and Performing Arts Departments, to gain knowledge of the “behind-the-scenes” work involved in the promotion of events. Career and Technical Student Organization (CTSO) standards will be an integral part of this class.

Grade Level(s): 9-10 **Course Length:** 1 year
Prerequisite: Business & Technology Foundations **Credit:** 1 CTE or elective

SPORTS & ENTERTAINMENT MARKETING II: This course will help student develop a thorough understanding of the marketing concepts and theories that apply specifically to sports and entertainment events. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals and sports marketing plans. This course will also delve into the components of promotion plans, sponsorship proposals and the key elements needed in marketing plans. Career and Technical Student Organization (CTSO) standards will be an integral part of this class.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite: Sports & Entertainment Marketing I **Credit:** 1 CTE or elective

SPORTS & ENTERTAINMENT MARKETING INTERNSHIP: Students will work part-time in a Marketing Internship that applies skills learned in the classroom with those on-the-job. Students must provide their own transportation to and from work. Students may be concurrently enrolled in Sports & Entertainment Marketing II with Instructor Approval.

Grade Level(s): 11-12 **Course Length:** 1 year
Prerequisite: Sports & Entertainment Marketing II **Credit:** 1 CTE or elective

FAMILY AND CONSUMER SCIENCES

You may choose to take individual classes or a sequence of classes to become a program completer in the area of Culinary Arts.

PROFESSIONAL FOODS: This course is a beginning foods preparation and nutrition course. The students will learn the basics of food sanitation and safety procedures as well as practice techniques and terms used in the commercial food industry during many food lab settings. The student will study health and nutrition, the "Food Pyramid," food labeling, issues in nutrition, quick breads, yeast breads, vegetables, fruits, pastries, etc. The food industry, as a career option, will be introduced to the student. Successful completion of Professional Foods will make the student eligible to continue into the Culinary Arts Program.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite: None **Credit:** 1 CTE or elective

CULINARY ARTS: This is an advanced class for students interested in furthering their knowledge in the commercial food industry. The students will increase their knowledge in areas such as personal hygiene, food safety and sanitation, nutrition and the many areas introduced in Professional Foods. Customer service, organizing and planning large meals, and ordering food items will be just some of the things taught to students. Students also learn about quality control and have hands on experience in the student run restaurant. Bookkeeping, marketing, and other skills will be taught to the students so they may someday run their own business. Also in Culinary Arts students can compete for scholarships in a competition called Careers through Culinary Arts Program (C-CAP). To see what opportunities there are through C-CAP check out their site.

Grade Level(s): 11-12 **Course Length:** 1 year
Prerequisite: Professional Foods **Credit:** 1 CTE or elective

CULINARY ARTS INTERNSHIP: Students will work part-time in a Culinary Internship that applies skills learned in the classroom with those on-the-job. Students must provide their own transportation to and from work. Students may be concurrently enrolled in Culinary Arts with Instructor Approval.

Grade Level(s): 11-12 **Course Length:** 1 year
Prerequisite: Culinary Arts **Credit:** 1 CTE or elective

INDUSTRIAL TECHNOLOGY

CONSTRUCTION TECHNOLOGY I: This course focuses on exterior residential and light construction systems. Students learn about the tools, materials, equipment, and methods used in the light construction industry. The proper use of hand and power tools in exterior construction is stressed. Students will also be introduced to architectural computer aided design (CAD) and the creation of working drawings. They will also explore careers and the impact of construction technology on society and the environment. Students will create several projects in small groups that stress exterior construction skills including layout, foundations, masonry, framing, exterior finishing, and roofing. Students will research various topics and present information to the entire class several times.

Grade Level: 9-12 **Course Length:** 1 year
Prerequisites: None **Credit:** 1 CTE or elective

CONSTRUCTION TECHNOLOGY II: This first part of the course focuses on interior residential and light construction systems. Students will expand their architectural CAD skills. They also estimate materials and labor costs; study industry standards and building codes; consider health and safety issues; explore energy conservation, careers, and the impact of construction technology on society and the environment. They will create several projects that stress skills including plumbing, electrical, drywall, and interior finishing. Students will research various topics and present information. This second part of the course focuses application of all construction skills while also introducing advanced construction concepts. In groups, students use their knowledge of design, materials, and construction to independently develop structures to demonstrate their knowledge and skills. Students will estimate materials and costs. They must insure their design complies with industry standards and building codes. Students will present the progress of their project to the class and community members during the semester. Students also develop career plans to enter a construction trade.

Grade Level: 10-12 **Course Length:** 1 year
Prerequisites: Construction Technology I **Credit:** 1 CTE or elective

INTRODUCTION TO ENGINEERING DESIGN: This course provides an overview of the engineering process and the development of a design. Students use computer software to produce, analyze and evaluate models of projects solutions. They study the design concepts of form and function; then use state-of-the-art technology to translate conceptual design into reproducible products.

Grade Level: 9-12 **Course Length:** 1 year
Prerequisites: Completion or concurrent enrollment in Geometry OR Instructor approval **Credit:** 1 CTE or elective

PRINCIPLES OF ENGINEERING: This course provides an overview of engineering and engineering technology. Students will develop problem-solving skills by tackling real-world engineering problems. Students will learn about the different types of engineers and their contributions to society through the use of individual and group projects modules. Areas of study include robotics, Mechanical Systems, Electronics, and Structures

Grade Level: 10-12 **Course Length:** 1 year
Prerequisites: Intro to Engineering Design **Credit:** 1 CTE or elective

ENGINEERING AND DESIGN DEVELOPMENT: Students will continue to explore the different fields of engineering through modules and project investigations. In addition, this course lets students apply what they have learned in academic and pre-engineering course as they complete challenging, self-directed projects. Students work in teams to design and build solutions to authentic engineering problems. This course equips students with the independent study skills that they will need in post secondary education and careers in engineering and engineering technology.

Grade Level: 11-12 **Course Length:** 1 year
Prerequisites: Principles of Engineering **Credit:** 1 CTE or elective

COMPUTER SCIENCE

COMPUTER SCIENCE I: This course serves as an introduction to computer technology and programming concepts. First semester topics of study include the organization of a computer system and hardware, the programming process, basic elements of C++ language and programming techniques. The topics will include static and dynamic data structures, modular programming, file streams, and searching and sorting algorithms.

