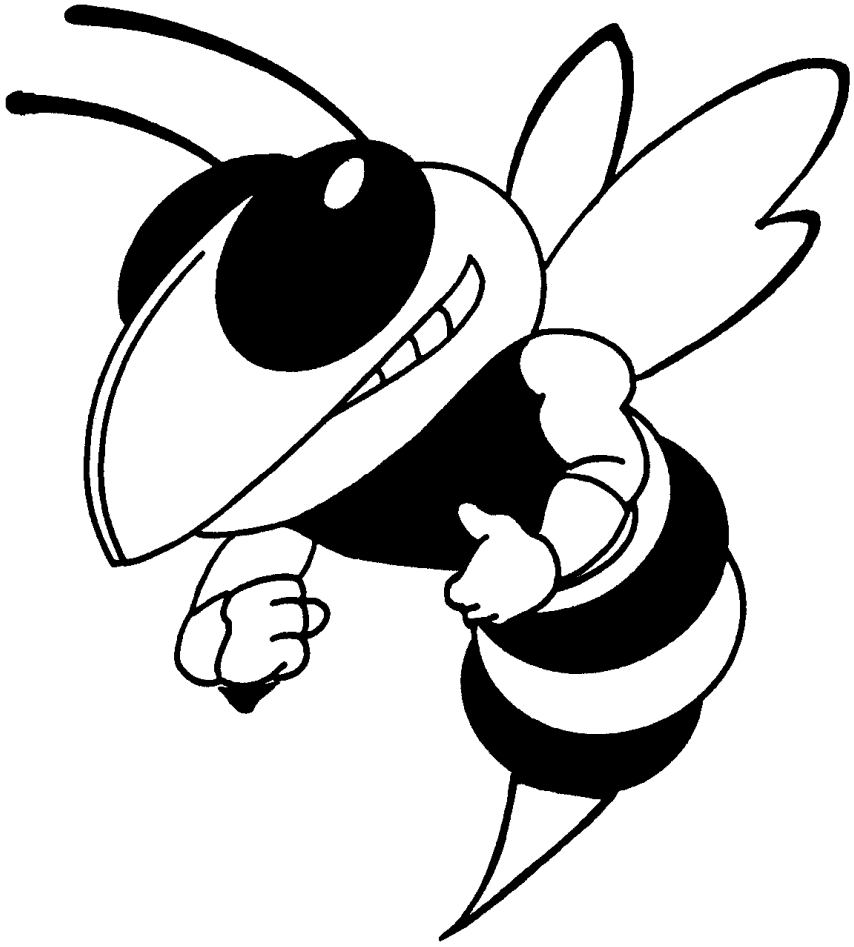
BLUE RIDGE HIGH SCHOOL

COURSE CONTENT BOOK



2020-2021

(Class of 2024)

Student Name: _____

Graduating Class: _____

BLUE RIDGE SCHOOL DISTRICT

TRADITION • ACHIEVEMENT • INNOVATION

EST 1963

Blue Ridge Unified School District No. 32

Course Content Book

Blue Ridge High School ●2020 – 2021

District Governing Board

Jennifer Brimhall, Diana Butler
Margaret Gabe, David Merrill,
Chuck Waldo

District Administration

Michael Wright, Superintendent
Brenda Thomas-Martinez, Director of
Finance and Business Operations

Blue Ridge High School

1200 W. White Mountain Blvd.
Lakeside, AZ 85929 (928) 368-6328

Loren Webb, Principal
Bryon Crain, Assistant Principal
Bob London, Athletic Director

Purpose

The purpose of Blue Ridge High School is to provide the school community with a safe and nurturing environment where students can excel.

Mission Statement

Blue Ridge High School, working with parents and community, provides a quality education to inspire students to pursue excellence, respect others, become lifelong learners, engage in leadership and service, and develop an awareness of the global community.

All students, regardless of race, creed, gender, age or disability have the opportunity to apply for any offered courses. For further information, contact BRUSD Special Services Director at 368-6126, ext. 2210.

It is every student's and parent's responsibility to read this booklet and obtain and keep written documentation regarding academic and discipline decisions. No verbal comment by a staff member can override any policy within this booklet.

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BLUE RIDGE HIGH SCHOOL
Pinetop-Lakeside, Arizona

Dear Student:

Study these scheduling materials carefully, discuss them with your teachers and your counselor, and take them home to discuss them with your parents. As you select courses, consider the requirements for graduation and the various course levels. The more challenging courses will improve your chances for college admission, scholarships, academic awards and recognition.

This book applies to you as a freshman and for the rest of your high school career. You must refer to the course content book issued to you as a freshman as you progress through high school. Earlier and later course content books may not apply to you, unless amendments to your book are approved by the Governing Board in later years.

Once you have selected your classes from this course content book, record them on the appropriate registration form. Some classes, including AP and honors classes, require instructor approval. For those classes, you must have the appropriate instructor initial on your registration form.

After listing your primary course choices, you are to select the necessary corresponding alternate courses. The counselors will make every effort to schedule you in your first-choice courses, but scheduling conflicts and full classes may require them to use some of your alternate choices. Be careful with your primary and alternate course choices. Your schedule will be approved for a full year, and later schedule changes will be very limited.

Your registration form must be signed by your parent or guardian and returned to school no later than the due date you are given each year. If you are a high school student, return your signed registration form to your first hour teacher. If you are a junior high student, return your signed registration form to the teacher from whom you received your scheduling materials or to the Blue Ridge Junior High office.

Freshman of 2020-2021 should read the section on GPA ranking carefully as well as any addendum that may be provided at the beginning of the school year. If any Course Content Book changes occur between now and the start of school, they will be published in an addendum that will be issued shortly before school starts.

If you or your parents have any questions, you may contact me or a member of our high school counseling staff. Have a great year!

Loren Webb
Blue Ridge High School Principal

Blue Ridge High School Profile
CEEB code: 030185
Main office: (928) 928-6126
Website: www.brusd.org
Principal: Loren Webb
Assistant Principal: Bryan Crain
School Counselors: Jacki Dunsmore
Student Services Support: Kris Slaughter and Jen Olney

Community: Spanning 11.3 square miles Blue Ridge Unified School District serves the educational needs of Pinetop/Lakeside and surrounding communities. Located in one of the state's White Mountains, the district enjoys a diversified economic base. The district services K-12 students.

School: Blue Ridge High School is a comprehensive four-year public high school enrolling averages 680 students in grades 9–12. In 1960-61 the formerly separate Pinetop and Lakeside Districts merged into Pinetop-Lakeside District #32. In November of 1963, the student body voted and changed the name of the school Blue Ridge Yellowjackets and has been called such since that date. Blue Ridge High School is accredited by the AdvancED and holds membership in the College Board, the Arizona School Counselor Association and the Arizona Career and Technical organization.

Students: Blue Ridge High School is composed of the following ethnic groups: Asian- <1%; African American- <1%; Hispanic-26%; Native American-20%; Multi-Racial-4%; White-49%, Pacific Islander- <1%. Student enrollment for the 2018-19 school year averaged 680 students

Curriculum: The academic program is organized on a four-block schedule with some blocks eligible to be broken up into two short classes. Four credits per semester is the maximum course load; students take four 90-minute blocks with the option of breaking up to three of those into 45-minute classes. Most English, Math, World Languages, CTE, Science, and History courses will be semester long blocks. Some freshman level English and Math courses are yearlong blocks, and most short classes are electives and Performing Arts courses.

AP® program: Blue Ridge High School offers the following courses: Research, Seminar, Calculus AB and BC, English Language and Composition, English Literature and Composition, U.S. History, European History and Human Geography. AP is an open-enrollment program. *****

Honors Courses: Blue Ridge High School also offers the following Honors Courses: College Algebra H, Pre-Calculus H, English 9 H, English 10 H, Biology H, Chemistry H, Physics H, World History H, US History H, Government/Economy H. *****
*****The current AP and Honors course offerings have shifted significantly while the graduating class of 2020 has been in school. They may have not been able to take some of these offerings.

The Northern Arizona Vocational Institute of Technology (NAVIT) enables juniors and seniors to enroll in freshman courses and earn college credits at Northland Pioneer College the local institution of higher education.

Rank: Blue Ridge High School students are ranked among their classmates using a Weighted Core Grade Point Average (WC-GPA) ranking system that gives added weighting to Honors (H) level core courses. Details are in the Academic Policy section of this booklet.

Grade Point Average (GPA) Calculation: GPA Is computed using the above quality points. Beginning with grade nine all subjects, whether passed or failed, are included in the computation. A minimum of 24 credits is required for graduation. AP and Honors classes are weighted by one point. Grades are recorded on the transcript and GPA is computed in January and May.

Standardized Tests: Blue Ridge High School administers all required Arizona state standardized tests. In addition, the school administers the SAT three times, the ACT four and the ASVAB once per year.

Post High School Placement: 39% matriculated to 4-year colleges, 28% matriculated to 2-year institutions, 33% selected work, military service or technical instruction

Awards and Distinctions: 2019 Top 10 Schools in Arizona for College and Career Readiness, 2018-19: 1 Merit Scholar, 1 Obama Scholarship recipient. 2016-17: 1 Merit Scholar,
2015-16: 1 Gates Scholarship recipient, 1 Flinn Scholarship recipient. Over the years we have had 22 Gates Scholarship recipients

There were 140 graduates in the Class of 2020.

Contact Information:

Jacki Dunsmore
School Counselor
jdunsmore@brusd.org

Jen Olney
Student Services Support
jolney@brusd.org

Kris Slaughter
Student Services Support
kslaughter@brusd.org

ACADEMIC POLICIES

1. **COURSE CATEGORIES:**
   All Blue Ridge High School courses are grouped into one of two categories:

Core Courses:	English, Math, Science, Social Studies
Non-Core Courses:	All other courses

   Standard-level courses do not carry any particular designation. Core courses designated as honors level will be noted by the designation of either "H" or "AP" in the course title in the course description section of this book. This distinction between courses is very important in the Weighted Core GPA class ranking system as standard and honors course numeric grades are weighted differently (see the Numeric Grades discussion later in this section).

2. **COURSE CREDIT:**
   For most courses, one full credit is awarded for each semester of the course in which a passing grade is earned. A full credit is awarded for a small number of special courses that meet daily both semesters. No credit is awarded for grades of F, W, or N. Double credit for the same course is not allowed, unless the course description indicates the course is repeatable for credit. Credit will not be permitted twice for taking different academic-level designations of the same course (example: English 4 vs. English 4 AP).
   Students should check with their counselor prior to retaking any course.

3. **LETTER GRADES:**
   Students earn the following letter grades in BRHS courses:
   A - 90% to 100% (earns credit toward graduation and may be used in GPA / WC-GPA calculations.)
   B - 80% to 89.9% (earns credit toward graduation and may be used in GPA / WC-GPA calculations.)
   C - 70% to 79.9% (earns credit toward graduation and may be used in GPA / WC-GPA calculations.)
   D - 60% to 69.9% (earns credit toward graduation and may be used in GPA/WC-GPA calculations.)
   F - 0% to 59.9% (earns NO credit toward graduation, but will be used in GPA / WC-GPA calculations.)
   P - Pass (earns credit toward graduation, but NOT used in GPA calculations.)
   N - No Grade (used for students, whose enrollment in a course does not provide the instructor the opportunity to justify one of the other grades listed. NO credit toward graduation and NOT used in GPA calculations.)
   I – Incomplete (used for students, whose coursework wasn't finished in the allotted time; earns NO credit toward graduation and NOT used in GPA /WC-GPA calculations.)
   W - Withdrawn (used for some students withdrawn from a class prior to completing it; earns NO credit toward graduation and NOT used in GPA /WC-GPA calculations.)

NOTE: The statement above "will be used in GPA/WC-GPA calculation" stems from the fact that Honor Roll and Academic Awards decisions are based on unweighted GPAs while class rankings are based on weighted core GPAs.

NOTE: Individual course grades are earned twice each semester and are final for that semester. Grades for courses that extend over two semesters are not combined to form a single course grade and do not affect each other. Each semester grade stands on its own merits. If a course is taken more than once (repeated), the Course Retake-Grade Replacement Policy applies and specific student action may be required to ensure that transcripts correctly reflect any grade change.

4. **SCHEDULE CHANGES:**
Students are required to make any changes to their class schedules **before the first day of classes** for each semester. After classes begin, only a teacher, counselor or administrator may initiate a schedule change. Such changes would typically only be performed to correct academic misplacements. After fall schedules are released, students and parents may book schedule change appointments with the Counseling Department during available hours up to the day before classes begin. Appointments fill up quickly for the days prior to the beginning of each term, so call and book your appointment early if a schedule change is needed.

5. **NUMERIC GRADES AND CLASS RANKING:**
All letter grades are converted to numeric grades to calculate grade point averages (GPAs). For purposes of calculating student ranking within each cohort class, BRHS uses a weighted core GPA which is calculated using only grades from core courses that fulfill core graduation requirements. For all other purposes, an unweighted GPA is also calculated separately using all grades earned by the student.

The unweighted GPA is calculated using the following scale:

A = 4.0 B = 3.0 C = 2.0 D = 1.0 F = 0

All course grades are converted according to this scale when calculating the unweighted GPA.

The Weighted Core GPA is calculated using the following scale:

Numeric grades for honors courses used to fulfill core graduation requirements: A = 5.0 B = 4.0 C = 3.0 D = 2.0 F = 0

Numeric grades for all other courses used to fulfill core graduation requirements: A = 4.0 B = 3.0 C = 2.0 D = 1.0 F = 0

►*Weighted Core GPA calculations are subject to the following limits:*

English: Up to four credits of English grades are used in the calculation, limited to the courses used to meet English core graduation requirements.

Math: Up to four credits of Math grades are used in the calculation. If the student has taken more than four math credits, the four credits that provide the most benefit to the student's Weighted Core GPA are used in the calculation.

Science: Up to three credits of Science grades are used in the calculation. If the student has taken more than three science credits, the three credits that provide the most benefit to the student's Weighted Core GPA are used in the calculation.

Social Studies: Up to three credits of Social Studies grades are used in the calculation, limited to the courses used to meet Social Studies core graduation requirements.

Class ranking is calculated each summer for each cohort class using the Weighted Core GPA. If a student has completed a core graduation requirement with a Pass-Fail grade, an earned grade of P will count as 2.0 for Weighted Core GPA calculation purposes.

Colleges and universities use class ranking as one indicator of success in high school. If you wish to be competitive for college admission and scholarships, it is important to carefully select your courses in high school.

HONOR ROLL: A student must earn an unweighted 3.5 GPA in the previous term to qualify.

FAILING A COURSE: If a student receives a failing grade in a required course, his or her counselor will adjust the student's schedule by adding the failed course (or a suitable substitute), replacing an elective course on their class schedule at the next appropriate starting point.

NEW TRANSFER STUDENTS: The numeric grade for an honors core course taken previously at another regionally-accredited high school by a new student transferring to BRHS is weighted equally to a BRHS honors core course if BRHS offers an equivalent honors-level core course. However, if an equivalent course is not offered at BRHS, then the incoming honors course is weighted as a standard-level course.

CURRENT STUDENTS TAKING CLASSES AT ANOTHER HIGH SCHOOL: Numeric grades for ANY course taken by current BRHS students through concurrent enrollment with another accredited high school or correspondence program will be treated as a standard-level course and will count as non-core (elective) credit only, unless the student obtains administrative approval for different treatment **before** taking the course. Exceptions to this policy require approval of the Principal after review of the individual circumstances.

6. **JUNIOR CLASS TOP 5% LIST COMPETITION**:
After final grades have been posted at the end of each school year, calculation of Weighted Core GPA's is used to rank the members of the current Junior Class. From this ranking, a list of those students comprising the top percentage of the Junior Class is created and sent to all Arizona universities. Membership on this list may result in a tuition waiver or reduction thereby saving each student significant costs at Arizona's universities. Students must have taken at least 18 credits to be eligible.

7. **VALEDICTORIAN AND SALUTATORIAN RECOGNITION:**
The top two students in the graduating class are selected respectively for these awards based on their final class ranking, calculated according to the policies detailed in the "Numeric Grades and Class Ranking" section above.

8. **GRADUATING CLASS TOP 10% LIST:**
At the end of the school year, just prior to graduation, the graduating class is ranked by their final Weighted Core GPA's. The GPA's used for this special ranking include grades earned plus current teachers' best estimates of grades that are about to be earned for the last term of the school year. Those graduates ranked within the top 10% of their graduating class receive a special distinguishing cord that they are to wear on graduation night over their graduation gown.