Grade Level(s): 9-12 **Course Length:** 1 year
Prerequisite: Algebra I **Credit:** 1 CTE or elective

COMPUTER SCIENCE HONORS: This course is designed to provide students with an in depth knowledge of the computer and the JAVA language. It will deal with advanced design methodology, data abstraction and structures, algorithms, and software engineering principles. Additionally, students completing this course will have the option of taking the Advanced Placement Computer Science Exam to receive college credit for their work.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite: Computer Science I **Credit:** 1 CTE or elective

ENGLISH LANGUAGE DEVLOPMENT (ELD)

English Language Development (ELD) classes are structured to teach language skills to students who are in the process of learning the English language. ELD instruction focuses on pronunciation, structure, English word order rules, and how to use English in different situations and contexts. ELD classes use the specific learning skills derived from the English Language Learner proficiency standards approved by the Arizona State Board of Education, synchronized with the Arizona Academic English Language Arts Standards.
Students who do not have a composite score of "proficient" on the Arizona English Language Learner Assessment (AZELLA) will be assigned to ELD classes. The Arizona English Language Learner Assessment (AZELLA) will be used to determine English proficiency and the correct placement in classes if a language other than English is indicated on the Home Language Survey. AZELLA proficiency levels are 1) Pre-emergent, 2) Emergent, 3) Basic, 4) Intermediate and 5) Proficient. Students who have an AZELLA score of Proficient are not placed in ELD classes. Students who score at Basic or below on the AZELLA will be enrolled in the following classes: Conversational English and Academic Vocabulary, English Reading, English Grammar, and SEI Language Arts
Students who score Intermediate on the AZELLA will be enrolled in the following classes: Academic English Reading, Academic English Writing and Grammar, SEI Language Arts and the students' grade-level appropriate English class. All instruction and assessment is aligned to the K-12 Arizona English Language Learner Standards.

CONVERSATIONAL ENGLISH AND ACADEMIC VOCABULARY: This class increases oral English skills by using Jazz Chants and the Rosetta Stone language acquisition program.

Grade Level: 9-12 **Course Length:** 1 year
Prerequisites: Basic or below AZELLA score **Credit:** 1 elective credit

ENGLISH READING: This class uses the Keys to Learning and Shining Star language series, supplemented by additional reading selections. Students also increase reading fluency through reading Six Minute Solutions reading passages and vocabulary lists.

Grade Level: 9-12 **Course Length:** 1 year
Prerequisites: Basic or below AZELLA score **Credit:** 1 English credit

ENGLISH WRITING: Students are introduced to writing strategies through Write Tools. Students will learn the different steps of the English writing process while exploring different types of writing.

Grade Level: 9-12 **Course Length:** 1 year
Prerequisites: Basic or below AZELLA score **Credit:** 1 English credit

ENGLISH GRAMMAR: Students study English grammar through the Focus on Grammar series.

Grade Level: 9-12 **Course Length:** 1 year
Prerequisites: Basic or below AZELLA score **Credit:** 1 elective credit

ACADEMIC ENGLISH READING: In this class, students increase reading fluency through Six Minute Solutions, and develop reading strategies through Word Wisdom. Students will also read a variety of genres of fiction and non-fiction.

Grade Level: 9-12 **Course Length:** 1 year
Prerequisites: Intermediate AZELLA score **Credit:** 1 elective credit

ACADEMIC ENGLISH WRITING AND GRAMMAR: This class develops writing skills through Write Tools strategies, and introduces students to the Six Traits rubric. The class includes journal writing, narrative, expository, and persuasive writing. Students also work on increasing academic vocabulary.

Grade Level: 9-12 **Course Length:** 1 year
Prerequisites: Intermediate AZELLA score **Credit:** 1 English credit

SEI LANGUAGE ARTS: This class continues to develop student writing and reading skills in conjunction with an English teacher. Students will work toward meeting proficiency in the area of writing on the AIMS as well as in grade-level appropriate course examinations.

Grade Level: 9-12 **Course Length:** 1 year
Prerequisites: Non-Proficient AZELLA score **Credit:** 1 elective credit

FOREIGN LANGUAGE

SPANISH I: Spanish I is a college prep course. It covers basic vocabulary, grammar, oral, reading and writing skills. Special cultural emphasis will be placed on Mexico. The four skills (listening, writing, speaking and reading) are stressed with a greater emphasis on listening and speaking. Cultural exposure to Latin American countries is also included.

Grade Level(s): 9-12 **Course Length:** 1 year
Prerequisites: Successful completion of the previous year's core classes or Spanish. **Credit:** 1 elective credit

SPANISH II: Spanish II continues the exploration of Spanish and Hispanic culture that was started in Spanish I. Higher levels of grammar, writing, reading, and oral proficiency will be emphasized. Special cultural emphasis will be centered on Spain. Spanish II continues the emphasis of language as communication. Students develop reading for comprehension and limited writing experience skills. Cultural exposure to Latin American countries is continued. Emphasis is placed on the different verb tenses used in written and conversational Spanish.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite: Successful completion of Spanish I **Credit:** 1 elective credit

SPANISH III: Spanish III continues the linguistic and cultural exploration of the earlier levels. In addition to a continued study of grammar, emphasis will also be placed on composition. A comparative study will be done on the Hispanic world. Spanish III stresses communication in Spanish. Oral communication is emphasized through conversation, newscasts with video and oral reports. Written work includes essays, historical reports, and film reports. Extensive readings from novels, newspapers from Spain, and from the text are also included in the course. Latin American and Spanish cultures and customs are introduced through a Spanish newspaper, historical readings and research.

Grade Level(s): 11-12 **Course Length:** 1 year
Prerequisite: Successful completion of Spanish II **Credit:** 1 elective credit

SPANISH IV: Spanish IV continues the classical study of the culture and language. All aspects of the language will be explored with a special emphasis on literature. Spanish IV stresses the same curriculum as Spanish III, but is more comprehensive. Greater independent study is also asked of the student. Often Spanish IV students are combined with Spanish III classes

Grade Level(s): 12 **Course Length:** 1 year
Prerequisites: Spanish I, II, & III **Credit:** 1 elective credit

LANGUAGE ARTS

ENGLISH 9: Students will review basic grammar and library skills. Emphasis will be on sentence and paragraph development, as well as on the use of a variety of sentence lengths and structures. The writing process focuses on the development of the five-paragraph essay while introducing MLA format. Reading focuses on literary appreciation, as well as on the application and analysis of literary terms and devices. Individual reading and book reviewing is done from a required reading list. Works read in this course may include, but are not limited to, such works as Shakespeare's *Romeo and Juliet* and Dumas' *The Count of Monte Cristo.* Evaluation will be by test, written compositions, oral participation and cooperative activities. School internet access is required.

Grade Level(s): 9 **Course Length:** 1 year
Prerequisite: Successful completion of 8th grade Language Arts **Credit:** 1 English credit

ENGLISH 9 HONORS: This course is for self-motivated college bound students. Honors English 9 is the first step in preparing students for the more challenging advanced placement courses offered during the 11th and 12th grades. The writing process is emphasized; students will expand the five-paragraph essay into a more in-depth examination of literary issues. Reading focuses on literary appreciation using the application and analysis of literary techniques and devices. Individual reading is required. Books read in this course are selected from a college bound reading list and may include such works as Homer's *The Odyssey* and Dickens's *Great Expectations*, Students are expected to utilize technical literary vocabulary in analysis and review of novels, short stories and plays. Evaluation will include (but not be limited to) tests, written compositions, oral participation and cooperative activities. School internet access is required.

Grade Level(s): 9 **Course Length:** 1 year
Prerequisite: Teacher recommends **Credit:** 1 English credit
3.0 GPA within subject area and placement assessment scores required.

ENGLISH 10: Students will review grammar, reading and writing skills. Emphasis will be on the development of more complex levels of sentence, paragraph and composition building. Oral communication skills will be developed and students will present various types of speeches. Writing includes analysis and explanation of complex character and plot development in short stories, novels and plays. Works read in this course may include, but are not limited to, such works as Shakespeare's *Julius Caesar* and Lee's *To Kill a Mockingbird* as well as a selection of non-fiction essays. Students will research and prepare a mini-research paper. Individual outside reading is a continued requirement. Evaluation will be by test, written compositions, oral participation and cooperative activities. School internet access is required.

Grade Level(s): 10 **Course Length:** 1 year
Prerequisite: English 9 **Credit:** 1 English credit

ENGLISH 10 HONORS: This course is for self-motivated college bound students. Emphasis will be on the development of more complex levels of sentence, paragraph and composition building. Oral communication skills will be developed and students will present various types of speeches. Writing includes analysis and explanation of complex character and plot development in short stories, novels and plays. Students will progress from the five-paragraph essay to the more advanced mini-research paper. Critical analyses of literary genre will focus on the universal themes found in literature. Individual outside reading is a continued requirement. Books read in this course are selected from a college bound reading list and may include such works as: Hugo's *Hunchback of Notre Dame* and Shelley's *Frankenstein*. Evaluation will include (but not be limited to) tests, written compositions, oral participation and cooperative activities. School internet access is required.

Grade Level(s): 10 **Course Length:** 1 year
Prerequisite: English 9 or Honors English 9 **Credit:** 1 English credit
3.0 GPA within subject area and placement assessment scores <u>or</u> with teacher recommendation.

ENGLISH 11: Students will expand the five-paragraph essay to an in-depth examination of issues and events using analysis and synthesis in interpretation. These examinations will include a research paper utilizing the MLA format. The ability to understand, interpret and explain significant works of American literature becomes the focus for the students. Works read in this course may include, but are not limited to, such works as Steinbeck's *Of Mice and Men* and Miller's *The Crucible*. The study of grammar is integrated into the entire reading/writing course of study making use of students' skills from English 9 and 10. Evaluation will be by test, written compositions, oral participation and cooperative activities.

Grade Level(s): 11 **Course Length:** 1 year
Prerequisite: English 10 or English Honors 10 **Credit:** 1 english credit

PRE-ADVANCED PLACEMENT ENGLISH 11 HONORS: English 11 Pre-Advanced Placement is the final preparative course for entry into Advanced Placement English. This course is for self-motivated college bound students. Some of this curriculum is based on the College Board's advanced placement test in Language and Composition. Students will write in-depth examinations of issues and events using analysis and synthesis in interpretation. These examinations will include a research paper utilizing the MLA format. The ability to understand, interpret and explain significant works of classical American literature becomes the focus for the students. The study of grammar is integrated into the entire reading/writing course of study. Individual outside reading is a continued requirement. Books read in this course are selected from a classic literature list and may include such works as: Steinbeck's *Grapes of Wrath*, Hawthorne's *The Scarlet Letter*, Williams' *The Glass Menagerie*, and Lawrence's *Inherit the Wind*. Evaluation will include (but not be limited to) tests, written compositions, oral participation and cooperative activities.

Grade Level(s): 11 **Course Length:** 1 year
Prerequisite: English 10 or English Honors 10, 3.0 GPA within subject area and placement assessment scores <u>or</u> with teacher recommendation. **Credit:** 1 english credit

ENGLISH 12: Advanced literary techniques and devices are used to study and analyze works of world literature. Reading focuses on world literature from the classic to the modern as it reflects the ideals and value systems of diverse human societies. Works read in this course may include, but are not limited to, such works as Isben's *A Doll's House* and Shakespeare's *Macbeth*. Writing emphasizes the analysis, synthesis and evaluative processes as they apply to expository and persuasive compositions, literary critiques, business letters, and résumés. The study of grammar is integrated into the entire reading/writing course of study making use of students' skills taught at the lower levels. Evaluation will be by test, written compositions, oral participation and cooperative activities.

Grade Level(s): 12 **Course Length:** 1 year
Prerequisite: English 11 or Pre Adv. Placement English (11) **Credit:** 1 english credit

ADVANCED PLACEMENT ENGLISH 12: This course is for self-motivated college bound students who seek instruction and practice in critical thinking and advanced composition. Included in the course of study is the reading and analysis of prose, poetry and essays concerned with literary, political, sociological and psychological issues from various nations. Writing emphasizes the analysis, synthesis and evaluative processes as they apply to expository and persuasive compositions and literary critiques. Individual outside reading is a requirement. Books read in this course are selected from a classic world literature list and may include such works as: Shaw's *Pygmalion*, Sophocles' *Antigone*, and Shakespeare's *The Taming of the Shrew* .Students who elect to take the Advanced Placement Exam during the spring quarter and achieve a superior grade may obtain up to one year of college credit and/or advanced placement in college English courses. Granting of credit or of advanced placement depends on the college the student plans on attending. Evaluation will include (but not be limited to) tests, written compositions, oral participation and cooperative activities.

Grade Level(s): 12 **Course Length:** 1 year
Prerequisite: English 11 or Pre Adv. Placement English (11), 3.0 GPA within subject area and placement assessment scores or with teacher recommendation. **Credit:** 1 english credit

YEARBOOK: This class is for students of average or above average ability who have a strong sense of responsibility, dependability, and commitment to the group effort of publishing the school's yearbook. Simple math and some writing skills are helpful, but the main requirement for the staff members is that they should be willing to devote the time and energy to completing assigned work by deadline time in a satisfactory manner. Staffers take pictures, sell and design ads, and design page layouts. This course may be repeated for credit.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisites: Successful completion of ENG Instructor Approval **Credits:** 1 elective credit

JOURNALISM: This course includes the study of media with the main emphasis on the newspaper. Areas of focus include: news, sports, feature and editorial writing, interviewing, page layout and design, advertising, typography, gathering news, headline writing, standards of good newspaper practice, and vocabulary used in the medium. Students apply their knowledge to publish the monthly "Wrangler Post" that keeps the school and community informed about campus activities. This course may be repeated for credit.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisites: Successful completion of ENG Instructor Approval **Credits:** 1 elective credit

SPEECH & DEBATE: This course teaches techniques in controlling speech anxiety, how to structure and organize information to present to a variety of audiences; and physical and vocal delivery skills. This course is a performance-based course that requires students to present several speeches. Major emphases are placed on preparation, organization, delivery, and the development of confidence. Course outcomes include: reduce students speaking anxiety, strengthen self confidence, and increase communication ability with peers, adults and persons of authority at school, and in the workplace. Students will study techniques for informative and persuasive speaking, which includes debate, as well as job interviews. This course may be repeated for credit.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite(s): Successful completion of ENG Instructor Approval **Credits:**: 1 elective credit

MATHEMATICS

Curricular Programs: For incoming freshmen, we will place students in either a one-year Algebra I course or a two-year Algebra I course of study. Placement will be based on the NWEA scores (where available), our own placement test, available standardized test scores, 8th grade courses completed, and 8th grade teacher recommendations. This will be determined by teacher, parent, counselor and/or administrative recommendations.