9. **ACADEMIC ACHIEVEMENT AWARDS:**
These four awards are presented each year for work performed at Blue Ridge High School during the preceding two consecutive semesters (not the current semester). The students' first presentation is during the fall semester of the sophomore year for performance during the freshman year. The spring presentation is for senior recognition. The awards are calculated on the unweighted GPA.

   ACADEMIC ACHIEVEMENT CERTIFICATE: Presented to qualifying students who have earned a Cumulative Total GPA (unweighted) of 3.40 or higher calculated at the end of the year. A certificate is presented each time the award is earned.

   ACADEMIC LETTER: Presented to qualifying students who have earned a cumulative unweighted GPA of 3.60 or higher calculated at the end of the year. An Academic Achievement Certificate plus a

cloth BRHS Letter suitable for attachment to a letter sweater jacket are presented the first time this award is earned. An Academic Achievement Certificate plus a pin suitable for attaching to the previously issued cloth BRHS Letter are presented each subsequent time this award is earned.

ACADEMIC MEDALLION OF EXCELLENCE: Presented to qualifying students who have earned a cumulative unweighted GPA of 3.80 or higher calculated at the end of the year. The first time this award is presented, the student receives an Academic Achievement Certificate plus an Academic Letter or pin plus a medallion hung from a ribbon worn around the neck. Students who qualify for this award more than once will receive, in place of the medallion, a ribbon award suitable for attaching to the previously awarded medallion plus an Academic Achievement Certificate and an Academic Letter or pin.

STRAIGHT A's CERTIFICATE: Presented to qualified students who have earned a cumulative unweighted GPA of 4.00. This very special award is given in addition to, not in place of, the preceding awards.

Foreign Exchange Student Policy – BRUSD JFABB-R

The District will not admit students who have graduated from their respective school systems. The host families of foreign exchange students who attend District schools must reside within the attendance area of the school that will be attended. High school diplomas will not be awarded. A certificate of achievement of attendance may be awarded at the graduation commencement when appropriate. Sponsoring organizations must provide evidence that each student has sufficient oral and reading proficiency in the English language to assure profitable educational and social experiences during the exchange year. The District does not provide foreign students with financial assistance for such things as class rings, yearbooks, activity cards, or lunches. Foreign exchange students will be enrolled as Juniors.

2021 GRADUATION MINIMUM CREDIT REQUIREMENTS 24 CARNEGIE UNITS (CREDITS)

All graduates

4 credits in English (1 for each class year) including must complete:

- 9 or 9 H; 10 or 10 H; 11 or 11 AP; 12, 12 AP, or (12-101 & 12-102)
- 4 credits in Mathematics (Algebra 1, Geometry or Geometry Acc. and either Algebra 2 or Algebra 2 Accelerated required)
- 3 credits in Science
- 3 credits in Social Studies, including World History, U.S. History, Government and Economics
- .5 credit in Health
- 1 credit in a Business Operations/Microsoft Office introductory class
- 2 credits additional CTE courses (1 junior year and 1 senior year)
- 6.5 credits in other courses

NOTE: All students must also comply with the Arizona ECAP requirement each year, pass the AZ Civics Test and complete the CPR course.

DIPLOMA REQUIREMENTS FOR THE CLASS OF 2021:

Curriculum	Standard Diploma	Honors Emphasis *
ENGLISH *(See sequence for English courses)*	4	4
MATH *(See sequence for Math courses)*	4**** *(Algebra 1, Geometry, Geometry Acc. and Algebra 2 or Algebra 2 Acc. required)*	4**** *(Algebra 1, Geometry, Geometry Acc. and Algebra 2 or Algebra 2 Acc. required)*
SCIENCE *(See sequence for Science courses)*	3	3 *(One each of at least 3: Earth Science, Biology (UP or H), Chemistry, Physics)*
SOCIAL STUDIES *(See sequence for courses)*	3 *(World History, U.S. History, Government and Economics)***	3 *(World History H, U.S. History AP , Govt and Economics H)****
WORLD LANGUAGES	0	2 *(same language)*
BOSS/MOSS (INTRO TO CTE COURSE	1	1
ADDITIONAL CAREER & TECHNICAL ED COURSES (1 junior year and 1 senior year)	2****	2****
FINE ARTS or CTE Graphic Communition or Digital Photo	0	1
HEALTH	.5	.5
ELECTIVE COURSES	6.5	3.5
TOTAL REQUIRED CREDITS	24****	24****
GRADE POINT AVERAGE	No minimum GPA *(With Distinction: 3.5+ unweighted GPA)*	3.0+ unweighted GPA *(With Distinction: 3.5+ unweighted GPA)*
AZCIS	9-12 checklist completed	9-12 checklist completed
AZ Civics Tests	Pass with a minimum score of 60%	Pass with a minimum score of 60%
CPR Requirement	Completion of CPR Course	Completion of CPR Course

* Honors diploma requires a minimum of six honors-level courses from at least three different core subject areas (English, Math, Science, or Social Studies).

** Qualifying math credits for the Honors diplomas are Algebra 1, Geometry, Geometry Acc., Algebra 2, Algebra 2 Accelerated, Advanced Algebra 3 H, Pre-calculus, MAT 152, MAT 189 or any Calculus course.

*** U.S. History must be taken before Government or Economics. U.S. History AP will substitute for U.S. History. Government and Economics are Senior only classes (unless student receives admin. approval.)

**** Any change to the required credits must be written in an Individual Education Plan (IEP) and approved by the team and/or written in a Personal Curriculum Plan (PCP) and approved by the Principal and PCP team.

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FEES FOR COURSES AND ACTIVITIES

(Fees can also be paid online at https://az-blueridge.intouchreceipting.com/)

Course Fees Include:
(Fees subject to change.)

Online courses may incur a fee
$125.00 to $450 per credit.

Behind the Wheel Driver Training
$175.00 per course.

PE Uniform: $20.00.
(required for all PE classes)

Art Supply Fees:
Art Design: $25.00
Ceramics Lab Fee: $30.00

Science Labs: $20.00 per lab class

Music/Theater Fees: $25 to $30 per semester

AP Exam Fees: $94.00 per exam; $53 for Free and Reduced Lunch students.

Activity fees include:

Athletics/Pep Squads Pass (required for participation)

$95.00 1st sport, $75.00 2nd sport, and $50.00 3rd sport.

Family Activity Pass maximum
$275.00 per year

PE/Athletics Locks: Students will be charged $8.00 for unreturned locks.

SkillsUSA: $14.00 per school year.
FBLA $35.00 per school year.

Vehicle Parking Pass Tag: $40.00 per semester.
$75.00 2nd sport,

STANDARD FOR TESTING OUT OF A COURSE

Students may only test out of certain core curriculum courses (Math, English, Social Studies) and World Languages courses. A Pass grade (P) will be awarded for any student who succeeds in testing out of a course. Students may not test out of science courses since there are laboratory components to these classes that cannot be met by testing out. Students may not test out of a course that they have previously attempted in a classroom or online setting, regardless of whether or not a passing grade was received.

Any student who desires to test-out of one or more authorized courses must:

1. Gain written permission from the principal. Typically, this is done within the first two weeks of the grading period.
2. Submit a copy of the written permission to the Registrar.
3. Initiate a meeting with the instructor to learn the requirements for testing out and any particulars concerning the course and the test date. Some courses may require that projects or papers be submitted in addition to a final exam.
4. Perform and hand in all work/tests assigned by the instructor within the allotted time.
5. Earn a final grade of 80% or more. The grade will be determined by the instructor after all work has been completed. The instructor will notify the student and the Guidance Office of the test-out grade on a form provided by that office. The student's final exam will be placed in the student's cumulative record. If the student succeeds in testing out, a Pass grade and appropriate credit will be recorded on the student's transcript. If the course is a core course, a P will be factored into the weighted core GPA at a level of 2.0, but will not factor into or affect the student's unweighted GPA. If the student does not succeed, no annotation will be made on the student's transcript.
6. Credit will not be awarded for testing out of Spanish 1. This will be considered an opportunity to test in to Spanish 2.

NOTE: If you do not earn a Pass grade for the test-out you will NOT be given a second opportunity to test out of the same course.

COURSE RETAKE / GRADE REPLACEMENT POLICY

Students registering for the first time into a course are given preference over those wishing to repeat the course, regardless of whether the course is standard level or honors. Course capacities and instructor approval will be strictly adhered to, so if the class is full or instructor approval is denied, the student will need to take an alternate course. If you fail an honors class, students are not guaranteed a chance to retake at that level. When class capacities have been reached in core classes, students are placed in the Yellow Jacket Learning Center for retakes.

Double credit for the same course is not allowed, unless the course description indicates the course is repeatable for credit. Credit will not be permitted twice for taking different academic-level designations of the same course (example: English 4 vs. English 4 AP). Students should check with their counselor prior to retaking any course.

In most cases, the higher of the two grades (the original grade and the retake grade) will be the grade of record on transcript printouts and for GPA and class ranking purposes. The lower grade will not be displayed on transcripts or used in GPA or class ranking calculations. Once the lower grade is replaced by a course retake, the lower grade will not count for credit toward graduation, even if it was originally a passing grade.

NOTE: **The transcript, GPA and class ranking changes noted above are <u>not automatic</u>. Once a student earns a replacement grade, the student must notify the High School Registrar that the prior grade has been replaced. Until this is done, the prior grade will continue to negatively affect transcripts, GPAs and class rankings.**

POST-SECONDARY ADMISSION CONSIDERATIONS

POST-SECONDARY PLANNING

Many students and their families aspire to post-secondary education for preparation for the working world. Many students and their families depend upon scholarships and federal financial aid to assist them in paying for their post- secondary education. Scholarships are gifts of money given to students who have proven (by maintaining good grades or meeting other criteria) that they are good students and show potential for succeeding in college. Success in postsecondary educational programs is primarily predicated on the basis of proven success in high school programs. Federal financial aid programs (loans and grants), underwritten by the United States Government, are based upon financial need, unlike many scholarships that rely primarily on grades, community service, leadership, extracurricular activities and well-written essays. Also unlike scholarships and grants, loans must be repaid and may include extra fees and interest charges. Often post-secondary schools award a combination of scholarships and federal grants to students, as appropriate, to help them with their educational costs. Students must begin working toward post-secondary goals from the beginning of their high school years.

PARENTS/STUDENTS NEED TO CONTACT THE COUNSELORS

We strongly recommend that students and their parents discuss, investigate, plan and work right from the beginning of the high school years toward a goal of post-secondary education. The administration and staff of Blue Ridge High School have a strong commitment to providing students with all available information about the application process, scholarship and financial aid for postsecondary education. Contact your counselor early in your high school career to discuss goals, options and colleges as well as related post-secondary programs, scholarships, costs and financial aid. Develop a high school four-year academic plan. Review this plan annually! Evaluate the progress and readjust for new goals, developments, and

understandings as needed. Remember that we are here to assist you to be as successful as possible in your educational experience. We can all work together toward that end.

We recommend that students meet with their guidance counselor each semester to make sure that they are registered for appropriate courses to meet graduation requirements and to be properly prepared for their eventual career or college goals.

BLUE RIDGE HIGH SCHOOL COUNSELING/GUIDANCE CENTER

The Blue Ridge High School Counseling/Guidance Center offers services to students in three major domains: academic advisement, career guidance and personal/social support. In our goal to reach out to all students, we provide classroom lessons as well as individual and small group counseling to address topics in the following areas:

ACADEMIC ADVISEMENT: assistance with academic placement, four-year-plus planning and progress meetings. Scholarship information is available for student and parent use in the Scholarship Bulletin Rack and the Scholarship File Cabinet in the Senior Counselor / Scholarship Office. The same information is also available on the Internet at the Blue Ridge High School web site at www.brusd.org.

CAREER GUIDANCE: helping students identify their vocational interests and aptitudes, providing information on the entire spectrum of career options and suggesting course selections which prepare students for their chosen career pathways.

PERSONAL/SOCIAL SUPPORT: offered on a prevention, intervention and referral basis. Students are encouraged to consult with one of our counselors on an individual basis when they are faced with a problem or concern which so preoccupies them that they are unable to be productive within the daily demands of school and home life. Often these concerns are related to short-term adjustments or transitions and they can be discussed and resolved in one to three sessions. In such sessions, emphasis is placed on presenting and modeling techniques for effective problem solving, conflict resolution and coping.

It is clearly not the intent of the Counseling/Guidance Center to provide long term, in-depth therapy for students who are struggling with chronic and serious personal/family problems. When that type of counseling seems appropriate, we work in connection with various community services to provide students and parents with a list of agencies, clinics, hospitals or private practice therapists for their consideration.

An additional goal of the Counseling/Guidance Center is to help parents, and the community, understand the school program. Parents are encouraged to request an appointment with their student's counselor whenever they feel it would be helpful. Our phone number is: 368-6328 Extension #5105 or #5104. Students can learn which counselor is assigned to them by visiting the Counseling/Guidance Center.

ANNUAL GOALS FOR BLUE RIDGE HIGH SCHOOL STUDENTS

Preparing for life is a long-term task that cannot be accomplished overnight at the end of your senior year. Working with your counselor, you should accomplish the following goals each year of high school:

FRESHMAN YEAR: You should begin investigating different careers which match your personality, interests and abilities (skills). Visit the Scholarship Office to begin exploring options. Make an appointment with your counselor to check your credit progress toward graduation. Students will complete the 9th grade AZCIS ECAP checklist.

SOPHOMORE YEAR: You should be collecting information from colleges, universities, vocational/technical schools and the military to learn about requirements, costs and the various application processes. Make an appointment with your counselor to check your credit progress toward graduation. Students will complete the 10th grade AZCIS ECAP checklist. Students will complete the 10th grade AZCIS ECAP checklist.

JUNIOR YEAR: You should be taking tests such as the PSAT, ACT, SAT and ASVAB which will assess your potential for post-secondary education and certain careers. You should be a frequent visitor to the Counseling/Guidance Center to check your credit progress toward

graduation, narrow your choices for post-secondary education, and investigate financial opportunities such as grants, scholarships, loans and employment. Students will complete the 11th grade AZCIS ECAP checklist.

SENIOR YEAR: If you plan to attend post-secondary schooling right out of high school, you should apply early to your final choice(s) of college, university, vocational/technical school and/or military branch (you should have narrowed your choices to 3-5 institutions). You should be re-taking the ACT and/or SAT if you want to improve your scores. You can apply for scholarships and other forms of financial aid beginning in August. Credit checks should be done in September and again in January. You should try to submit the Federal Government's Financial Aid Form (FAFSA) either online or by mail no later than February 14th. Students will complete the 12th grade AZCIS ECAP checklist.

CIVICS TEST GRADUATION REQUIREMENTS: The Arizona legislature passed the American Civics Act (House Bill 2064). This bill will require students, beginning with the graduating class of 2017, to pass a civics test based on the United States Immigration and Naturalization civics questions. Students will be required to score 60% or higher in order to graduate from high school or obtain a high school equivalency certificate.

DUAL ENROLLMENT, CONCURRENT HIGH SCHOOL AND COLLEGE CREDIT

Blue Ridge High School offers some courses to Blue Ridge students for dual high school and college credit. Qualified high school teachers at Blue Ridge High School teach some of the dual credit courses, while others are taught at Northland Pioneer College (NPC) by college instructors for concurrent credit. Those taught at the high school parallel similar courses taught at NPC using the same curriculum and textbooks. Those taught at NPC are in a program called Northern Arizona Vocational Institute of Technology (NAVIT). In either scenario, students enrolled in these courses earn credits toward their high school diploma, and can simultaneously earn credits that will appear on a NPC transcript.

Grades earned by the students in the courses taught at NPC appear on both their high school transcripts and their NPC transcripts. However, because the high school grading criteria used by NAVIT differs from the college grading criteria used by NPC, the high school grade awarded to the student by NAVIT may differ from the college grade awarded by NPC. Similarly, students taking dual enrollment courses at Blue Ridge (not at the NPC campus) may find that their final high school grade is different from their final NPC college credit grade even though the curriculums taught for either credit are the same.

Students who enroll in these dual enrollment courses are not required to enroll for dual credit. The dual credit opportunity is strictly optional. At the beginning of each dual credit course, the teacher will discuss the dual credit options and then each student will decide whether or not to take advantage of the opportunity. Those who do wish to earn the concurrent high school and college credit must then complete certain NPC registration forms provided to them in the classroom. During the course, the teacher must maintain two sets of grades (those that comply with high school grading criteria and those that comply with NPC grading criteria) and at the end of the course the teacher must submit the NPC grade for eventual mailing to the student's home, and must submit the high school grade to the high school guidance office for inclusion on the normal high school report card.

Courses that have this dual credit connection are identified in the following pages with a statement like:

> "NPC dual enrollment available to the student (6 credits)" or
> "6 credits Northland Pioneer College" or
> "High school and college credit may be earned"

GRADING POLICY FOR WITHDRAWALS

The following criteria will be used to determine grades for withdrawn students:

1. All students enrolled in Blue Ridge High School must carry a full load each semester. A student withdrawn from a class will have that class replaced with an appropriate class.

2. A student withdrawn from a class during the first week of a semester will be not be given a Term Grade for the class unless the nature of the withdrawal warrants it.

3. A student withdrawn from a class by the administration at teacher request after the first week of a semester because the student was inappropriately placed in the class will be given a Term Grade of "W" for the class.

4. A student withdrawn from a class for any reason other than those listed above will be given a Term Grade of "F" for the class.

NOTE: A grade of F is always used in Honor Roll and Academic Award computations and may be used in class rank computations, but a grade of W is never used in Honor Roll and Academic Award or class rank computations. In either case, the student earns no credit. Any F grade earned is used in GPA and WC-GPA calculations.

NATIONAL HONOR SOCIETY

The purpose of the Blue Ridge High School National Honor Society is to provide nationally sanctioned recognition to qualifying students. This recognition shall be conferred entirely at the prerogative of the school's local selection committee (Faculty Council). It is an honor conferred, not earned or attained. As such, it is a privilege – not a right – to be selected to membership in the society. Students with qualifying GPAs will be considered for induction into the society once each semester. Students must also receive affirmative votes from at least three of the voting members of the Selection Committee at the final deliberative meeting held for that purpose.

The equally weighted selection criteria that will be considered by the committee include the following:

Scholarship: a student must be at least a sophomore in classification, and must have a cumulative unweighted GPA of at least 3.50 on the 4.0 scale. The student must also have been enrolled at Blue Ridge for at least one complete semester prior to the convening of the Selection Committee.

Leadership: Student must be able to demonstrate that they have experience in school and/or community leadership situations.

Service: Students must be able to demonstrate a pattern of service to others.

Character: The entire faculty and administrative staff will be polled on all students remaining eligible for consideration after the above criteria have been met. Their opinions will be solicited as to the character of the respective candidates. Categories under consideration include, but are not limited to:

Attitude: Is the student positive, willing, teachable, cheerful, cooperative, open-minded, curious?

Work Ethic: Is the student diligent, persevering, intense, punctual, responsible, reliable, and thorough?

Manners: Is the student respectful of adults and peers, able to get along, sportsmanlike and polite?

Integrity: Is the student honest, straightforward, and self-reliant?

A student's name may be removed from the rolls of the Blue Ridge High School Chapter of the National Society if that student ceases to uphold the standards of the National Honor Society. This includes failing to maintain the required GPA. Such a student (or alumnus) may be removed from membership by unanimous vote of the Selection Committee.

STUDENT VIOLENCE, HARASSMENT, INTIMIDATION AND BULLYING POLICY

The Governing Board believes it is the right of every student to be educated in a positive, safe, caring and respectful learning environment. The Governing Board further believes a school environment that is inclusive of these traits maximizes student achievement, fosters student personal growth, and helps students build a sense of community that promotes positive participation as citizens of society.

To assist in achieving a school environment based on the beliefs of the Governing Board, bullying in any form will not be tolerated.

Bullying: Bullying may occur when a student or group of students engages in any form of behavior that includes such acts as intimidation and/or harassment that: has the effect of physically harming a student, damaging a student's property, or placing a student in reasonable fear of harm or damage to property, is sufficiently severe, persistent or pervasive that the action, behavior, or threat creates an intimidating, threatening or abusive environment in the form of physical or emotional harm, occurs when there is a real or perceived imbalance of power or strength, or may constitute a violation of law.

Bullying of a student or group of students can be manifested through written, verbal, physical or emotional means and may occur in a variety of forms, including but not limited to: verbal, written/printed or graphic exposure to derogatory comments, extortion, exploitation, name calling or rumor spreading either directly, through another person or group, or through cyberbullying, exposure to social exclusion of ostracism, physical contact, including but not limited to pushing, hitting, kicking, shoving or spitting, and damage to or

Cyberbullying: Cyberbullying is, but is not limited to, any act of bullying committed by use of electronic technology or electronic communications devices, including telephonic devices, social networking and other internet communications, on school computers networks, forums and mailing lists, or other District-owned property, and by means of an individual's personal electronic media and equipment.

Harassment: Harassment is intentional behavior by a student or group of students that is disturbing or threatening to another student or group of students. Intentional behaviors that characterize harassment include, but are not limited to, stalking, hazing, social exclusion, name calling, unwanted physical contact and unwelcome verbal or written comments, photographs and graphics. Harassments may be related, but not limited to, race, religious orientation, sexual preference, cultural background, economic status, size or personal appearance. Harassing behaviors can be direct or indirect and by use of social media.

Intimidation: Intimidation is intentional behavior by a student or group of students that places another student or group of students in fear of harm of person or property. Intimidation can be manifested emotionally or physically, either directly or indirectly, and by use of social media.

Students are prohibited from bullying on school grounds, school property, school busses, at school bus stops, at school-sponsored events and activities, and through the use of electronic technology or electronic communication equipment on school computers, networks, forums, or mailing lists.

Disciplinary action may result from bullying which occurs outside of the school and the school day when such acts result in a substantial physical, mental or emotional negative effect on the victim, while on school grounds, school property, school busses, at school bus stops, or at school-sponsored events and activities, or when such act(s) interfere with the authority of the school system to maintain order. All suspected violations of law will be reported to local law enforcement.

Students who believe they are experiencing being bullied or suspect another student is being bullied should report their concern to any school staff member. School personnel are to maintain appropriate confidentiality of the reported information.

Reprisal by any student directed toward a student or employee related to the reporting of a case or a suspected case of bullying shall not be tolerated, and the individual(s) will be subject to discipline as set forth in school rules, regulations and District policy.

Students found to be bullying others will be disciplined up to and including suspension or expulsion from school. Knowingly submitting a false report under this policy shall subject the student to discipline up to and including suspension or expulsion. Where disciplinary action is necessary pursuant to any part of this policy, relevant District policies shall be followed.

Law enforcement authorities shall be notified any time District officials have a reasonable belief that an incidence of bullying is a violation of the law.

ATHLETICS

All athletes wanting to participate in AIA sports must register on registermyathlete.com. All participants need to turn in a current physical and a copy of your medical insurance card to the Athletic Director. In addition, AIA requires each first time athlete complete the Brainbook course at aiaacademcy.org. These are REQUIRED BEFORE you can practice for any sport. Information packets and instructions can be found at the front office.

GRADE CHECK DATES 2019-2020

Grade check periods end every two weeks and will be posted in the Student Planner.

STUDENT-ATHLETE ELIGIBILITY

Student-athletes must maintain a grade reports with no "F's" during their season(s) of play. If a student-athlete gets an "F" on two consecutive grade checks, that student is ineligible for any extracurricular activity for a minimum of one week and one competition. If a student-athlete fails a class in any term, that student will be automatically ineligible for a minimum of one week and one competition. If such automatic ineligibility happens during the 4th quarter, it will carry over to the 1st quarter of the next school year. Student-athletes are required to achieve 5 credits per school year. At the beginning of each new school year a student-athlete must have credits appropriate to their grade-level: 10th grade=5 cred. 11th grade=10 cred., 12th grade=15 cred.

Transfer students will be judged on a case-by-case basis according to the standards of the sending school. Appeals by student-athletes, their parents, or coach can be made to the Eligibility Council which consists of the Athletic Director, two out-of-season coaches, a teacher, and the Principal or Assistant Principal.

Any student-athlete who becomes ineligible due to extenuating circumstances (as solely defined by the Principal) may utilize a one-time per semester appeal to the Eligibility Council. If a student-athlete receives an LOC (Loss of Credit), that student-athlete has 5 school days from the notice of such LOC to get the issue corrected. If that student-athlete does not get the issue resolved in the given time period, that student will be ineligible for a minimum of one week.

ATHLETIC CODE OF CONDUCT

Participation in BR athletics is regarded as a privilege. All athletes shall abide by a code of ethics that will earn them the honor and respect that participation and competition in the interscholastic program affords. Any conduct that results in dishonor to the athlete, team, or school will not be tolerated. Acts of unacceptable conduct tarnish the reputation of everyone associated with the BR athletic program.

When a student voluntarily participates in interscholastic athletics, he/she agrees to abide by the athletic Code of Conduct throughout his/her athletic career. The Code of Conduct begins with a student's first day of participation in

interscholastic athletics and continues through their date of graduation and is in effect throughout the calendar year. A high level of conduct will be demanded at all times; during games, on trips, and both on off campus. A "current sports season" begins on the first day of practice. All violations must be confirmed and documented by the proper legal authorities before corrective actions are administered by the eligibility council. If out of school suspended, student athletes will not be allowed to practice, travel with team, or be on the bench or field of play with the team. The coach of the current sports season has the right to impose further corrective actions on top of the corrective actions of this code of conduct. Punishments from other schools must be considered and be carried over per AIA mandate.
(See Athletic Code of Conduct for details)

COURSE CONTENT BOOK ADMINISTRATIVE CLAUSE

Every attempt will be made by the high school faculty and staff to offer the courses listed within this Course Content Book. However, the high school administration reserves the right to add or delete a course based on changes that may occur after the Course Content Book is printed. For example, low enrollment in a course, a classroom availability, instructor availability, or levels of student interest may result in the elimination or inclusion of a course.

While every attempt will be made to make as few changes as possible, it must be understood that the Course Content Book is designed to act as a general guide for the high school administration to use for the purpose of offering all Blue Ridge High School students a well-rounded academic experience

English Department

Students must take one English course each school year, according to Governing Board policy. Placement in an appropriate repeat class will be determined by teacher/administrator recommendation and the course retake policy. Benchmark tests will be administered in all English classes.

COURSE DESCRIPTIONS

Grade 9 Theme: Justice

ENGLISH 9 Y: This standard-level freshman English course focuses on literature and composition with grammar review. In addition to in-depth writing practice, students study novels, mythology, and nonfiction pieces. This course must be combined with ENGLISH 9 Y REQUIRED LAB.

Prerequisite: Freshman class standing
1 credit

ENGLISH 9 Y REQUIRED LAB: This standard-level freshman English course focuses on literature and composition with grammar review. In addition to in-depth writing practice, students study novels, mythology, and nonfiction pieces. This course must be combined with ENGLISH 9 Y.

Prerequisite: Freshman class standing
1 NON-WEIGHTED Elective credit

ENGLISH 9 S: This standard-level freshman English course focuses on literature and composition with grammar review. In addition to in-depth writing practice, students study novels, mythology, and nonfiction pieces. This course will meet on a 90-minute block for one semester.

Prerequisite: Freshman class standing
1 credit

ENGLISH 9 H: This honors-level course is intended for advanced students. Students study novels, mythology, and nonfiction pieces. Written assignments and class discussion will develop students' ability to analyze elements of fiction. The pace of the class will be brisk, and students will be expected to keep up with the assigned work. Summer reading and writing assignments may be required.

Prerequisite: Freshman class standing; prior-year English teacher recommendation and approval checklist required
1 credit

Grade 10 Theme: Individual and Society

ENGLISH 10: Focus is on literature, composition, and grammar. Course emphasizes poetry, short stories, non-fiction pieces, and novels. Students read novels with in-depth writing practice based on the literature.

Prerequisite: Sophomore class standing
1 credit

ENGLISH 10 H: This honors-level course is intended for advanced students. Students study novels, non-fiction pieces, and poetry. Summer reading and writing assignments may be required.

Prerequisite: Sophomore class standing; grade of B or better in English 9 H and prior-year English teacher recommendation.
1 credit

Grade 11 Theme: Social Pressure

ENGLISH 11: Students study literature and nonfiction pieces. Writing in this class includes persuasive, comparison-contrast, and research essays. There may be an in depth Holocaust unit.

Prerequisite: A passing grade in English 10
1 credit

AP ENGLISH 11 – English Language and Composition: This honors level course is intended for advanced students. English 3 AP is an Advanced Placement course taught at the university level. The course prepares students to take the AP English Language exam in the spring. The nature of this AP course will require different readings than the standard English 11 course. Summer reading and writing assignments are required.

Prerequisite: Junior class standing; grade of A or B in English 10 H or permission of instructor and AP English 11 Lab.
1 credit

AP ENGLISH 11 LAB: This course is designed to assist all of the students who are currently enrolled in AP English 11 Language and Composition to prepare for the AP English 11 Language and Composition exam. Students will work on the College Board approved curriculum.

Elective
.5 Credit

Grade 12 Theme: Call to Self

ENGLISH 12: This course looks at world literature and nonfiction pieces. The reading requires appropriate critical-response writing. Writing in this class also includes a research paper.

Prerequisite: A passing grade in English 11
1 credit

AP ENGLISH 12: English Literature and Composition: This honors level course is intended for advanced students. AP English 12 is an Advanced Placement course taught at the university level. The course prepares students to take the AP English Literature exam in the spring. The nature of this AP course will require different readings than the standard English 12 course. Summer reading and writing assignments are required.

Prerequisite: Senior class standing; grade of A or B in English 11 AP or permission of instructor.
1 credit

AP ENGLISH 12 LAB: This course is designed to assist all of the students who are currently enrolled in AP English 12 Literature and Composition to prepare for the AP English 12 Literature and Composition exam. Students will work on the College Board approved curriculum.

Elective
.5 Credit

ENGLISH 12-101: Basic principles of college-level reading and writing; includes several academic essays and a short research paper. This course moves at a slower, less intense pace than AP English 12. This course is offered via satellite.

Prerequisite: Senior Class Standing
.5 credit, 3 credits COLLEGE DUAL ENROLLMENT may be available through NPC.

ENGLISH 12-102: Basic principles of college-level reading and writing; including literary analysis, documented critical essays, and a longer research paper and a short research paper. This course moves at a slower, less intense pace than AP English 12. This course is offered via satellite.

Prerequisite: Senior Class Standing
.5 credit, 3 credits COLLEGE DUAL ENROLLMENT may be available through NPC.

Math Department

The goal of the Math Department is to provide the math and problem solving skills necessary for success after high school, whether at a university, a community college, a vocational school, or in the job force. We are also committed to helping every student meet the minimum standards set forth by the Arizona Department of Education and tested on the AZ State standardized exams. To these ends, math classes will focus on skill attainment and knowledge, but will also encourage students to be hard workers through daily homework and note taking. Students can expect regular homework. At least one math credit must be taken each year.

NOTE: A typical four-year mathematics progression for a college-bound student includes:

Freshman Year: Algebra 1 Year-long or Semester (or Geometry, Geometry Honors)

Sophomore Year: Geometry (or Geometry Honors, Algebra 2, Algebra 2 Honors)

Junior Year: Algebra 2 (or Algebra 2 Honors, College Algebra Honors, Pre-Calculus, AP Calculus AB)

Senior Year: College Algebra Honors, Financial Algebra, Pre-Calculus (or AP Calculus AB, AP Calculus BC)

COURSE DESCRIPTIONS

ALGEBRA 1 Y: A standard introductory algebra course will meet for both semesters. Emphasis on graphing, writing and solving equations; real numbers; exponents and radicals; solving and graphing quadratic equations; polynomials; functions and basic geometry. Scientific calculator required. This course is to be combined with ALGEBRA 1 Y LAB REQUIRED.

Prerequisites: None
1 credit

ALGEBRA 1 Y LAB REQUIRED: A standard introductory algebra course will meet both semesters. Emphasis on graphing, writing and solving equations; real numbers; exponents and radicals; solving and graphing quadratic equations; polynomials; functions and basic geometry. Scientific calculator required.
This course must be combined with ALGEBRA 1 Y.
Prerequisite: None
1 Elective credit

ALGEBRA 1 ACCELERATED S: A standard introductory algebra course will meet for one semester. Emphasis on graphing, writing and solving equations, real numbers, exponents and radicals, solving and graphing quadratic equations, polynomials, functions and basic geometry. Scientific calculator required.

Prerequisites: None
1 credit

GEOMETRY: A standard Geometry course including mathematical definitions, or self-evident truths, proofs of theorems, and constructions on the Cartesian Plane. Class also covers geometry and logic skills set as required by Arizona Department of Education math standards. Scientific calculator required.