ALGEBRA I EXTENDED AB: This course is an introduction to the basic concepts of Algebra. It includes the study of the properties and operations of real numbers, signed number operations, solving all types of linear equation and inequalities, applications involving linear equations and inequalities, linear equations in two variables, systems of linear equations in two variables, operations with monomials and polynomials, probability and statistics.

Grade Level(s): 9 **Course Length:** 1 year
Prerequisite: none **Credit:** 1 math credit

MATH ASSISTANCE: This course is intended to review numeric and Pre-Algebra concepts while providing support for students enrolled in Algebra I Extended AB. The course will include a review of rational number operations of all types, problem solving strategies, and the use of manipulatives to reinforce Algebraic concepts.

Grade Level: 9 **Course Length:** 1 year
Prerequisites: Department Placement **Credit:** 1 elective credit

INTEGRATED ALGEBRA & GEOMETRY: This course continues the study of Algebra begin in Algebra 1AB and integrates Geometric concepts to further student knowledge in mathematics. Students will continue their studies of the Arizona Mathematics Standard in preparation for the AIMS examination.

Grade Level(s): 10 **Course Length:** 1 year
Prerequisite: Algebra I Extended AB **Credit:** 1 math credit

AIMS PREP MATHEMATICS 11-12: This course is designed to provide instruction in the standards and benchmarks students will need to pass the AIMS Test. The content consists of geometry, discrete mathematics, reasoning and logic, and data analysis. This course is needed to supplement Extended Algebra I in preparation for the AIMS Test, therefore, will be limited to these students only. Additionally, there will be a strong standardized test preparation component in this class.

Grade Level(s): 11-12 **Course Length:** 1 year
Prerequisite: Not meet standards on AIMS **Credit:** 1 math credit

ALGEBRA I: This course is designed to help student master the concepts of Algebra. It includes the study of the properties and operations of real numbers, signed number operations, solving all types of linear equations and inequalities, applications involving linear equations and inequalities, linear equations in two variables, probability and statistics in the first semester. The second semester will include systems of equations, operations with monomials and polynomials, factoring, solving quadratic equations, operations with rational expressions, solving rational equations, and applications of systems and rational equations.

Grade Level(s): 9-12 **Course Length:** 1 year
Prerequisite: qualifying pre-test score **Credit:** 1 math credit

GEOMETRY: This course is designed to provide the student with a strong background in Euclidean Geometry. This course begins with a study of reasoning and mathematical logic with application to Euclidean Geometry. The concepts of sets, measurement, and congruence will be investigated and applied with respect to angles and triangles. The student will also be introduced to the concept of indirect proof and its use with regards to inequalities. The course will develop concepts of parallel lines, perpendicular lines, and similarity. Additionally, the student will use these concepts as a basis for the study of trigonometry in right triangles. This course will also include the topics of parallel and perpendicular lines, trigonometry with right triangles, and the study of common geometric figures in two and three dimensions.

Grade Level(s): 9-12 **Course Length:** 1year
Prerequisite: Algebra I **Credit:** 1 math credit

ALGEBRA II: This course is designed to prepare students for standard college-level algebra. The topics will include reviews of the properties of real numbers, polynomial and rational expressions, solving equalities and inequalities in one variable, linear equations and inequalities in two variables. We will also work with irrational and complex expressionis, conic sections, probability and statistics and a variety of problem-solving techniques. Systems of equations and applications, elementary functions, log and exponential functions, and trigonometric functions and identities are included in the curriculum.

Grade Level(s): 9-12 **Course Length:** 1 year
Prerequisite: Geometry **Credit:** 1 math credit

PRE-CALCULUS: This course is designed to cover a variety of analysis and pre-calculus topics to prepare students for advanced courses in mathematics. The topics will include a study of mathematical systems and sets, vectors, complex numbers, sequences and series, infinite sequences and series, matrix operations, elementary functions, transcendental functions and limits of functions.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite: Algebra II **Credit:** 1 math credit

ADVANCED PLACEMENT CALCULUS AB HONORS: This course is designed to prepare students to take the AP Calculus test for college credit. The topics include functions, limits, rates of change, derivatives, and applications of derivative, differentials and differential equations, areas under curves, integrals and applications of integrals.

Grade Level(s): 12 **Course Length:** 1 year
Prerequisite: Pre-calculus **Credit:** 1 math credit

ADVANCED PLACEMENT CALCULUS BC HONORS: This course is designed to prepare students to take the AP Calculus test for college credit for a second semester of college level Calculus. The topics include advanced methods of integration, polar coordinates, improper integrals, and advanced applications of integrals.

Grade Level(s): 12 **Course Length:** 1 year
Prerequisite: AP Calculus AB **Credit:** 1 math credit

MATH CONNECTIONS: This course is designed to round out a student's mathematical skills. The course concentrates on helping the student acquire and apply the concepts and skills found in the Arizona State Mathematics Standards. The topics covered in this course include a review of basic Algebraic concepts and operations, the interpretation and construction of graphs, basic statistical measures, and basic Euclidean Geometry, fractions and number theory, rational expressions, applications of ratios and proportions, percents, the features and properties of circles and polygons, probability, statistical representations and geometry.

Grade Level(s): 12 **Course Length:** 1 year
Prerequisite: 2 math credits **Credit:** 1 math credit

PERFORMING ARTS

MUSIC

MUSIC STUDIO: Open to students interested in learning the fundamentals of music, including students with no prior musical experience. Enrolled students will learn about music theory, as well as receiving group and individual instruction in voice or on a suitable instrument. This course includes no required performances; however co-enrollment in Instrumental Music or Concert Choir is permitted. Instrumental students may be required to purchase or rent their own instrument. Instruments offered include: Flute, Oboe, Clarinet, Saxophone, Bassoon, Trumpet, French Horn, Baritone, Trombone, Tuba, Percussion and Piano/Keyboard.

Grade Level(s): 9-12
Prerequisite: None
Course Length: 1 year
Credit: 1 fine art credit
May be repeated for credit

BEGINNING CHOIR: Beginning Choir is open to all students who are interested in learning to sing, musicianship and vocal performance. Students will learn the basics of healthy vocal technique, music history, basic music theory and sight reading. This class will explore many genres in the choral music world ranging from Classical to Broadway and pop tunes. Academic student outcomes include basic music theory, beginning music history, sight reading skills, independent and ensemble singing. **Students are required to attend all scheduled performances.** Additional activities may include solo and small ensemble performances for community events, Solo and Ensemble festivals, Regional Choir (by audition) and All State Choir (by audition).

Grade Level(s): 9-12
Prerequisite: None
Course Length: 1 year
Credit: 1 fine art credit
May be repeated for credit

ADVANCED CHOIR: Advanced Choir is open, by director approval, to any student who has had previous singing and vocal performance experience. In this class, students will further explore music theory, sight reading and intermediate to advanced vocal techniques. The students in the class must be exemplary students in both academics and musicianship. The ability to match pitch is required. The students will sing choral music from all genres including Classical, vocal jazz, pop, Broadway and more! Academic student outcomes include intermediate music theory, music history, sight reading skills, solo and ensemble singing. **Students are required to attend all scheduled performance.** Additional activities may include solo and small ensemble performance the community events, Solo and ensemble festivals, Regional choir (by audition) and All State Choir (by audition.)

Grade Level(s): 9-12
Prerequisite: Must audition plus 1 yr
Of singing/performing experience
Course Length: 1 year
Credit: 1 fine art credit
May be repeated for credit

INSTRUMENTAL MUSIC: Open to students with proficiency in playing an instrument (by audition), as well as any non-musician who is co-enrolled in the Music Studio course. Ensembles will be arranged according to enrollment and instrumentation. Students will perform a broad variety of music from many genres, as well as learning about the theory and practices of music, the process of composition, and the technical operation of their instrument(s). Students may be required to purchase or rent their own instrument. A schedule of required performances will be provided; in addition, extracurricular performance activities are also offered to interested students on a seasonal basis.

Grade Level(s): 9-12
Prerequisite: Musical proficiency (determined by audition) ***or*** Co-enrollment in Music Studio
Course Length: 1 year
Credit: 1 fine art credit
May be repeated for credit

PERCUSSION ENSEMBLE: Open to students with intermediate percussion proficiency (by audition). This course explores the unique role of percussion in music, as well as providing opportunities to develop advanced technical skills, opportunities to observe and assess percussion performances, and opportunities to perform in a wide variety of concert and marching idioms. Students may co-enroll in the Instrumental Music course, but are not required to do so. A list of required performances will be provided. Students may be required to purchase or rent their own sticks, mallets and basic practice equipment.

Grade Level(s): 9-12
Prerequisite: Musical proficiency (determined by audition)
Course Length: 1 year
Credit: 1 fine art credit
May be repeated for credit

THEATRE

INTRO TO THEATRE: In this course students will learn basic skills, terminology, techniques and an overview of theatre history. Lessons will be taught from our in class textbook, "Theatre-Art In Action", as well as from lectures, class projects, guest speakers, individual assignments and even movies. This course will emphasize basic theatre skills that are useful in many different fields such as public speaking, quick thinking, collaboration, and self-confidence. Topics of study include Shakespearean sonnets, technical theatre, reader's theatre, theatre games, monologues, and scene work. Students should expect to participate and to see personal growth: as much of the class will focus on being involved. Students will also be required to work on some aspect of a production in a non-performance role outside of class time. This will total six (6) hours per semester and there will be many opportunities to fulfill this requirement. Attendance at one performance per semester of the students choosing (subject to instructor approval) is also necessary.

Grade Level(s): 9-12
Prerequisite: None
Course Length: 1 year
Credit: 1 fine art credit

ADVANCED THEATRE: This course will continue to build on the skills and knowledge developed in Introduction to Theatre. It will cover many of the same areas that are taught in that class, however, the focus will be more thorough as it will require even more student participation. In addition, students will be given opportunities to act, direct, produce, and work on technical and behind the scenes aspects of theatre. This class stages as one-act play festival and students will write a short play also. As part of this course students will be required to perform nine (9) hours a semester working on a production outside of class time in a nonperformance role and also to attend one performance of the students choosing (subject to instructor approval) per semester.

Grade Level(s): 10-12
Prerequisite: Intro to Theater or Instructor Approval
Course Length: 1 year
Credit: 1 fine art credit

APPLIED THEATRE: This class will focus on the application of the skills learned in previous classes. Students will be expected to perform, direct their classmates, give and accept criticism and be willing to learn different performance styles. The students will research a historical period or specific genre of theater and then create a performance in that style. Topics will include world drama, historical and classical playwrights, advanced scene study and a career outlook. Students taking this class must be self motivated because this course will move faster and have more outside of class work then the previous theater courses.

Grade Level: 11-12
Prerequisite: Introduction to Theatre & Advanced Theatre
Course Length: 1 year
Credit: 1 fine art credit

STAGE PRODUCTION: This course is designed to give students the practical knowledge as well as the technical skills needed to stage a theatrical production. Much of the emphasis of this course will be on the students designing and creating the necessary components of a performance. Our in class textbook, "Theatre-Art in Action", will serve as a launching pad into many of our tasks. Class projects, individual assignments, lectures, guest speakers, and movies will be utilized to provide further insight. Topics of study include lighting design, sound design, fly system, set design, stage craft, play/movie analysis, budget/feasibility assessment, publicity, theatre vocabulary, theatre history, stage makeup, and costume design. There will also be an emphasis on understanding a production concept. Students are required to fulfill nine (9) hours outside of class per semester working on a production in a nonperformance role and also to attend one theatrical show of the students choosing (subject to instructor approval) per semester.

Grade Level(s): 9-12 **Course Length:** 1 year
Prerequisite: Interest in techie stuff **Credit:** 1 elective credit

ADVANCED STAGE PRODUCTION: This course will serve as the tech crew for the high school and also assist at the Webb Center. This class requires hours outside of class therefore students must have transportation and be self-motivated. The students will also submit proposals for sets, costumes and lighting designs for the high school productions. The selected student designs will then be worked on for use in the fall play and spring musical.

Grade Level: 10-12 **Course Length:** 1 year
Prerequisites: Stage Production or instructor approval **Credit:** 1 elective credit

APPLIED STAGE PRODUCTION: This course will continue to build on the knowledge And skills developed in Stage Production and Advanced Stage Production. Since these students will have had experience in evaluating, designing and constructing for the stage the concepts will be moved to a more advanced level including having the students serve in a supervisory capacity on various projects. Students will work in crews for much of this class as it will stress the teamwork needed backstage to run a successful production. Students should also expect to constructively critique work to refine their skills and designs. There will be a limited number of outside of class hours required for this course. In addition, students will gain knowledge in different styles of design and theatre business management and a historical perspective on design for the theatre.

Grade Level: 11-12 **Course Length:** 1 year
Prerequisites: Advanced Stage Production **Credit:** 1 elective credit

Bring On The Drama

PHYSICAL EDUCATION

FRESHMAN PHYSICAL EDUCATION AND HEALTH: This class meets the minimum state requirement for physical education and health. The health portion emphasizes life long fitness, physical, emotional, and social health as well as self esteem, stress management, human anatomy, nutrition, substance abuse, infectious diseases (STD, AIDS), injury prevention and first aide. The Physical Education portion will emphasize lifelong sports (golf, tennis, fitness, challenge course, biking, hiking, outdoor activities), and team sports.