Prerequisite: Algebra 1 or equivalent
1 credit

GEOMETRY HONORS: An honors Geometry course including mathematical definitions, or self-evident truths, proofs of theorems, and constructions on the Cartesian Plane. Class explores more fully, the Geometry AZ State standards and logic skills set at an accelerated rate. Scientific calculator required.
Prerequisite: Algebra 1 or equivalent, Algebra 1 Accelerated preferred.
1 credit

ALGEBRA 2: A standard course including advanced use of equations which relate to algebra, geometry and statistics. Emphasis on concepts of functions including linear, polynomial, exponential and logarithmic; trigonometry and the unit circle. Students learn properties of elementary functions plus techniques for solving equations, inequalities and finding roots of polynomials. Scientific calculator required. Graphing calculator recommended. (*not TI-89/92/92 Plus/Voyage 200/Inspire CAS*)

Prerequisite: Geometry or equivalent.
1 credit

ALGEBRA 2 HONORS: An honors course including advanced use of equations which relate to algebra, geometry and statistics. Emphasis on concepts of functions including linear, polynomial, exponential and logarithmic; trigonometry and the unit circle. Students learn properties of elementary functions plus techniques for solving equations, inequalities and finding roots of polynomials. This course explores more fully the Algebra 2 AZ State Standards at an accelerated rate. Scientific calculator required. Graphing calculator recommended. (*not TI-89/92/92 Plus/Voyage 200/Inspire CAS*)

Prerequisite: Geometry, Geometry Honors preferred.
1 credit

FINANCIAL ALGEBRA: This course is a semester course for upperclassmen, and the course is designed to develop a strong
in logical thinking and problem solving that will enable students to make informed decisions regarding matters of money and finance in their daily lives. This course furthers the development of functions, which include linear, exponential, piecewise, quadratics, and step functions. Other topics studied include measures of center and spread, graphical representations of data, principles of finance economics, amortization, supply and demand, revenue and profit functions, loans, compound interest and continuous interest, credit card debt, car ownership, and budgets.

Prerequisite: Algebra 2.
1 credit

CONSUMER MATHEMATICS: Emphasis on the use of math in everyday situations such as buying, selling, borrowing money, taxes, investing, maintaining a checkbook and calculating interest on homes and automobiles. It is designed to prepare students for adult life situations. The course is highly recommended for those students who seek independent living math skills following graduation. Enrollment priority goes to seniors. Calculator required.

Prerequisite: Algebra 2 or Algebra 2 Honors.
1 credit and 3 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

ACCOUNTING 1: Students gain knowledge of keeping and updating journals for service and merchandising businesses. The course culminates with an accounting simulation designed to model actual source documents in a merchandising business. Students will be required to have pencil, calculator, colored pen and a ruler for this course.

Prerequisite: Business Operations 1
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

ACCOUNTING 2: Course is designed to build upon the foundations laid in Accounting 1 and allow students to apply computer applications to the accounting process. Students are introduced to automated accounting and analyzing accounting transactions learned in both Beginning and Advanced Accounting. Students will be required to have a pencil, calculator, colored pen and a ruler for this course.

Prerequisite: Senior class standing and a Grade of B or better in Accounting 1
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

COLLEGE ALGEBRA: A standard course exploring algebraic concepts at the college level: The approach is intuitive and interactive, with an emphasis on real-life applications and the use of current technologies, particularly graphing calculators. Coursework includes a review of basic algebra, progressing to techniques for solving equations and inequalities both algebraically and graphically. Also covers polynomial, rational, radical, exponential and logarithmic functions and their graphs, as well as sequences, series, and combinatorics. Graphing calculator required, TI-84 plus recommended. (*not TI-89/92/92 Plus/Voyage 200/Inspire CAS*) This course is equivalent to MAT-152.

Prerequisite: Successful completion of Algebra 2.
1 credit and 3 credit hours COLLEGE DUAL ENROLLMENT may be available to sophomores,

juniors, and seniors with satisfactory placement on Northern Pioneer College entrance exam.

MAT 142: College Mathematics with Contemporary Applications/Contemporary Math. This is a non-algebra based mathematics class with an emphasis on developing quantitative skills and reasoning abilities covering management science, statistics, data analysis, probability, and social choice. This course satisfies the math requirement for many non-STEM college majors. It transfers as **MAT 142** at **ASU, MAT 114 at NAU,** and **MAT 105** or **107 at U of A.**

MAT-152: A standard course exploring algebraic concepts at the college level: The approach is intuitive and interactive, with an emphasis on real-life applications and the use of current technologies, particularly graphing calculators. Coursework includes a review of basic algebra, progressing to techniques for solving equations and inequalities both algebraically and graphically. Also covers polynomial, rational, radical, exponential and logarithmic functions and their graphs, as well as sequences, series, and combinatorics. Graphing calculator required TI-84 plus recommended (*not TI-89/92/92 Plus/Voyage 200/Inspire CAS*).

Prerequisite: Successful completion of Algebra 2.
1 credit and 3 credit hours COLLEGE DUAL ENROLLMENT may be available to sophomores, juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

PRE-CALCULUS HONORS: Review of College Algebra and trigonometry, and introduces vectors, matrices, analytical geometry, and limits. University-bound students interested in studying engineering, mathematics, or science should take this course. Graphing calculator required. (*not TI-89/92/92 Plus/Voyage 200/Inspire CAS*) This course is equivalent to MAT-189.

Prerequisite: Grade of B or better in Algebra 2 or Algebra 2 Honors.
1 Credit and 3 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

MAT-189: This is a standard course studying algebraic and trigonometric concepts with an emphasis on solving real-life applications that includes trigonometric functions, analytic trigonometry, vectors, systems of equations and inequalities, matrices, and analytic geometry.

Prerequisites: Algebra 2 Honors or College Algebra.
1 credit and3 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

AP CALCULUS AB: This honors-level AP course includes the rigorous development and use of limits, derivatives and integrals. Students must have a strong foundation in Algebra skills to be successful in this class. This is a college- level course that combines the traditional and reformed instructional methods currently used at colleges and universities. The course will prepare students to complete the AP Calculus AB exam in the spring. Graphing calculator required. (*not TI-92/92 Plus/Inspire CAS*)

Prerequisite: Grade of B or better in Pre-Calculus. Must also enroll in AP CALCULUS LAB.
1 credit and 4 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

AP CALCULUS BC: This honors-level AP course includes the rigorous development and use of limits, derivatives and integrals. Students must have a strong foundation in limits and differentials to be successful in this class. This is a college- level course that combines the traditional and reformed instructional methods currently used at colleges and universities. The course will prepare students to complete the AP Calculus BC exam in the spring. Graphing calculator required. (not TI-92/92 Plus/Inspire CAS).

Prerequisite: Grade of B or better in AP Calculus AB. Must also enroll in AP CALCULUS LAB
1 Credit and 4 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

AP CALCULUS LAB: This course is designed to assist all of the students who are currently enrolled in AP Calculus to prepare for the AP Calculus AB and BC exams. Students will work on the College Board approved curriculum.

Prerequisite: Enrollment in either AP Calculus AB or BC.
.5 Credit

AP STATISTICS: The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference.

Prerequisites: The AP Statistics course is an excellent option for any secondary school student who has successfully completed Algebra 2.

Decisions about whether to take AP Statistics and when to take it depend on a student's plans: § Students planning to take a science course in their senior year will benefit greatly from taking AP Statistics in their junior year. § For students who would otherwise take no mathematics in their senior year, AP Statistics allows them to continue to develop their quantitative skills. § Students who wish to leave open the option of taking calculus in college should include precalculus in their high school program and perhaps take AP Statistics concurrently with precalculus. § Students with the appropriate mathematical background are encouraged to take both AP Statistics and AP Calculus in high school.

SCIENCE DEPARTMENT

COURSE DESCRIPTIONS

Note: A $20 lab fee will be charged for registration in any Lab Science. Fee will not be refunded if student drops or withdraws from the course, and will not be prorated for late entry.

GENERAL SCIENCE: Registration limited to administrator placement only. A fundamental overview of general science concepts, with a focus on the history and nature of science and the scientific method. (This course will not meet the science requirements for an Honors-emphasis diploma, and does not count as a Lab Science for in-state university admission requirements.)

Prerequisites: Administrative placement required
1 credit

PHYSICAL SCIENCE: An introduction to the physical sciences. Students are exposed to basic concepts involving physics and chemistry. The approach for this course is hands-on. (This course will not meet the science requirements for an Honors-emphasis diploma, and does not count as a Lab Science for in-state university admission requirements.)

Prerequisites: None
1 credit

EARTH SCIENCE: This course features units that include the scientific method and the use of math in science. Special focus will be on the history of the Earth and its geology, plate tectonics, water systems, mineral resources, soils & weather, and planetary systems. This is a good course for students with curiosity about the world in which they live and for those planning to study earth systems or geology in college. Lab science.

Prerequisites: None
1 credit

INTEGRATED LIFE SCIENCE: This course introduces fundamental concepts in biology, chemistry, and ecology. Topics in biology include, but are not limited to, cell structures and functions, photosynthesis, genetics, biological molecules, and the transfer of information from DNA to RNA. Topics in chemistry include, chemical symbols, formulas, equations, bonding, and the unique properties of water. Topics in ecology include taxonomy, the six kingdoms, populations, communities, and ecology. Lab science.

Prerequisite: Algebra 1
1 credit

BIOLOGY: The standard introductory biology course. Study includes science process, cell activities, genetics, evolution, bacteria and viruses, emphasizing biological terminology. The course also presents a comparative study of plants (with emphasis on major divisions), invertebrates, vertebrates and human systems. **DISSECTION IS REQUIRED**. The course may require outside research and field observations. Lab science.

Prerequisite: Algebra 1
1 credit

BIOLOGY H: An introductory honors-level biology course utilizing a thematic approach. This course is intended to be taken by advanced students in place of the standard Biology course. Major themes include the scientific process, evolution, energy transfer, continuity and change, the relationship of structure to function, regulation, interdependence, and the relationship of science and technology to society. The Honors Biology course differs from standard Biology with respect to the advanced textbook level, the range and depth of topics covered, and the level of laboratory work performed by students. A greater amount of time and effort is required of students. Lab science.

Prerequisite: Algebra 1 (Not open to students who have taken the standard Biology course.)
1 credit

CHEMISTRY: The standard introductory chemistry course. Students receive an introduction to inorganic and organic chemistry. Laboratory experiments and individual projects are emphasized. Scientific calculator required. Lab science.

Prerequisite: Geometry
1 credit

CHEMISTRY H: An honors-level introduction to inorganic and organic chemistry. This course is designed to prepare a student to be successful in freshman college chemistry. It will include enrichment activities and projects. Scientific calculator required. Lab science.

Prerequisites: Geometry with a grade of B or better. (Not open to students who have taken the standard Chemistry course.)
1 credit

PHYSICS: The standard introductory physics course. Students will study motion, force, energy, wave motion of light and sound, electricity, and magnetism. Laboratory application of these subjects is emphasized. Scientific calculator required. Lab science.
Prerequisites: Algebra 2
1 credit

PHYSICS H: An honors-level study of motion, force, energy, wave motion of light and sound, electricity, and magnetism. It requires higher math aptitude for lab study, projects and theories. This course is designed to prepare a student to be successful in freshmen college physics. Scientific calculator required. Lab science.
Prerequisites: Algebra 2 Honors (Not open to students who have taken the standard Physics course.) 1 credit

Physics and Engineering: Conceptual physics class is primarily designed for Freshman and Sophomore students. This is a project-based conceptual physics class that emphasizes concepts and principles of physics as they apply to engineering and the engineering design process. It is offered as a science lab credit. Basic physics concepts and principles will be reinforced through engineering projects and hands on learning. This course will provide students with a survey of various topics in physics as they relate to practices in the field of Engineering, real-world problem solving and applications.

Prerequisite(s): A grade of "B" or better in FAB LAB, Fab Lab Builder and currently enrolled in Algebra 1 or Honors Geometry.

Anatomy and Physiology (H): This is a Honors course that studies the structure and function of the human body. This course is preparation for advanced biological studies, biomedical nursing, and other science based careers. ... This course is designed for those students who have taken biology and who wish to further their study of biology.

Prerequisites: Junior or Senior class standing. Biology H with a grade of B or better or instructor approval.

Health Science: Learners will acquire foundational knowledge required to pursue a career, such as the roles in the health care industry and the education, training, and credentials needed to attain them. Basic medical terminology, principles of anatomy and physiology, and legal and ethical responsibilities are also discussed. In addition, students will explore communication, teamwork, and leadership techniques – providing a solid basis for those wanting to advance through the health sciences.

SOCIAL STUDIES DEPARTMENT

COURSE DESCRIPTIONS

AP HUMAN GEOGRAPHY: This is an Honors Course and is the equivalent of an introductory level college-level course in human geography and will prepare students to take the AP Human Geography Exam. Students are introduced to the systemic study of patterns and processes that have shaped the human understanding, use and alteration of the Earth's surface. Students will employ spatial concepts and landscape analysis to examine socio-economic organization and its environmental consequences. Students will also learn about the methods and tools that geographers use in their research. The curriculum reflects the goals of the National Geography Standards (2012).

Prerequisite: None. Designed for incoming freshman as their first exposure to the AP program. Concurrent enrollment in English 9 Honors is recommended

1 credit

AP EUROPEAN HISTORY: This is an Honors Course and is taught at the college level that will prepare students to take the AP European History Exam. This course also satisfies the state requirements for World History and is the second course in the AP Social Studies course of study. AP European History covers Europe and the colonial expansion and the contraction of the major European powers from 1453 to present. From the fall of the Byzantine Empire in the East at the hands of the Ottoman Empire to the present with the formation of the European Union. Students will develop their critical thinking and cognitive abilities by applying historiographical techniques to examine the period using primary and secondary sources.

Prerequisite: AP Human Geography or permission of instructor. Designed for Sophomores; Juniors and Seniors are also permitted. Con-current enrollment in English 10 Honors recommended.
1 credit

WORLD HISTORY: A study of how, where and when civilizations arose and how these civilizations have experienced progress and conflict. Throughout the course, students will learn the geography of key regions of the world. They will become acquainted with the concept of "culture", the diversity of which makes the world a more interesting, yet more dangerous, place. The essential skills of note-taking (from lectured and printed material), library research, and report-writing will be stressed. Daily reference to current events will help to acquaint students with the interdependence of the forces that shape world affairs.

Prerequisite: None
1 credit

WORLD HISTORY H: Honors-level course encouraging greater understanding of the evolution of global processes in different types of human societies. The course highlights the nature of change in global frameworks and its causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence.

Prerequisite: Recommendation of prior social studies teacher or permission of instructor
1 credit

U.S. HISTORY: A survey of American history from the pre-Columbian period through the 20th century. Arizona topics are included in their historical context. The class is presented through text, lecture and discussion, research, writing, and guided individual study.

Prerequisite: World History or AP European History
1 credit

U.S. HISTORY H: The Honors program in U.S. History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. Course is taught at an introductory college level. Students will learn to assess historical materials for their relevance to a given interpretive problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarship. Students will develop the skills necessary to arrive at conclusions on the basis of informed judgment and to present reasons and evidence clearly and persuasively in an essay format.

Prerequisite: Grade of B or better in World History/World History-Honors, or permission of instructor.
1 credit

AP U. S. HISTORY: AP American History is a class designed to suit students who are interested in the historical happenings in America. The class is designed for students who wish to take the AP U.S. History exam with the possibility of earning college credit. The course will cover the beginning of civilizations in the United States through the Modern Era. Students will learn through a variety of activities including novels, projects, and simulations.

Prerequisite: AP European History or approval of previous history and English instructor as this course will require significant writing and reading on the student's own time.

ECONOMICS: In this half-credit course, students will gain an understanding of the basic principles of economics, with an emphasis on capitalism and resource allocation. Included are principles of financial management and career planning.

Prerequisite: Completion of U.S. History
½ credit
(This course may only be taken senior year; unless student is given prior administrator approval.)

GOVERNMENT H: This Honors course will give students an analytical perspective on government and politics in the United States. Course is taught at an introductory college level. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. This course will substitute for Government only. An economics class (either Economics or Economics H) is also required for graduation.

Prerequisite: Grade of B or better in U.S. History, or permission of instructor. *(This course may only be taken senior year; unless student is given prior administrator approval.)*

ECONOMICS H: Advanced-level course covering both macroeconomic and microeconomic concepts at an introductory college level. Macroeconomics provides an understanding of the principles of economics that apply to an economic system as a whole, placing particular emphasis on the study of national income, price-level determination, economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Microeconomics

GOVERNMENT: In this half-credit course, the fundamentals of government on the national, state and local levels will be examined, including the three branches of government, the rights and responsibilities of American citizenship, the development and role of political parties, and the power of individuals in influencing political decisions.

Prerequisite: Completion of U.S. History
½ credit
(This course may only be taken senior year; unless student is given prior administrator approval.)

covers the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. This course will substitute for Economics only. A government class (either Government or Government H) is also required for graduation.