Grade Level(s): 9 **Course Length:** 1 year
Prerequisite: none **Credit:** 1 P.E. credit

WEIGHT TRAINING: This class is designed to encourage the student to achieve and maintain a high level of physical fitness (strength, speed, power, flexibility, anaerobic, and aerobic conditioning). Student will learn fitness program design, elements of fitness, nutrition, human anatomy, fitness testing procedures, and proper lifting techniques.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite: Freshman P.E. **Credit:** 1 elective credit

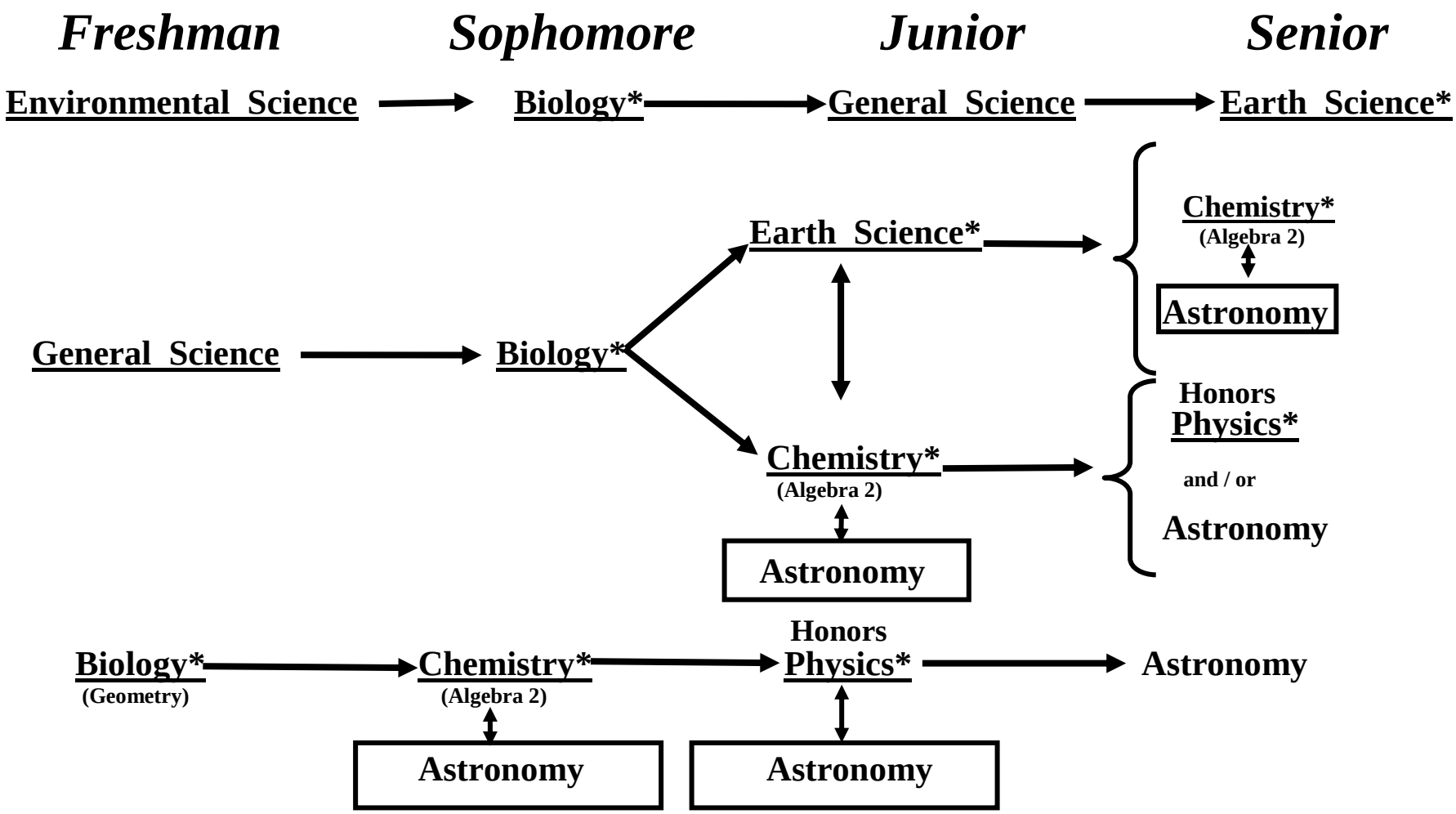
SPORTS MEDICINE: This course will prepare the student to be a Student Athletic Trainer. Class work will include an introduction to human anatomy in relation to an athlete participation in sport. Class topics will include in-depth studies of recognition, evaluation, and treatment of athletic injuries, first aid and CPR, care of common athletic injuries, use of tape, wraps and protective equipment.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite: Biology & Eligibility for school activities participation **Credit:** 1 elective credit

ATHLETIC-SPECIFIC: This class is open to students who have made one of the twelve sports offered at Wickenburg High School. Student-athletes will be involved in sport-specific conditioning and weight-training in the off-season and sport-specific skills during the season of sport. This course may replace the freshman Physical Education requirement for graduation.

Grade Level(s): 9-12 **Course Length:** 1 year
Prerequisite: Placement on an Athletic Team **Credit:** 1 elective credit

Pathway for Science at WHS



All underlined courses receive science credit toward graduation.
Astronomy may be taken concurrently with either Chemistry or Physics.
Asterisks identify courses that meet the Lab Science requirement for University Admission.

Created by the Office Applications Class 07-08

SCIENCE

9TH GRADE ENVIRONMENTAL SCIENCE: This course is intended to prepare 9th grade students for General Science and Biology. The goal of this course is to gives students an opportunity to learn how the "biological" world and "environmental" world are interconnected and function together. Throughout this course the outdoor classroom will be used for student projects, research, as well as, data collection for scientists involved in the GLOBE (Globe Learning and Observation to Benefit the Earth – sponsored by NASA) program. This course will focus on the abiotic (soil, water, water quality, water sheds) and biotic (cells, plants, animals, and biomes). This course is intended to prepare students for General Science and Biology.

Grade Level(s): 9th GRADE ONLY
Course Length: 1 year
Prerequisite: Concurrent enrollment in Extended Algebra A or instructor approval.
Credit: 1 science credit

GENERAL SCIENCE: A two semester course designed to give the first or second year high school student a basic understanding of chemistry, physics, and earth science. Topics include the physical and chemical properties of matter, structure of the atom, arrangement of the periodic table, chemical bonding, chemical reactions, properties of motion, Newton's Laws, energy, heat, light, sound, electricity, and astronomy. Strong emphasis is placed on the development of good laboratory skills and the building of a technical vocabulary

Grade Level(s): 9-11
Course Length: 1 year
Prerequisite: Concurrent enrollment in Algebra I or Extended Algebra B or by instructor approval.
Credit: 1 science credit

Special Requirements: Must have a scientific calculator.

BIOLOGY: A two semester course designed to give the second year science student or upper level freshman student the opportunity to advance their knowledge in the field of biological science. Students will participate in a vigorous study of living organisms through lecture, discussion, laboratory, and group projects. Topics covered include biological principles, laboratory safety, microscope usage, ecology, biochemistry, basic cell structure and function, photosynthesis, and protein synthesis. Second semester begins with an in-depth discovery of genetic principles which leads into specific classification and anatomical studies of organisms. Note that this course is accepted as a lab-science by universities, and it is strongly recommended for students planning to attend college.

Grade Level(s): 9-10
Course Length: 1 year
Prerequisite: Successful completion of Environmental Science or General Science or concurrent enrollment in Geometry or by instructor approval.
Credit: 1 science credit

CHEMISTRY: This two semester college preparatory course places strong emphasis on development of laboratory skills and problem solving using the SI system of measurement. Students will first do an in-depth study of the arrangement of the Periodic Table and the structure of the atom through quantum numbers. They will also study the basic fundamentals of chemical bonding and chemical formulas, chemical equations, reactions, stoichiometry, reaction kinetics, acids, bases, and organic chemistry. Note that this course is accepted as a lab science by universities, and is strongly recommended for students planning on attending college.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite: Successful completion of Biology, and enrolled in Algebra II **Credit:** 1 science credit

Special Requirements: Must have a scientific calculator.

EARTH SCIENCE: This course covers aspects of Earth and space. First semester is a fundamental study of geology including characteristics and interrelationships of living organisms and non-living Earth structures, mineral and rock composition, soil regions/changes in the Earth's surface, and mapping strategies. Second semester focuses on the atmosphere, meteorology, and renewal of our water resources. Finally, the course involves astronomy and Earth's relationship to other objects in the universe. Note that this course is accepted as a lab-science by universities.

Grade Level(s): 11-12 **Course Length:** 1 year
Prerequisite: Successful completion of General Science and Biology **Credit:** 1 science credit

HONORS PHYSICS: This two semester college preparatory course places a strong emphasis upon developing good problem solving and laboratory skills, emphasizing the application of mathematical techniques to understand the physical world. Topics covered include the basic concepts used to describe motion, such as velocity and acceleration, Newton's Laws of Motion, energy conservation, and electricity. Note that this course is accepted as a lab science by universities, and is strongly recommended for students planning to attend college.

Grade Level(s): 11-12 **Course Length:** 1 year
Prerequisite: Successful completion of Honors Chemistry & Algebra II. **Credit:** 1 science credit

Special Requirements: Must have a scientific calculator.

ASTRONOMY: This two semester course places strong emphasis on understanding our universe. Students will begin with a study of the history of astronomy, the constellations, and myths associated with them. They will also do an in-depth study of light, how it is produced, how stars make light, how we can use light to determine the compositions of stars and how telescopes, both radio and optical, use electromagnetic radiation to form images. The different types of stars, galaxies, planets, nebulas, and other phenomena presently known to exist in our universe will also be studied. There will be monthly night-time observation sessions during the school year.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite: Completion or concurrent enrollment in Honors Chemistry and Algebra II. **Credit:** 1 elective credit

Special Requirements: Must be able to attend night labs at least once a month. Have a scientific calculator.

HABITAT MANAGEMENT: This two semester course places strong emphasis on understanding habitat and its importance to wildlife. Students will begin with a brief history of the development of the development of habitat management, and its role in conversation. Students will also do in-depth habitat evaluations, monitoring, and enhancements in Wickenburg High School's "Game and Fish Conservation Easement". The importance of water, water management, conservation, monitoring, and its relationship to habitat will also be an integral part of this course.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite: Successful completion of Biology or by instructor approval. **Credit:** 1 elective credit

Special Requirements: scientific calculator, notebook, school internet authorization, and binoculars (optional)

HUMAN ANATOMY & PHYSIOLOGY: Human Anatomy and Physiology is designed for the advanced science student interested in the life sciences. Studies of the anatomy and body systems will enable students to understand how the body functions and how each system relies upon the other. Classroom activities include lectures, discussions, microscope use, and laboratory dissections. This course will cover the structure of certain human cells, systems of the human body, and the proper maintenance of them.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite: Biology **Credit:** 1 elective credit

SOCIAL STUDIES

Note: Due to scheduling constraints as well as the alignment of the curriculum, students who are electing to take Honors-level courses may be scheduled within a regular course but will still have the opportunity to receive honors credit.

WORLD GEOGRAPHY: This course deals with physical geography, emphasizing student knowledge of the location of US states, cities, and physical features around the world. The course includes training in the use of maps.

Grade Level: 9 **Course Length:** 1 semester
Prerequisites: **Credit:** 1/2 social studies credit

WORLD GEOGRAPHY HONORS: This course deals with physical geography, emphasizing student knowledge of the location of US states, cities, and physical features around the world. The course includes training in the use of maps. It will include special activities and projects, etc., that may not be available to regular classes.

Grade Level: 9 **Course Length:** 1 semester
Prerequisites: **Credit:** 1/2 social studies credit

CONSUMER ECONOMICS: This course deals with basic economic principles and terminology, as well as an overview of practical economic information.

Grade Level: 9 **Course Length:** 1 semester
Prerequisites: **Credit:** 1/2 social studies credit

CONSUMER ECONOMICS HONORS: This course deals with basic economic principles and terminology, as well as an overview of practical economic information. It will include guest speakers, as well as special activities and projects, etc., that may not be available to regular classes.

Grade Level: 9 **Course Length:** 1 semester
Prerequisites: **Credit:** 1/2 social studies credit

WORLD HISTORY: This course includes a brief overview of ancient and medieval history. Most of the course will concentrate on modern history. The emphasis is on western civilization, but it includes discussion of relevant history of other regions of the world.

Grade Level(s): 10 **Course Length:** 1 year
Prerequisite: World Geography & Consumer Economics **Credit:** 1 social studies credit

WORLD HISTORY HONORS: This course is designed for motivated students who have a high interest in History. It involves a survey of ancient, medieval history, and modern history. The emphasis is on western civilization, but it includes discussion of relevant history of other regions of the world. The course will include special activities, films, etc. that may not be available to the regular classes. Students should commit to staying in the course for the entire year.

Grade Level: 10 **Course Length:** 1 year
Prerequisites: World Geography Honors & Consumer Economics Honors **Credit:** 1 social studies credit

AMERICAN HISTORY: This course is designed to help students to better understand the United States today. The emphasis is on tracing the development of our present situation from the arrival of Columbus to the present.

Grade Levels(s): 11 **Course Length:** 1 year
Prerequisite: Completion of World History/Honors **Credit:** 1 social studies credit

ADVANCED PLACEMENT (AP) AMERICAN HISTORY : This course is for motivated, college bound students who have high interest in our nation's history and in current affairs. Course elements include the development of our national institutions, the creation of our unique system of government, and the major trends of American History.
The course curriculum will be taught at a high level of rigor appropriate for an AP course and will require a level of student commitment above and beyond that of students in the standard course. The course will also involve special activities, debates, field trips, videos, etc. that may not be available to the regular government classes. It will also include material likely to be covered on the national AP American History Exam. Students should commit to staying in the course for the entire year.