Prerequisites: Grade of B or better in U.S. History and a grade of B or better in Geometry
½ credit
(This course may only be taken senior year; unless student is given prior administrator approval.)

AP GOVERNMENT: AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text- based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis. The course culminates with the AP US Government exam in May. In order to fulfill Arizona state graduation requirements, Blue Ridge's class also covers Micro- and Macro-Economics, though it is not included on the AP exam. The class is designed for seniors and counts as the Government/Economics social studies

credit, and students may be able to receive college credit with a passing AP Exam score.
Prerequisite – Successful completion of US History, ideally AP US History, or teacher recommendation

WORLD LANGUAGES DEPARTMENT

COURSE DESCRIPTIONS

Spanish

SPANISH 1: This is an introductory course which will teach basic vocabulary in a variety of subjects, present verb tenses and useful words/phrases to enable each student to begin to understand Spanish and be able to express themselves. There are speaking, reading, writing and listening assignments at level 1. Students and Professor will speak Spanish 25% of class time. Students also are taught basic culture of the Spanish-speaking countries around the world.

Prerequisite: None
1 credit

SPANISH 2: This is an intermediate course which will teach additional vocabulary to enhance that which was learned in Spanish 1. Students will also learn other tenses such as past tense, etc. There will be a greater emphasis on speaking Spanish as the speaking assignments will be at intermediate level. Students at this level will also be able to listen and understand basic concepts spoken by native speakers by the end of the course. Students and instructor will be expected to speak Spanish 50% of class time. Specific mannerisms of the Hispanic culture are also taught.

Prerequisites: Grade of "C" or better in Spanish 1 at HS or Grade of "A" in both Spanish A and Spanish B at JH or instructor approval.
1 credit

SPANISH 3: This is the 1st advanced level course for students successfully passing Spanish 2 with an A or B. The instructor may also approve any student to start at this level after an oral exam. The student is expected to express themselves in Spanish during class when asking questions or speaking during class time. The students and instructor will be expected to speak Spanish 75% of class time. Reading and writing assignments will be more complete. There will be a greater focus on grammar and accent marks/spelling.

Prerequisite: B or better in Spanish 2 or instructor approval.
1 credit

SPANISH 4: This is the 2nd advanced level course for students successfully passing Spanish 3. A student may not begin taking Spanish classes at this level. The focus of this course is reading and writing. Students are expected to speak in Spanish 100% of class time. They are to develop greater abilities to understand advanced readings and express opinions and summaries in Spanish. Students for this course must be self-driven students to learn the Spanish language and history.

Prerequisite: B or better in Spanish 3
1 credit

SPANISH 101: Introduction to the Spanish language, with emphasis on developing the skills of listening, speaking, reading and writing. Emphasizes basic grammar, pronunciation, vocabulary and culture. This is a one semester class. This course will be held on the Blue Ridge High School campus during regular school hours. It is open to 10th thru 12th grade students. Course will transfer to all three State universities and all Arizona Community Colleges (refer to AZ Transfer for specifics.)

Prerequisite: Satisfactory placement.
1 credit and 3 credit hours COLLEGE DUAL ENROLLMENT may be available to sophomores, juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

SPANISH 102: Continuation of the study of fundamental patterns in SPA 101. Emphasis continues on the comprehension, speaking, reading and writing aspects. This course will be held on the Blue Ridge High School campus during regular school hours. It is open to 10th thru 12th grade students. Course will transfer to all three State universities and all Arizona Community Colleges (refer to AZ Transfer for specifics.)

Prerequisite: SPA 101
1 credit and 3 credit hours COLLEGE DUAL ENROLLMENT may be available to sophomores, juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

American Sign Language

SIGN LANGUAGE I: Students will gain an understanding of deafness and manual communication by the use of finger-spelling and signing. Videos, music, and skits will be used to gain proficiency. Evaluation criteria will be based on written tests, teacher observation, class projects, and numerous cooperative learning activities. These classes can satisfy the World Languages requirement for graduation and college entrance.

Prerequisites: None. Preference will be given to juniors and seniors.
1 credit and 3 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

SIGN LANGUAGE 2/3: Continuation of skill development from Sign Language 1. Evaluation criteria will be based on written tests, teacher observation, class projects, and numerous cooperative learning activities. These classes can satisfy the World Languages requirement for graduation and college entrance.

Prerequisites: Sign Language 1 for Sign Language 2 & Sign Language 2 for Sign Language 3.
Junior/Senior preference
½ credit each and 3 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

SPECIAL SERVICES DEPARTMENT

Resource courses contain the same curriculum as regular courses of the same name, modified to meet the individual needs of students who have qualified for Special Education. Students may not sign up for a Resource class unless they have a documented disability and a current IEP. The Resource classes currently being offered are listed below.

COURSE DESCRIPTIONS

ENGLISH 9 INTENSIFIED (*Formerly R ENGLISH READING A/B*): A year-long freshman-level course providing additional assistance for students referred by their 8th grade language arts teacher. This course is built upon the READ 180 program, in which students learn to read and think critically about fiction, nonfiction, and informational texts by using effective strategies to increase comprehension across all content areas. Lessons will incorporate writing techniques to help students interact with text and boost comprehension. Small-group and whole-class discussions will be utilized to teach students how to interpret and analyze texts proficiently.

Prerequisite: Teacher placement required. English Reading A must be completed before enrollment in English Reading B.
2 credits for full year course

ENGLISH 10 INTENSIFIED: Daily writing is an integral part of this course. Emphasis is placed upon spelling, vocabulary, grammar, reading strategies, and development of auditory skills. The Six Traits of Writing are utilized for a variety of written assignments.

Prerequisites: Instructor approval required.
1 credit

R SC ENGLISH: In this course, students will review phonics and sight words, with emphasis on reading comprehension skills. Spelling of high frequency words, vocabulary, grammar, capitalization, and punctuation skills are covered, and the Six Traits of Writing are used to guide students' improvement in overall writing ability. Each will work at an independent reading level according to individual IEP goals.

Prerequisites: IEP team approval
1 credit

R SC MATH: Basic math skills such as addition, subtraction, multiplication, and division are addressed. Other general, real life-based math concepts will be covered. Each student will work at an independent level as outlined in the student's IEP goals.

Prerequisites: IEP team approval
1 credit

R SC WORK EXPERIENCE: Junior and senior level students will receive on/off campus work assignments that encourage the practical application of IEP goals with proper supervision.

Prerequisites: Available for juniors and seniors only.
1 credit

R SC INDEPENDENT LIVING: Junior and senior level students will receive practical training in life skills that encourage independent living with the supervised, practical application of IEP goals.

Prerequisites: Available for juniors and seniors only.
1 credit

R WORKING MATH 1: This course is designed to teach fundamentals of consumer math and pre-algebra in a small group setting. Other general, real life-based math concepts will be covered. Each student will work at an independent level as outlined in the student's IEP goals.

Prerequisites: IEP team approval
1 credit

R WORKING MATH 2: This course is designed to be a continuation of R Working Math 1 and teach the fundamentals of consumer math and pre-algebra in a small group setting. Other general, real life-based math concepts will be covered. Each student will work at an independent level as outlined in the student's IEP goals.

Prerequisites: IEP team approval
1 credit

TRANSITION FROM SCHOOL TO WORK (TSW): This program is designed to help students become competitively employed or enrolled in a job training program following their exit from high school. Students in the Transition from School to Work (TSW) Program will participate in job readiness training in the classroom, on-campus work, community-based employment, job shadowing, and/or volunteer work experience off campus. The students will be individually placed in work experiences based on the Transition Plan in their IEP, the IPE and input from the student, parents, teachers, Vocational Rehabilitation Services, and TSW staff.

Prerequisite: Qualifies for Vocational Rehabilitation Services and has been approved by the Transition from School to Work Director.
1 credit (pass / fail course)

FINE ARTS DEPARTMENT

Art Courses

Note: A $25 materials fee will be charged for registration in any Art course. Fee will not be refunded if student drops or withdraws from the course, and will not be prorated for late entry. (Subject to change)

ART DESIGN 1: A basic art orientation course stressing the utilization of design elements and principles, upon which all art experiences are based, under laboratory conditions. Students will be introduced to a variety of media in content areas of drawing, color study, perspective, structure and composition. Students will also develop the ability to critically evaluate their own work as well as that of others; art history and cultural awareness will be integrated into the curriculum.

Prerequisites: None
1 credit

ART DESIGN 2, 3, 4: This is independent study of Art. Special Studies in Art requires the student to do their own research into the medium(s) of their choice. Students are expected to work on a larger scale than Art Design 1 and have more knowledge base of technique of the medium(s). Projects require at least 2 weeks study and multiple reproductions to fix mistakes, change mediums, and work on technique.

Prerequisites: 80% or high in Art Design 1
1 credit

CERAMICS 1: The study of ceramics as an art form, including the understanding of clay as a medium and the building of aesthetic and utilitarian ceramic objects using modeling, pinch, coil, slab and wheel methods. Glazing techniques and other surface decorating skills will be studied, as will historical/cultural considerations.

Prerequisites: None
1 credit

CERAMICS 2/3: These courses are designed to give the serious continuing ceramics student more in-depth experience in ceramic design. Having previously studied basic clay construction and surface treatment techniques, each student will have an individualized program of study developed jointly by the student and instructor to meet that student's specific needs and interests.

Prerequisites: Ceramics 1 and instructor approval required
1 credit for each course

CARTOONING: Students will explore and learn about the art of cartooning, famous cartoons and how they were created, and the differences between a comic strip, a message cartoon and a story line. Skills include basic body structure, how to use basic forms to create a cartoon, how to add background and details, and how to combine the elements of art and design. Course fee is $25

Prerequisite: None
½ credit - elective

Music Courses

Note: A $30 materials fee will be charged for registration in most Music courses. Fee will not be refunded if student drops or withdraws from the course, and will not be prorated for late entry. (Subject to change)

STRING ORCHESTRA: String, wind, brass, and percussion students will perform a mixture of chamber and full orchestral music from baroque to contemporary styles. This course is designed for the serious musicians who would like to apply, rehearse, and refine their specific instrumental skill. After-school performances, activities, and practices are integral to the course, and grades may reflect such participation. ***ALL PERFORMANCES, FESTIVALS AND REHEARSALS ARE MANDATORY*** Repeatable for credit.

Prerequisites: Previous experience in orchestra or instructor approval
1 credit

MIXED CHOIR: Mixed vocal ensemble with membership open to all students. Students perform a variety of choral literature representing various styles and historical periods, for soprano, alto, tenor, and bass voices. Students learn basic singing skills, sight singing, some music theory and simple choreography to help develop musicianship and vocal techniques. This choir may attend some festivals, audition for regional choir and will perform for school concerts. These after school performances are ***MANDATORY***. After-school activities and practices are integral to the course, and grades may reflect such participation. Repeatable for credit.

Prerequisites: None
1 credit

JAZZ/HARMONIES CHOIR: Mixed vocal ensemble with membership open only to those that audition in the Spring of the prior year. Students perform a variety of choral literature emphasizing singing in four or more parts as well as solo singing. Performances may include concerts, performance assessments, regional, state, and national festivals and community programs. After-school activities and practices are integral to the course, and grades may reflect such participation. Membership is limited due to the high quality and performance standards of the choir. ***ALL PERFORMANCES, FESTIVALS AND REHEARSALS ARE MANDATORY.*** Repeatable for credit.

Prerequisites: Audition only
1 credit

CHORALIERS/SPREZZAS CHOIR: This ensemble will concentrate on a variety of Renaissance/Classical literature written and arranged for mixed or women's voices but will also perform literature including Rock and Broadway. Performances may include concerts, performance assessments, regional, state, and national festivals, and community programs. After-school activities and practices are integral to the course, and grades may reflect such participation. This ensemble requires auditions in the Spring of the prior school year. ***ALL PERFORMANCES, FESTIVALS AND REHEARSALS ARE MANDATORY.*** Repeatable for credit.

Prerequisites: Audition only
1 credit

BAND: A performance-based instrumental ensemble that performs at sporting events, marching and concert band festivals, parades, school assemblies, concerts, and community events. Students will learn and apply fundamentals of marching, music performance and music theory. Woodwind and brass students must provide their own instruments in good working order. Exceptions may occur at the director's discretion. Students are required to attend and perform at most home football games (including playoff games as required), other sporting events as required, marching band festivals, parades, school concerts, and the graduation ceremony. ***ALL PERFORMANCES, FESTIVALS, AND REHEARSALS ARE MANDATORY***. Repeatable for credit.

Prerequisites: None
1 credit

JAZZ BAND: Students will explore jazz styles such as blues, swing, rock, and funk. Students will learn to improvise melodies and perform often. Students should have some band experience and be comfortable pushing themselves to learn more. Instruments accepted include saxophone, trombone, trumpet, bass guitar, electric guitar, piano, and drum set.

½ Fine Arts Credit per semester.

Theatre Courses

Note: A $25 materials fee will be charged for registration in any Art course. Fee will not be refunded if student drops or withdraws from the course, and will not be prorated for late entry. (Subject to change)

THEATRE 1: Introductory-level course covering general theater knowledge, acting (including movement, voice, and diction), improvisation, ensemble playing, script writing, and scene work. The course also covers aspects of technical theater such as scene and light design, set construction, the intricacies of stage management, and provides exposure to make up, sound, and costume designing. The culminating event for this course is a full production with participation required to move on to Theatre 2. After school work will be required.

Prerequisite: None
1 credit

THEATRE 2: This course is a continuation of Theatre 1. It is a higher level, performance-based course, which provides opportunities for individual and group advanced work in acting, costuming, directing and/or stage management. The culminating event for this course is a full production with participation required to move onto Theatre 3. After-school work will be required.

Prerequisites: Theatre 1 and instructor approval.
1 credit

THEATRE 3: This course is a continuation of Theatre 2. It is a higher level, performance-based course, which provides opportunities for individual and group advanced work in acting, costuming, make-up, directing and/or stage management. The culminating event for this course is a full production with participation required to move on to Theatre 4. After-school work will be required.

Prerequisites: Theatre 2 and instructor approval.
1 credit

THEATRE 4: This course is a continuation of Theatre 3. It is a much higher level, performance-based course, which provides opportunities for individual and group advanced work in acting, costuming, make-up, directing and/or stage management. The culminating event for this course is a full production. After-school work will be required. Participation in production is required.

Prerequisites: Theatre 1, Theatre 2, Theatre 3 and/or instructor approval
1 credit

INTRO TO FILM 150: Introduction to the history, ideology and aesthetics of film, film theory and film criticism. This course will be held on the Blue Ridge High School campus during regular school hours. It is open to 10th thru 12th grade students. No textbooks are required. Course will transfer to all three State universities and all Arizona Community Colleges (refer to AZ Transfer for specifics.)

Prerequisite: None
1 credits and 3 credit hours COLLEGE DUAL ENROLLMENT may be available to sophomores, juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

PHYSICAL EDUCATION DEPARTMENT

Note: A PE uniform is required for participation in all PE classes. The uniform (shorts and shirt) can be purchased from the school for a cost of $20. In addition, all students must have a pair of gym shoes with non-marking soles. Students not dressed in appropriate PE attire will not be permitted to participate in class and may face disciplinary action. A lock deposit of $7 also applies, which is refunded upon return of the lock at the end of the course.

COURSE DESCRIPTIONS

PHYSICAL EDUCATION : Elective Course. Students will be involved in sport-specific activities, general training and conditioning, form and endurance running, and character education, as well as participation in activities such as volleyball, softball, basketball, badminton, soccer, floor hockey, mushball and flag football.

1 credit

PHYSICAL EDUCATION – FRESHMAN FOOTBALL: Intensified physical training specifically for athletes participating in Freshman Football. Students will be involved in sport-specific activities, general training and conditioning, and character education ("Victory with Honor") for all athletes. A major unit on Health is also presented. Fall semester only. Practices extend beyond the normal school day. Course fulfils P.E. requirement for graduation.

1 credit

WEIGHT TRAINING: A half-credit class offered before school as a **ZERO HOUR** designed to expose students to the methods and techniques of weight training. Weight training can be used to gain muscle mass, strength, and reduce body fat percentage. Four days per week students will weight train on individual programs approved by the instructor. All safety procedures will be thoroughly covered prior to the beginning of student's training. One day per week students will be involved in instruction or recreation. This course if offered to students participating in extra-curricular athletic programs.