Grade Level: 11 **Course Length:** 1 year
Prerequisites: World History Honors or World History with a B+ average **and** instructor approval **Credit:** 1 social studies credit

AMERICAN GOVERNMENT/ARIZONA CONSTITUTION & HISTORY: This course includes an overview of various governmental systems, the fundamental principles of the US Constitution, and the operation of the federal government. It will include a brief history of the settlement and development of the state of Arizona. It will also include study of the major principles of the state constitution and the working of the state, county, and local governments. A unit on the free enterprise system will also be included. This will also include comparison and contrast between our economic system and other major systems throughout the world.

Grade Level(s): 12 **Course Length:** 1 year
Prerequisite: Should have completed American History **Credit:** 1 social studies credit

ADVANCED PLACEMENT (AP) US/AZ GOVERNMENT: This course is for motivated, college bound students who have high interest in how our government works, in the problems and issues related to government, and in current affairs. Course elements include the fundamental principles of the U.S. Constitution, the operation of the federal government, and overview of various other governmental systems. Another component of the course includes study of Arizona History and Government, as well as the workings of county and local levels of government. In addition, there is a unit on the working of the free enterprise system in the United States, including comparisons with other economic systems. The course curriculum will be taught at a high level of rigor appropriate for an AP course and will require a level of student commitment above and beyond that of students in the standard course. The course will also involve numerous special activities, debates, field trips, videos, etc. that may not be available to the regular government classes. It will also include material likely to be covered on the national AP Government Exam. Students should commit to staying in the course for the entire year.

Grade Level: 12 **Course Length:** 1 year
Prerequisites: AP American History or American History with a B+ average **and** instructor approval **Credit:** 1 social studies credit

PSYCHOLOGY/SOCIOLOGY: The fall semester of the course will focus on the sociological concepts of human relationships and social behavior. The spring semester of the course will focus on the psychological concepts of human behavior and the mental process. The course is geared toward the college introductory level.

Grade Level(s): 11-12 **Course Length:** 1 year
Prerequisite: Students should currently be enrolled or have completed courses in world history and biology **Credit:** 1 elective credit

SPECIAL EDUCATION

Special Education classes will be offered either a self-contained or the least-restrictive environment setting based on the students individual education plan (IEP)

Writing
Skills
Reading
Math
Science
Social Studies
Elective
Life Skills

Courses may change depended on the student's (IEP)

VISUAL ARTS

ART I: Art I is an introductory art class designed to familiarize the student with a variety of Art techniques and materials. The materials may include tempera, watercolor, pen and ink, pastels, charcoal, pencil and block printing. Hand building of ceramics and sculpture techniques are also taught. The course contains a short (approximately one week) section of Art History included in each semester.

Grade Level(s): 9-12 **Course Length:** 1 year
Prerequisite: None **Credit:** 1 fine art credit

ART II: Art II is a continuation of some of the techniques and media introduced in Art I. The Student will work with materials such as acrylics, silk screen, and be required to create a number of ceramic objects on a potter's wheel. The class also offers two periods of art history per semester.

Grade Level(s): 10-12 **Course Length:** 1 year
Prerequisite: Art I **Credit:** 1 fine art credit

ART III: Art III is a studio based class. Through conferences with the teacher, the student will determine his/her area of exploration in art. Such areas may include silversmith, silk-screen, oil painting and weaving. It is highly recommended that the student and teacher coordinate this prior to the school year to ensure that the needed materials are available for the student's use. As in Art I and Art II there are certain requirements such as art history.

Grade Level(s): 11-12 (recommended) **Course Length:** 1year
Prerequisite: Art I & II **Credit:** 1 fine art credit

ART IV: Art IV projects are designed to expose students to new and various forms of art. The forms to be explored are of a type that would help prepare the student to be successful in a college visual arts class. For those students that are planning on majoring in the visual arts the class also helps the student develop a portfolio of their work. Some of the areas of study are: Opaque and transparent painting, ceramics, life drawing, design, art history, multi-media two dimensional art, sculpture, printmaking etc.

Grade Level: 12 **Course Length:** 1 year
Prerequisites: Art I/II/III **Credit:**

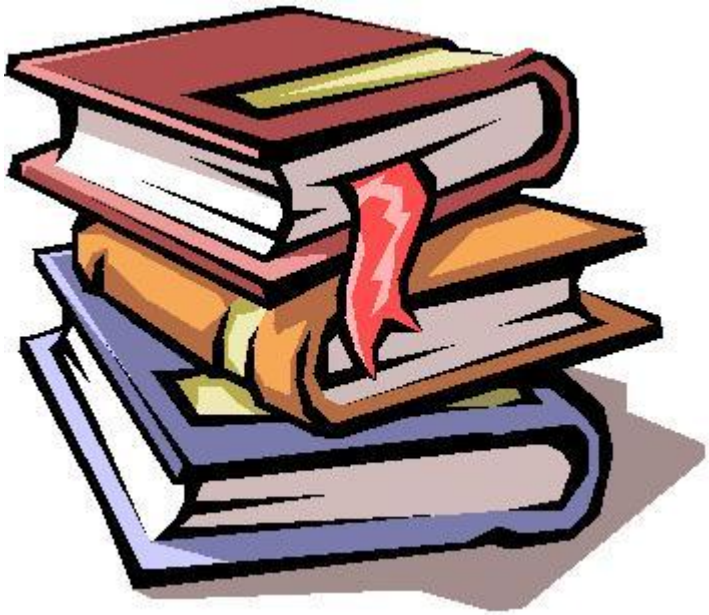
NON-DEPARTMENTAL OFFERINGS

INDEPENDENT STUDIES: Independent Studies is a plan in which students pursue areas of individual interest beyond the academic curriculum or the regular high school program. Emphasis is on analysis, synthesis, evaluation and abstract thinking. The course provides a diverse curriculum appropriate to individual student needs. Interested students must submit a proposal which requires principal approval. Elective credit only may be earned through Independent Studies.

Grade Level(s): 9-12 **Course Length:** 1 year
Prerequisite: Counselor/Administrative Approval **Credit:** 1 elective credit

TEAM TEACHER: Teacher's Assistantship is an elective work-study. The student will be assigned to a teacher to aid in team teaching and tutoring of students.

Grade Level(s): 11-12 **Course Length:** 1 year
Prerequisite: Counselor/Administrative & Teacher Approval **Credit:** 1 elective credit May be repeated

ASSISTANT – (applicable for office, counseling, and teachers): Assistantship is an elective work study. The student will be assigned to the office, counseling, or a teacher to aid in various activities.

Grade Level(s): 11-12 **Course Length:** 1 year
Prerequisite: Counselor/Administrative & Teacher Approval **Credit:** 1/2 elective credit May be repeated