Prerequisite: Passing grade in Required P. E. Sophomore, junior or senior class standing, or instructor approval.
½ credit

Physical Education – Cheerleading/Spirit Line: This course includes instruction in performing spirit line and cheerleading activities as well as instruction and assessment in the following eight content areas: (1) effects of physical activity upon dynamic health; (2) mechanics of body movement; (3) gymnastics and tumbling; (4) individual and dual sports; (5) rhythms and dance and (6) team sports. Students enrolled in the course may participate concurrently in the spirit line or cheer.

Prerequisite: Tryout and make the spirit line or cheer team.
½ credit

Health: Required for all Freshman – Students will learn about mental, physical and social wellness. Wellness describes a lifestyle in which the physical, social, intellectual, psychological and environmental components of health are integrated. Students will also learn how to promote better health by decreasing stress and finding a fuller vision of your life. Explore different lifestyle choices that can influence your overall health—from positively interacting with others, to choosing quality health care, to making sensible dietary choices.

½ credit-Required Freshman year

4. Extracurricular Activity Goals that include documenting participation in clubs, organizations, athletics, fine arts, community service, recreational activities, volunteer activities, work-related activities, leadership opportunities, and other activities.

Arizona Education and Career Action Plan for Students in Grades 9-12 (ECAP)

A. Effective for the graduation class of 2013, schools shall complete for every student in grades 9-12 an Arizona Education and Career Action Plan ("ECAP") prior to graduation. Schools shall develop an Education and Career Action Plan in consultation with the student, the student's parent or guardian and the appropriate school personnel as designated by the school principal or chief administrative officer. Schools shall monitor, review and update each Education and Career Action Plan at least annually. Completion of an Education and Career Action Plan shall be verified by appropriate school personnel.

B. An Arizona Education and Career Action Plan shall at a minimum allow students to enter, track and update the following information:

1. Academic Goals that include identifying and planning the coursework necessary to achieve the high school graduation requirements and pursue postsecondary education and career options; analyzing assessment results to determine progress and identify needs for intervention and advisement; and documenting academic achievement;

2. Career Goals that include identifying career plans, options, interests and skills; exploring entry level opportunities; and evaluating educational requirements;

3. Postsecondary Education Goals that include identifying progress toward meeting admission requirements, completing application forms and creating financial assistance plans; and

CAREER AND TECHNICAL EDUCATION

Students should select a Career and Technical Education (CTE) program that closely matches the career field they selected when building their Four-Year ECAP Plan in AzCIS.

Important Note: Any student with a CTE class in his or her schedule may NOT have extra class in zero hour or seventh period.

Since NAVIT courses take students off campus for more than one period per day, NAVIT students may be required to take an additional class during zero period, lunch, or seventh period to meet minimum campus enrollment requirements. This policy cannot be waived, regardless of individual circumstances. It is important to plan your schedule accordingly. Please contact the NAVIT coordinator, a counselor or an administrator for the latest information on this potential requirement.

CTE PROGRAMS AVAILABLE AT BLUE RIDGE HIGH SCHOOL:

Accounting
Automotive
Business Operations
Cabinetmaking
Computer Maintenance
Culinary Arts
Graphic Communications
Digital Photography
Automation & Robotics
Software Application Development
Sports Medicine
Video Production
Web Page Design

NAVIT PROGRAMS AVAILABLE OFF-CAMPUS:

NAVIT Cosmetology
NAVIT Fire Science
NAVIT Medical Assisting
NAVIT Nursing Assisting
NAVIT Automotive
NAVIT Welding

Automotive Technology

AUTOMOTIVE TECHNOLOGY 1: This course is designed to introduce students to the basic & common skills of the automotive world. Students will learn about four stroke internal combustion engines, shop safety, common tools, basic theory, terminology & vehicle maintenance. Activities will include the total disassembly and assembly of a 3.5HP single cylinder engine, conducting common vehicle maintenance exercises, constructing basic electronic circuits, identify vehicle systems and components on the vehicle, light diagnostics & more. One semester in length.

Total Number of Lecture Hours: 40%
Total Number of Lab Hours: 60%
This is a Vocational Course

Prerequisite: None
1 Credit

AUTOMOTIVE TECHNOLOGY 2: Designed for students who wish to further their knowledge & experience in the automotive industry. Students will take a detailed look at engine components & construction, vehicle brakes, suspension safety systems, general vehicle design & construction. Students will disassemble & assemble a small Chevy V8, use diagnostic scanners, DVOM's & hydraulic press. One semester in length.

Total Number of Lecture Hours: 40%
Total Number of Lab Hours: 60%
This is a Vocational Course

Prerequisite: Automotive Technology 1
1 Credit

AUTOMOTIVE TECHNOLOGY 3: Introduction to the career industry with expansion on the previous courses learning areas. Students will become more familiar with diagnostic scan tools, hybrid vehicles, vehicle Safety, and HVAC system. Students will write work orders, calculate quotes, successfully pull codes, and will have the option to work on their own vehicles &/or special projects. One semester in length.

Total Number of Lecture Hours: 40%
Total Number of Lab Hours: 60%
This is a Vocational Course

Prerequisite: Passing grade in Automotive Technology 2 and Instructor approval.
1 Credit

AUTOMOTIVE TECHNOLOGY 4: Practice of practical hands on experience with common vehicles as well as advanced projects. Students will diagnose, repair & log actual automotive issues & maintenance. Students will also participate in ASE certification preparation exercise. Auto 4 will start to explore the performance division of the automotive world. One semester in length.

Total Number of Lecture Hours: 40%
Total Number of Lab Hours: 60%
This is a Vocational Course

Prerequisite: Passing grade in Automotive Technology 3 and Instructor approval.
1 Credit

AUTOMOTIVE TECHNOLOGY 5 & 6 : Advanced courses for the student who is prepared for advanced projects & independence with critical thinking skills in the shop. Students will be introduced to performance fabrication, chassis & suspension configuration, sheet metalwork, basic restoration, as well as continue expanding on everyday repair projects necessary to keep vehicles in excellent condition. Student projects are encouraged. One semester in length.

Total Number of Lecture Hours: 40%
Total Number of Lab Hours: 60%
This is a Vocational Course

Prerequisite: Passing grade in Automotive Technology 4 and Instructor approval.
1 Credit

METAL SHAPING AND FABRICATION 1,2,3

This course is project oriented involving skills in metal shaping, welding, foundry & project planning/ management. Students will be given the option to voluntary participation in Skills USA and related competitions / activities. Course is open to sophomores, juniors & seniors only.

Total Number of Lecture Hours: 40%
Total Number of Lab Hours: 60%
This is a Vocational Course

Prerequisite: Passing grade in Automotive Technology 2 and Instructor approval.
1 Credit

Accounting

ACCOUNTING 1: Students gain knowledge of keeping and updating journals for service and merchandising businesses. The course culminates with an accounting simulation designed to model actual source documents in a merchandising business. Students will be required to have pencil, calculator, colored pen and a ruler for this course.
Total Number of Lecture Hours: 40%
Total Number of Lab Hours: 60%
This is a Vocational Course

Prerequisite: Business Operations 1 *(formerly known as BOSS/MOSS)*
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

ACCOUNTING 2: Course is designed to build upon the foundations laid in Accounting 1 and allow students to apply computer applications to the accounting process. Students are introduced to automated accounting and analyzing accounting transactions learned in both Beginning and Advanced Accounting. Students will be required to have a pencil, calculator, colored pen and a ruler for this course.
Total Number of Lecture Hours: 40% Total Number of Lab Hours: 60%
This is a Vocational Course

Prerequisite: Senior class standing; Grade of B or better in Accounting 1
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

Business Operations

BUSINESS OPERATIONS 1A *(MOSS Microsoft Office Suite & Support):* In this half-credit required course, students develop their computer skills using the Microsoft Office 2016 software suite. Students also learn basic business, finance and marketing terminology, theory and tools. Topics include staffing, market research, security, supply & demand, business planning and advertising. Students also utilize a computer business simulation as part of this course. This class, paired with Business Operations 1B, is a beginning course for all CTE programs at Blue Ridge High School, and is required for graduation.

Prerequisite: Sophomore class standing
½ credit
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course

BUSINESS OPERATIONS 1B *(BOSS Business Operations & Support Service):* This half-credit required course is designed for students to refine their career search and learn the basic business principles and concepts. Activities will include updating their 4-year plan, creating a resume and filling out a job application. In addition, students will develop interpersonal communication skills and select a specific career for job shadowing experiences. This class, paired with Business Operations 1A, is a beginning course for all CTE programs at Blue Ridge High School, and is required for graduation.

Prerequisite: Sophomore class standing ½ credit
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%. This is a Vocational Course

Prerequisite: Sophomore class standing and completion of Business Operations 1A.
½ credit

BUSINESS OPERATIONS 2: This class is a fun, fast-paced hour where the students run their own business as assigned by the teacher. Like running a business, students will complete a variety of tasks which will include setting goals, creating all necessary documents, designing advertising tools, planning events, and more.
Total Number of Lecture Hours: 40%. Total Number of Lab Hours: 60%. This is a Vocational Course

Prerequisite: Business Operations 1A & 1B
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

BUSINESS OPERATIONS 3: This class will build on the skills learned in level 2; however, students will choose a business type organization within our school and perform business related tasks to support that organization with tasks such as mailings, advertising, budgets, financials, event planning, etc. Total Number of Lecture Hours:40%
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Prerequisite: Business Operations 2
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors with satisfactory placement on Northern Pioneer College entrance exam.

Cabinetmaking

CABINETMAKING 1: Course includes the basics of hand and power tool safety, basic woodworking and cabinetmaking procedures, and construction of a series of basic cabinetmaking projects. Local field trips will be taken to observe current industry practices. Students will also have the opportunity to earn their NCCER Core Safety Certificate. This card is a required by many companies. They are also given the option of participation in the Skills USA Club (VICA) and related competitions and activities.

Prerequisite: Completion of (or current enrollment in) Business Operations 1B
1 credit
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

CABINETMAKING 2: Students learn production layout and efficiency by designing the production of cabinets and a roll top desk. Students learn wood joinery, gluing techniques, fasteners, tambours, and finishing practices. Students are also given the option of participation in the Skills USA (VICA) Club and related competitions and activities. OSHA 10 safety certification is available as well. Students will build and keep a roll top desk.

Prerequisite: Cabinetmaking 1
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

CABINETMAKING 3: Students focus on the advanced cabinetmaking and upholstery techniques to build a chair, which could be used with their roll top desk. They also design a production and efficiency layout, while applying quality control at different stages of production. Students then design and build an advanced level cabinetmaking project of their own choice, with instructor approval. The students will keep both projects. Students will be given the opportunity to intern with a local business and receive valuable work experience. They are also given the option of participation in the Skills USA Club and related competitions and activities. Students will have built and keep a chair and their project piece.

Prerequisite: Cabinetmaking 2
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

WOMEN IN WOODWORKING: Designed for female students who wish to learn theory and obtain hands-on experience in woodworking and cabinetmaking skills. Course includes basics of hand and power tool safety, basic woodworking and cabinetmaking procedures, and the building of a series of basic cabinetmaking projects. Students have the option of participation in the Skills USA Club and related competitions and activities. All students are welcome to enroll in Cabinetmaking, but this course exists as a nontraditional option for female students who would prefer to learn woodworking skills in a single-gender environment.

Prerequisite: Completion of (or current enrollment in) Business Operations 1B
1 credit
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Computer Maintenance

COMPUTER MAINTENANCE 1: IT Fundamentals

Intended for students with a strong interest in Information Technology. Student will learn the basics of computer hardware, software, mobile computing, networking, troubleshooting, and emerging technologies. The student will gain an understanding of the core components that make up the information technology (IT) landscape while preparing for the IT Fundamentals exam.

Prerequisite: Algebra 1 and sophomore class standing or higher; $20 fee for textbook; $100 professional certification exam.

1 credit

Total Number of Lecture Hours: 40%

Total Number of Lab Hours: 60%
This is a Vocational Course

COMPUTER MAINTENANCE 2: Core 1 A+
Intended for students with a strong interest in A+ certification. Student will learn to install, configure, optimize, troubleshoot, repair, upgrade and perform preventive maintenance on personal computers and digital devices while preparing for the Core 1 exam. There are nine subjects: hardware, networking, operating systems, software troubleshooting, hardware & network troubleshooting, security, mobile devices, virtualization and cloud computing, and operational procedures. The A+ certification has two exams.
Prerequisite: Computer Maintenance 1: IT Fundamentals or pass entry assessment. $35.00 fee for textbook: $120 professional certification exam.
1 credit
Total Number of Lecture Hours: 40%
Total Number of Lab Hours: 60%
This is a Vocational Course

COMPUTER MAINTENANCE 3: Core 2 A+
Intended for students with a strong interest in A+ certification. Student will learn to install, configure, optimize, troubleshoot, repair, upgrade and perform preventive maintenance on personal computers and digital devices while preparing for the Core 2 exam. There are nine subjects: hardware, networking, operating systems, software troubleshooting, hardware & network troubleshooting, security, mobile devices, virtualization and cloud computing, and operational procedures. The A+ certification has two exams.
Prerequisite: Computer Maintenance 2: Core 1 A+ $35.00 fee for textbook: $120 professional certification exam.
1 credit
Total Number of Lecture Hours: 40%
Total Number of Lab Hours: 60%
This is a Vocational Course

Network Security 1: Network+
Intended for students with a strong interest in Network+ certification. Student will learn to design and implement functional networks; configure, manage, and maintain essential network devices; use devices such as switches and routers to segment network traffic and create resilient networks; identify benefits and drawbacks of existing network configurations; implement network security, standards and protocols; troubleshoot network problems; and support the creation of virtualized networks.
Prerequisite: Computer Maintenance 3: Core 2 A+ $55.00 fee for textbook: $150 professional certification exam.
1 credit
Total Number of Lecture Hours: 40%
Total Number of Lab Hours: 60%
This is a Vocational Course

Network Security 2: Security+
Intended for students with a strong interest in Security+ certification. Student will learn the knowledge and skills required to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations. The successful student will perform these tasks to support the principles of confidentiality, integrity, and availability.
Prerequisite: Network Security 1: Network+ or Computer Maintenance 3: Core 2 A+ $55.00 fee for textbook: $150 professional certification exam.
1 credit
Total Number of Lecture Hours: 40%
Total Number of Lab Hours: 60%
This is a Vocational Course

Network Security 3: Server+
Intended for students with a strong interest in Server+ certification. Students will learn server architecture, administration, storage, security,

networking and troubleshooting as well as disaster recovery. The skills are: server architecture, server administrations, storage, security, networking, disaster recovery and troubleshooting.
Prerequisite: Network Security 1: Network+ or Computer Maintenance 3: Core 2 A+ or Network Security 2: Security+ $55.00 fee for textbook: $150 professional certification exam.
1 credit
Total Number of Lecture Hours: 40%
Total Number of Lab Hours: 60%
This is a Vocational Course

Culinary Arts

CULINARY ARTS 1: Introduction to the theory and practice of Culinary Arts Fundamentals: Culinary Basics. Emphasis is on safety, sanitation, culinary terminology, basic nutritional guidelines, equipment needs and usage, standard measurements, basic knife cuts, fruit and vegetable identification and preparation, introduction to hot foods, cold foods and baking.

Prerequisite: Completion of (or current enrollment in) Business Operations 1B
1 credit
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

CULINARY ARTS 2: Focus is on Culinary Fundamentals: Hot Foods, including cooking techniques in preparation of starches found on a menu, such as rice, pasta, and potato products; cooking techniques and preparation of varied meat, fish and poultry items; theory and practice of production of stocks, sauces, and soups; application of seasonings, flavorings, and food service equipment. Additional focus on Food Service Sanitation, Safety and Stewarding.

Prerequisite: Culinary Arts 1
1 credit and up to 6 credits COLLEGE DUAL ENROLLMENT may be available through Eastern Arizona College.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

CULINARY ARTS 3: Course begins with Culinary Fundamentals: Breakfast and Garde Manger (cold foods), including cooking techniques and preparation of breakfast items, salads, sandwiches and dressings. Theory and practice of production of eggs, pasta, cheese, fruit dishes, canapés and hors d'oeuvre creations. Additional focus on Culinary Principles and Kitchen Management, including historical background of the culinary profession, overview of kitchen administration and responsibilities. Course continues with Culinary Fundamentals: Bakery and Pastry. Provides a study of cooking techniques and preparation methods for cakes, pies, cookies and simple desserts as well as production of doughs and breads. Includes preparation of various bakery sauces and toppings, uses of chocolate and appropriate presentation methods for various types of desserts. Students are encouraged to participate in culinary competition. Scholarships are available for approximately 1,000 two- and four-year degree programs nationwide. Previous Blue Ridge culinary competitors have won scholarships ranging from $5,000 to $80,000.

Prerequisite: Culinary Arts 2
1 credit
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

CULINARY ARTS 4: Designed for advanced culinary students, the focus will be on in-depth knowledge of Culinary Fundamentals: Student will take on lead roles in the food production in the program. Students will mentor other students on techniques and preparation methods food production additional focus on Food Costing, Purchasing and Inventory Control and utilize cost controls. The focus is on management, presentation, costing and yield analysis. Students are encouraged to participate in competition for CCAP, FCCLA and ProStart. Scholarships are available for approximately 1,000 two- and four-year degree programs nationwide. Previous Blue Ridge culinary competitors have won the top awards in the state for all three competitions, from $5,000 to $80,000.

Prerequisite: Culinary Arts 3.
1 Credit
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Digital Photography

DIGITAL PHOTOGRAPHY 1: Students will analyze the media industry, utilize computer applications to manage media and apply knowledge of data capture and manipulation. Students will build skills in telling stories through photography. Students will learn the basics of SLR digital photography and the rules for basic

photo composition. Students will also learn to write copy, headlines and photo captions to support the photo and tell the story. Activities will include taking photos outside the classroom (including school events) and working in the Mac lab learning the basics of the most recent versions of Adobe Photoshop, InDesign and Illustrator software programs to edit and place photos for the print/photography industry. Photos will be used for creating the yearbook and other projects.

Prerequisite: Business Operations 1A & 1B and instructor approval.
1 credit
Total Number of Lecture Hours: 20%.
Total Number of Lab Hours: 80%.
This is a Vocational Course or can be counted as a Fine Art credit.

DIGITAL PHOTOGRAPHY 2: Students will learn the production process of the media industry while building on their photography/digital SLR camera skills. Students will enhance their knowledge of headlines and photo captions to support the photo and tell the story. Activities will include taking photos outside the classroom (including school events) and working in the Mac lab to build their skills using Adobe Photoshop, InDesign and Illustrator software programs to edit and place photos for print format. Print format will include creating a yearbook and other photography/print projects. Students will learn the distribution, quality assurance and presentation steps of the production process with the finalization of a yearbook.

Prerequisite: "C" or better in Digital Photography 1 and instructor approval.
1 credit
Total Number of Lecture Hours: 20%.
Total Number of Lab Hours: 80%.
This is a Vocational Course or can be counted as a Fine Art credit.

DIGITAL PHOTOGRAPHY 3: Students will master skills in using a SLR digital camera. Advanced students will create a professional portfolio and will also act as managers and editors of the production process to create several projects including the yearbook. Activities will include taking photos outside the classroom (including school events) and working in the Mac lab to master their skills using Adobe Photoshop, InDesign and Illustrator software programs for the print/photography industry.

Prerequisite: "C" or better in Digital Photography 2 and instructor approval.
1 credit
Total Number of Lecture Hours: 20%.
Total Number of Lab Hours: 80%.
This is a Vocational Course or can be counted as a Fine Art credit.

DIGITAL PHOTOGRAPHY 4 thru 7: This course is designed for students to further experience in desktop publishing. As junior and senior members they will develop their skills in managing and editing for a professional published product. Students will play an active role in planning, writing, photographing designing an creating pages for print publication, newspapers, books. Students at this level will be assigned roles as Editor and chief, Assistant Editor, Photo Editor. Students will enhance their knowledge and skills in Adobe Photoshop and InDesign and may have the opportunity to participate in internship's with local business.

Total Number of Lecture Hours: 20%.
Total Number of Lab Hours: 80%.
This is a Vocational Course or can be counted as a Fine Art credit.

Prerequisite: "C" or better in Digital Photography 3 and instructor approval.
1 credit

Graphic Communications

GRAPHIC COMMUNICATIONS 1: Students will be improving their computer skills, using the most recent versions of industry standard Adobe software programs (Illustrator, InDesign and Photoshop). Students are introduced to the basic terminology, proper safety, theory, tools and materials related to graphic communications and print media. Students will develop a basic understanding of the industry and its major operations, and have the fundamental measurement, math, and interpersonal skills needed for starting a career. Printing processes, computer graphics, effective design practices and art preparation will be studied with an emphasis on "hands-on" learning. Students will CAD-cut vinyl stickers, screen print T-shirts, advertisements and other print-related media.

Prerequisite: Completion of (or current enrollment in) Business Operations 1B
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course or can be counted as a Fine Art credit.

GRAPHIC COMMUNICATIONS 2: Students will continue developing an understanding of the industry and its major operations. Activities will include elements of design, digital photo reproduction, image capture and manipulation, computer graphics, production planning, file management systems, learning through effective production techniques, basic typography, vinyl cutting, sign application, printing and other "hands-on" projects. Students will continue to build these skills using the most recent versions of industry standard Adobe software programs (Illustrator, InDesign and Photoshop).

Prerequisite: Graphic Communications 1
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course or can be counted as a Fine Art credit.

GRAPHIC COMMUNICATIONS 3: Provides a more in-depth experience into the world of graphic communications. Students will explore and will also create hands on projects using technology and software related to print media. Students will be required to build a multi-faceted portfolio from projects created in class to prepare for possible employment in the graphic communications field. Students will advance their knowledge of file preparation, image capture, illustration, and page layout. They will also develop a sound knowledge of ink, paper, and other materials used to create print media. Seniors may also have the opportunity to complete an internship within the Graphic Communication field to aid in the development of technical and customer service skills. Student placement locations and times to be determined by instructor. Internships may be on or off campus.

Prerequisite: Graphic Communications 2
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course or can be counted as a Fine Art credit.

GRAPHIC COMMUNICATIONS 4: Continued investigation of the world of graphic communications. It will require students to demonstrate their ability to perform specific tasks related to the Graphics industry. Students will continue to build and improve their portfolio and will explore the different areas and careers related to graphic communications. Seniors will also have the opportunity to complete an internship within the Graphic Communication field to aide in the development of technical and customer service skills. Student placement locations and times to be determined by instructor. Internships may be on or off campus.

Prerequisite: Passing grade in Graphic Communications 3.
1 Credit
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course or can be counted as a Fine Art credit.

Automation & Robotics

AUTOMATION & ROBOTICS 1: Intended for students with a strong interest in engineering and manufacturing. It prepares students with the theory and skills necessary to go directly into high-paying careers in manufacturing and/or college engineering programs. The curriculum emphasizes hands-on activities to produce mechanical parts relevant to actual industrial situations. Activities include 3D modeling using Solidworks, 3D printing, manual machining (milling and lathe), electronics, and introductory robotics. Students will have the opportunity to become a certified Solidworks Associate and compete in the "Battlebots" and/or VEX robotics competitions.

Prerequisite: Completion of (or current enrollment in) Business Operations 1B
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT available to juniors and seniors.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

AUTOMATION & ROBOTICS 2: Intended for students wishing to complete advanced applications in this program. Students will learn advanced electronics, robotic programming, robotic material handling (such as on an assembly line), and advanced machining (using the NIMS certification model). Students will take field trips to industrial work settings such as the Flagstaff Purina food or St. John power plant. Students will have the opportunity to become a certified Solidworks Expert. Students will be required to design and construct robots for the "Battlebots" and/or VEX robotics competition.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Prerequisite: Precision Manufacturing & Robotics 1
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT available to juniors and seniors.

AUTOMATION & ROBOTICS 3: Intended for students wishing to complete advanced projects and designs in the field of robotics and engineering. Students will have the opportunity to earn a Certified Solidworks Associate or Professional certificate and/or NIMS Machining credential.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Prerequisite: Precision Manufacturing & Robotics 2
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT available to Juniors and Seniors

AUTOMATION & ROBOTICS 4: Intended for students wishing to complete advanced applications in this program. The activities will include robotic materials handling, robotics engineering and precision machining (using the NIMS certification model). The culmination of the program will require students to use all of the equipment utilized during the course to design and construct robots for the "Battlebots" competition. The students will also compete in Skills USA regional, state, and national contests.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Prerequisite: Precision Manufacturing & Robotics 3. Course intended for seniors.
1 Credit

****NOTE:
1. These courses are offered for either math or CTE credit.
2. To use these courses for math credit, successful completion of Algebra 2 or higher is also a prerequisite.
3. This course does not count toward the four math credits required for the Honors-emphasis diploma.
4. ROBOTICS IS A SANCTIONED AIA ACTIVITY.

1 Credit

Sports Medicine

SPORTS MEDICINE 1: Students will be introduced to the field of allied health care. This class will discuss the different career pathways for someone interested in a health related occupation. A special emphasis will be placed on the field of sports medicine and physical rehabilitation. CTE Elective Credit.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Prerequisite: None, course intended for 9-12 grade students.

1 Credit

SPORTS MEDICINE 2: This class is designed to introduce students to the field of sports medicine and rehabilitation. Students will learn the basic principles of athletic training, including taping and wrapping procedures, medical terminology and basic human anatomy. Students will also learn the basic fundamentals of physical therapy and rehabilitation of athletic injuries.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Prerequisite: Sports Medicine 1, Course intended for 10-12 grade students.

1 Credit

SPORTS MEDICINE 3: This class is a continuation of Sports Medicine 2. Students will learn advanced taping and wrapping techniques as well as learning the fundamentals of using therapeutic modalities. Students will also learn more in-depth human anatomy and physiology. Students will also learn the basics of injury assessment. CTE Elective Credit.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Prerequisite: Sports Medicine 2, Course intended for 11-12 grade students.

Video Production

VIDEO PRODUCTION 1: Introduction to the career fields of broadcasting, video editing, video production, and news reporting. The course will include the basics of storyboarding and introduce computer aided editing using Adobe Premiere Pro and Final Cut Pro. Types of editing techniques includes capturing, cutting, transitioning, fading audio, speeding up video, split screen, title construction and more. Students will produce a commercial, a public service announcement and a news story. Students will also work with news reporting, anchoring and writing television news. They are also given the option of participation in the SkillsUSA Club and related competitions and activities. Total Number of Lecture Hours: 40%. Total Number of Lab Hours: 60%. This is a Vocational Course.

Prerequisite: Completion of (or current enrollment in) Business Operations 1B
1 credit

VIDEO PRODUCTION 2: Advanced study of video production and electronic journalism, including class and field work. Students will discuss ethical and legal responsibilities for the audio / visual industry. Students will have the opportunity to direct, coordinate and operate studio equipment, as well as operate the studio control room. Students will also conduct live broadcasts to Blue Ridge High School. Students will set up and operate field / location equipment and lighting. Students will continue to expand their knowledge base of the editing programs of Adobe Premiere Pro and Final Cut Pro, which are industry-standard editing software packages. They are also given the option of participation in the SkillsUSA Club and related competitions and activities.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Prerequisite: Video Production 1
1 credit

VIDEO PRODUCTION 3: Advanced practical application of video production and electronic journalism skills. Course intended for students interested in a career in broadcasting, anchoring/news reporting, play-by-play, video editing, video production, news editing, or public relations for broadcast media. Students will continue to focus on and display ethical and legal responsibility to the audio/ visual industry. Students will be given the opportunity to participate in audio/ visual technology work-based learning experiences. Students will create and present a portfolio to demonstrate learned skills. Students will demonstrate business and financial management practices of the audio/ visual industries. Students will examine the writing process for broadcast media. Students at this level will be responsible for creating a multitude of projects ranging from video productions for Blue Ridge Unified School District programs, short stories, extended news stories, and walk-in video production requests. A course highlight will include participation in the Student Television Network Conference in Anaheim, California, a tour of news stations, tours of colleges, tech schools, and course related industries. They are also given the option of participation in the SkillsUSA Club and related competitions and activities.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Prerequisite: Video Production 2
1 credit

VIDEO PRODUCTION 4: Students take this course for the fall and spring semesters while completing advanced assignments in video production and electronic journalism. Course intended for seniors interested in a career in broadcasting, anchoring/news reporting, play-by-play, video editing, video production, news editing, or public relations for broadcast media. Students will continue to focus on and display ethical and legal responsibility to the audio/ visual industry. Students will be given the opportunity to participate in audio/ visual technology work-based learning experiences. Students will create and present a portfolio to demonstrate learned skills. Students will be given the option of participation in the SkillsUSA Club and related competitions and activities.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Prerequisite: Video Production 3.

1 Credit

Web Page Design

WEB DESIGN 1: Students are introduced to the basic terminology, theory, and tools related to web design. Students will create and maintain their own website. Topics include elements of effective web page design, image editing, HTML/CSS, PHP programming, and Javascript. Sample student sites can be viewed at: www.brjackets.com/web/students .
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Prerequisite: Completion of (or current enrollment in) Business Operations 1B
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors.

WEB DESIGN 2: Students learn intermediate web page design techniques to create sophisticated and interactive websites. Course topics include designing for browser compatibility, mobile devices, and using more advanced Javascript, PHP, and MySQL programming languages to create dynamic websites.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Prerequisite: Web Design 1
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors.

WEB DESIGN 3: This course is intended to provide students with actual work experience by designing a website for a community organization. Students will gain experience meeting and interacting with an actual client. Students will be required to design multiple layouts for the client and modify them according to their needs. Students will work as a team to create a custom content management system for the client to update their website.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.
Prerequisite: Web Design 2
1 credit and up to 6 credit hours COLLEGE DUAL ENROLLMENT may be available to juniors and seniors.

WEB DESIGN 4: Students will learn advanced web page design techniques. Students will acquire a more in-depth knowledge of web-based programming and will create advanced dynamic web pages. Each student will be assigned to create a portfolio of websites they have created and will be assigned to create and maintain a website for a client.
Total Number of Lecture Hours: 40%.
Total Number of Lab Hours: 60%.
This is a Vocational Course.

Prerequisite: Web Design 3 or permission of instructor.
1 Credit

NAVIT

What is NAVIT?

The Northern Arizona Vocational Institute of Technology (NAVIT) was created in 1998 when area voters approved
the second joint-use technological educational district in Arizona. As a joint district, NAVIT is able to offer technology training programs which are often beyond the resources of any one of its member school districts. Also, in consolidating small numbers of students interested in a given profession, it is possible to offer programs which would not be possible to offer in a single high school. All NAVIT central programs are occupationally specific and are taught by professionals who have not only worked in industry with state-of-the-art equipment, but who are also caring individuals who possess the vision to train students appropriately to compete in an ever-changing global economy. By state law, junior and senior grade-level students who reside within the boundaries of the member school districts may attend NAVIT courses. Students may earn high school credit while attending NAVIT and graduate from Blue Ridge High School. In addition, students may earn community college credit from Northland Pioneer College.

COSMETOLOGY (NAVIT / NPC Show Low Campus): This is a two-year course of study which trains students to be beauty operators, hairstylists, beauticians, and cosmetologists. Some related occupations include makeup artists, styling/cosmetic supply sales, shop owner, beauty consultant, and instructor. Local career opportunities exist in all communities. Cosmetology is open only to juniors and seniors who must be able to prove the receipt of high school credits equivalent to the completion of at least 10th grade (a State Board requirement). The student must complete the state requirement of 1600 clock hours in the cosmetology classroom. This includes working thirteen to fifteen Saturdays throughout the year in addition to meeting during summer months before and after the traditional semester.

Prerequisite: Junior or Senior class standing, a passing ASSET placement test scores, application to program (space is limited)
4 credits per year (8 credits total)

FIRE SCIENCE (NAVIT Taylor Central Campus): This is a one-year program. The Fire Science program, in cooperation with the State Fire Marshal's Office and the local fire districts and departments throughout the NAVIT district, trains fire department personnel in firefighting operations and in the use of equipment. Employment areas related to firefighting include fire inspectors, arson investigation, fire prevention specialists, insurance investigators, hazardous materials specialists, business/industry fire protection system engineer, and others. The firefighter is an indispensable asset to the small and rural communities within the district. Those persons seeking career opportunities should understand that a greater number of jobs exist in all metropolitan and suburban areas of the state as well as the nation. College credits can be used towards a Certificate of Applied Science or an Associate of Applied Science Degree.

Prerequisite: Senior class standing, a passing ASSET placement test scores and application to program (Space is limited.)
4 credits

MEDICAL ASSISTING (NAVIT / NPC Show Low Campus): This is a two-year course of study which prepares students to enter health care professions. The program provides continuing education opportunities for advancement beyond entry-level positions into possible positions such as office managers or clinic coordinators. Certificate holders will be skilled in medical office practices such as insurance billing codes and transcription, patient care procedures, and diagnostic lab techniques useful in assisting the medical practitioner in patient treatment.

Prerequisite: Junior or Senior class standing, a passing ASSET placement test scores, and application to program (space is limited.)
4 credits junior year, 2 credits senior year (6 credits total)

NURSING ASSISTING (NAVIT / NPC Show Low Campus): This is a single-semester course which will qualify the student to qualify as a candidate for the State Nurse Assistant Registry. Students will receive extensive instruction, theory,

classroom training, and internship training at local health care facilities.

Prerequisite: Senior class standing, a passing ASSET placement test scores, and application to program (space is limited.)
2 credits

NATF AUTOMOTIVE (NAVIT Central Campus): The NAVIT/ NPC Automotive Technician program is a two-year sequence of courses designed to prepare our students for the competency exams in the following eight ASE Certifications: Brake Systems, Electrical & Electronic Systems, Engine Performance, Suspension & Steering, Automatic Transmission & Transaxle, Engine Repair, Heating & Air Conditioning, Manual Drivetrain & Axles. Completion of this program will allow students to not only sit for exams, but one year of the required two-year internship will be waived.

Prerequisite: Junior or Senior class standing, a passing ASSET placement test scores, and application to program (space is limited.)
4 credits per year (8 credits total)

WELDING (NAVIT Central Campus): The Welding Program is a two-year program designed to teach incremental levels of welding skills, which enable students to achieve nationally recognized certifications (NCCER /AWS Level 1 Entry Level Welder and Level 2 Advanced Level Welder). Each certificate level is acknowledged by industry markets as proof of acquired skills in various forms of welding, cutting, base metal preparation, welding inspection, safety, and metallurgy. This prepares students for certification tests in specific welding code applications, such as AWS, API, and ASME Sec IX. In addition to welder certification, students are afforded the opportunity to obtain a Certificate of Proficiency, Certificate of Applied Science and Associate of Applied Science, or a Bachelor's Degree in Engineering at ASU Polytechnic.

Prerequisite: Junior or Senior class standing, a passing ASSET placement test scores, and application to program (space is limited.)
4 credits per year (8 credits total)

ENRICHMENT & ELECTIVE COURSES

AP Seminar: In AP Seminar, students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. The AP Seminar course is part of the greater AP Capstone diploma program. AP Capstone is an innovative diploma program from the College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of AP Seminar (Junior year) and AP Research (Senior year) and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses. With sufficient coursework and final AP test score, students can earn up to 3 credits at the college/university level depending on the university they attend. This class is designed only for Juniors, however, interested Seniors may enroll. AP Seminar is a year-long, 45 minute course and is worth 1 credit.

Elective – 1 credit

AP Research: The AP Research is the final piece of AP programming that allows a student to earn an AP Capstone Diploma (4 AP courses + AP Seminar + AP Research). Its design allows each individual student to delve deeply into a topic of his/her choice, culminating in the presentation of academic, thesis-type paper at the end of the course. AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking and academic research skills. To accommodate the wide range of student topics, typical college course equivalents include introductory research or general elective courses. At Blue Ridge, this counts as an elective credit. There is no end of course AP exam for AP Research. Upon receiving an adequate grade for the successful completion of the paper, students may be granted college credit, depending on the institution.

Prerequisite – Successful completion of AP Seminar

ACT/SAT PREP: This course will mentor students as they practice for the ACT/SAT tests by teaching basic test-taking skills. Students will practice multiple tests in all subjects. It may include essay practice for the tests and for the Common Application. This will be a class that gives tests every day. Tailored to students who plan to take the SAT/ACT in the late fall or early spring year. Individual improvement efforts for each student will be based on the ACT and SAT standards for College and Career Readiness standards as established by the College Board. Tests have been rewritten to be standards-based and the course will adopt these same standards as a guide to creating improvement efforts for every student.

Elective - .5 Credit

Introduction to Computer Science – Python: This course is designed to offer an introduction to computer science. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems. This course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science, including AP Computer Science Principles and AP Computer Science A courses. The course allows students to work independently in text-based Python. The course also includes a career focus, where at the end of units, students meet (via videos) individuals from different industries who work in coding (medical, music, etc.).
Elective – 1 Credit

AP Computer Science Principles: The AP CS Principles course is a full year AP course geared towards 10th-12th graders. Edhesive has partnered with the University of Texas at Austin's UTeach Institute to launch an online version of the esteemed UTeach CS Principles curriculum. This curriculum has been endorsed by the College Board. UTeach CS Principles has been designed as a year-long high school course that fully addresses the seven "Big Ideas" of computer science and six "Computational Thinking Practices", as specified by the College Board's AP Computer Science Principles curriculum framework. The lessons and materials used throughout this course incorporate Project-Based Learning (PBL), a pedagogical approach that actively engages students in the educational process, improves retention and develops problem-solving, critical thinking, and group communication skills. Through this collaborative, learner-centric approach, students

are encouraged to explore the advantages and societal impact of computational technology while developing their own programming and computational thinking skills. The course is roughly 20% coding, and 80% focused on CS applications through project-based, inquiry-based, collaborative learning.
Grades 10-12
Elective – 1 Credit

AP Computer Science A – Java: AP CSA is a full-year AP course geared towards 11th-12th graders who are serious about programming. Java requires a good mathematical background and strong problem-solving skills. The course will prepare students for the Advanced Placement Computer Science exam, level A. Students will learn to design and implement computer programs that solve problems relevant to today's society, including art, media, and engineering. AP Computer Science A teaches object-oriented programming using the Java language and is meant to be the equivalent of a first semester, college-level course in computer science. It will emphasize problem-solving and algorithm development, and use hands-on experiences and examples so that students can apply programming tools and solve complex problems. Edhesive's AP Computer Science A is approved by the College Board as an authorized AP Computer Science A course.
Grades 11-12
Elective – 1 Credit

ALGEBRA 1 Y LAB REQUIRED: A standard introductory algebra course. Emphasis on graphing, writing and solving equations; real numbers; exponents and radicals; solving and graphing quadratic equations; polynomials; functions and basic geometry.

Elective - 1 Credit

ARIZONA WILDLIFE: This course is a survey of the varied wildlife of Arizona from the Grand Canyon to the Sonoran Desert. Mammals, birds (including waterfowl), reptiles, amphibians, fish, and insects and focuses on the ecology of wild animals, including the study of their biology and interrelationships with each other, with humans, and with the physical and biological environment that makes up their habitat. May involve outdoor experiences and field trips. Optional: If a student wants to participate in field trips a $30 fee will apply.

Elective - .5 Credit

ENGLISH 9 Y LAB REQUIRED: This standard-level freshman English course focuses on literature and composition with grammar review. In addition to in-depth writing practice, students study novels, mythology and nonfiction pieces.

Elective - 1 credit.

FAB LAB 101: How to Make (almost) Anything: This class is designed as an introductory/cursory fab lab class. It is modeled after the FAB Foundation course that teaches digital design and prototyping, using 21st century software and equipment. Students who take this course will be able to independently design and fabricate almost anything using 2-D and 3-D software and hardware commonly found in a fab lab (electronics fabrication, coding, 3D scanners, vinyl cutters, laser cutters, CNC machines, high precision mills, UV flatbed printers and 3D printers). A great deal of emphasis is placed on student-directed learning, creating things that interest you and mastery of software and equipment.

Elective - .5 Credit

FAB LAB Advanced: This course is an extension of How to Make Almost Anything (prerequisite). Students will demonstrate advanced design and fabrication skills as they complete their capstone projects. Students will also work as FAB LAB leaders and have the opportunity to mentor others as they work alongside the "How to Make Almost Anything" students. Prerequisites of How to Make Almost Anything or FAB LAB Science and Engineering.

Elective - .5 Credit

FAB LAB SCIENCE AND ENGINEERING: This course integrates physics, engineering and digital fabrication content into a high school lab science course. Students explore how physics, engineering and technology all connect with one another by participating in a variety of student directed projects. Topics include mechanisms, energy, matter, materials, and motion. Students develop problem-solving skills and apply their understanding of research and development to create solutions to various challenges, document their work, and communicate solutions.

Elective - 1 credit

GREENHOUSE OPERATIONS: Regarding the basics of the theory and practice of growing plants year-round within a semi-controlled environment. Students will be exposed to subjects, based on Next Generation Science standards and Arizona Career and Technical Education standards, that include the science behind soil and plant health, greenhouse design and construction, composting, pest control, plants as nutrition, mass production of plants for food and ornamental purposes, and ethical considerations in agriculture. The course is designed for students who are interested in the production of plants as food and/or decoration.

Elective - .5 Credit

OFF GRID LIVING: This course is designed to introduce students to living a more self-sustaining lifestyle. It will include the following topics: Solar energy and cooking, wind energy, water collection and pasteurization, gardening techniques, rules and regulations, food preservation and storage, sustainability, health, and housing.

Elective - .5 Credit

OUTDOOR LIVING: Students will be instructed in various outdoor activities and their basic skills. The activities covered could include fly fishing, fly tying, orienteering, hunter education, firearms safety, sporting clays, (The state of Arizona has passed legislation to allow hunter education and firearms safety to be taught in public schools). Upon successful completion, students would receive their Hunter Education Card from the Arizona Game and Fish Department. Other activities may include hiking, and disc golf. A certain amount of field trip time will be required for the completion of the class including a Saturday range day as required by the Arizona Game and Fish Department. Students will be required to write articles with pictures about the activities for their school paper with regard to the history, equipment, skills, rules and their personal experiences as part of their curriculum.

Elective - .5 Credit

PAINTING: This course introduces students to classical and contemporary painting, techniques and concepts, with emphasis on the understanding of its formal language and the fundamentals of artistic expression. Color theory, linear perspective, compositional structure, figure/ground relationships, visual perception, spatial concepts, and critical thinking skills will all be emphasized extensively. We will study and research major painting styles and movements in historical context. The hope is that students will use this global approach to develop a "critical eye" in evaluation of contemporary painting.

Elective - .5 Credit

PE FOR LIFE: The purpose of this class is to offer physical education for those who enjoy PE! Students will understand the concept that fitness is for life and can be fun! Does not meet the Phys. Ed. requirements for graduation.

Elective - .5 Credit

PR for BR (Public Relations for Blue Ridge): This course is designed for students in athletics or other leadership/spotlight roles at Blue Ridge who are interested in learning how to be positive role models through their words and the media. Students will learn how to appropriately handle interviews, social media, and furthermore, will help create a positive image for Blue Ridge High School through the local media.
Elective - .5 Credit

WOMEN IN HISTORY: This course examines the lives of women who have made an impact on history. We will examine their contributions through class discussions, analyzing literature and art, and observing media and film. Students will be expected to create a scrapbook as a final project. $5.00 (to purchase supplies for the final project).

Elective - .5 Credit

GRID DESIGN: Using different sized grid sheets, students will learn how to create original geometric designs, how to draw using a grid, and how to create floor plans and beginning drafting techniques. Students will learn how to use color in designs. This class utilizes math, science, and art skills. Course fee is $25

Prerequisite: None

Elective - .5 Credit

Introduction to Journalism: Introduction to Journalism will be designed as an elective course available to all high school students, grades 9-12. In this class, students will compose pieces fit for

publication, have to opportunity to choose the topics they write about, be exposed to a variety of types of journalistic writing (like writing for news, sports, opinion, and yearbook coverage), and will have the opportunity to edit and revise both their own work, and the work of other students. Students will also receive a variety of news articles to read, so that they can also learn this style of writing through modeling and exemplification. Additionally, through reading sample articles through a critical lens, students will have the opportunity to see biases in the article, give opinions and feedback on pieces read, and propose ways to improve these sample texts.

Elective - .5 Credit

INDIVIDUAL COURSE OFFERINGS

COURSE DESCRIPTIONS

PEER TUTORING: Peer Tutors must be in good standing academic/conduct. Tutors will assist peers with study techniques and monitor homework assignments. Students needing tutoring may include: fellow high school students. Open to juniors, and seniors who have passed advanced levels in core subjects. Pass/Fail only: no letter grade is given. Grade will be factored for credit with a 0.0 weight. Repeatable for credit.

Prerequisite: Junior or senior class standing with a 3.5 GPA and approval of instructor, Principal, Assistant Principal, Counselor, and Attendance Clerk. Application with essay is required for consideration
½ or 1 credit

DRIVER EDUCATION THEORY COURSE: In this half-credit class students will learn defensive driving skills, how to operate a standard vehicle, and about driving in different kinds of weather such as snow, rain, wind, glare, and poor visibility. Speakers are brought in to present different subjects such as insurance, drinking and driving, drug abuse, and handling a vehicle in emergency situations.

Prerequisite: None
½ credit

NOTE: The Behind-The-Wheel portion of Driver Education is optional but recommended. Students who wish to participate in the Behind-The-Wheel program require parental permission, a valid Arizona driver permit or license, and completion of the Driver Education Theory Course. A separate fee (currently $175) is also required. Driving schedules are arranged between the instructor and student. Students receive six (6) hours of actual driving time. Those interested in taking Behind-The-Wheel training should contact their Driver Education Theory Course instructor or a counselor for more information.

Foundations: Required for freshman students. The Study Skills program is designed to assist students learn, understand, and reinforce concepts and/or assignments presented in the general curriculum. Students have the opportunity to develop and strengthen good study habits and learning strategies through various instructional methods and strategies. Specific goals and objectives identified in the student's IEP will be integrated into the class. The study skills teacher will collaborate with regular education teachers on an on-going basis to develop study strategies and design lessons to best meet academic requirements of the regular classroom. Study Skills is a support class for students taking regular education classes. Emphasis is placed on core classes.

½ credit-Required for Freshman students

STUDENT AIDE: Responsibilities are designated by high school teachers or office staff. Pass/Fail only: no letter grade is given. Repeatable for credit.
Prerequisites: Junior or senior class standing; application and staff member/teacher approval. Overall GPA of 3.0 required.
1 credit

STUDENT GOVERNMENT: This elective course is designed to develop personal leadership

skills and an understanding of group processes in a democratic society. The course seeks to foster the capacity for leadership; to create an understanding of the importance of leadership in a democratic society; and to prepare students to assume leadership roles in the school and community. Students will create, plan and communicate school activities using leadership skills. Repeatable for credit.

Prerequisite: Election to student government office or permission of instructor.
1 credit

PROFESSIONAL WORK EXPERIENCE: Designed to introduce and prepare students for the working world. Students will use their current job or utilize job placement assistance. Students will be required to submit an application prior to enrollment, and required to meet all course requirements.

Prerequisites: Principal's approval. Seniors only.
1 credit

YELLOW JACKET LEARNING CENTER: The Yellow Jacket Learning Center offers a combination of computer- based instruction and offline assignments for students whose educational needs are not met by traditional instruction. The school currently operates during the regular school day and during an after-school seventh period. Students are placed after receiving the recommendation of a teacher, counselor or the high school administration, and after an application and interview process. Students may not take more than two different courses at one time without the director's approval. Most courses required for graduation are offered. All courses meet State and governing board requirements, but will not be counted toward honors credit, and may not meet the requirements of the NCAA and some colleges and universities. Grades earned at the Learning Center are not used to calculate Xcel, academic awards, or honor roll eligibility. The school is staffed by certified instructors and instructional aides.

Students may not transfer from a regular class to a Learning Center class after second week of a semester, except upon the request of the high school administration or at the recommendation of a teacher or counselor. All students, regardless of their date of placement, must complete coursework by the end of regular grading periods. Incomplete courses will receive a grade of F.

Students wishing to replace a failing Learning Center grade must complete coursework at times specified by the program director.

Prerequisite: Director's approval.

BEYOND BR: This is an open computer lab that allows students to take additional enrichment and elective coursework to supplement their high school education. ***THIS IS NOT FOR CREDIT RECOVERY!*** A multitude of classes are available on our digital learning platform: PLP. As well as

SPANISH 1: See World Languages course description.

SPANISH 2: See World Languages course description.

SPANISH 3: See World Languages course description.

PLP DIGITAL CLASSES:

COURSE DESCRIPTIONS

3D Modeling: Are you interested in a career in technology? Are you curious about working in fields like virtual reality, video game design, marketing, television and motion pictures, or digital imaging? If so, this course in 3D Modeling is a great place to start as it is the foundation for all these career paths. Gain a deeper understanding of graphic design and illustration as you use 3D animation software to create virtual three-dimensional design projects. Hone in on your drawing, photography, and 3D construction techniques and develop the skills needed to navigate within a 3D digital modeling workspace. This course is an excellent introduction to careers in the fast-growing field of technology and design.

Advertising and Sales: What comes to mind when you think of 'marketing'? Perhaps a familiar television jingle plays in your head? Or maybe you think of those irritating sales phone calls? There's no denying the sheer magnitude and power of the marketing industry. Every year companies spend approximately $200 billion promoting their products and services—and that's just in the United States alone! You may be familiar with being on the receiving end marketing, but what's it like on the other side? In Advertising and Sales Promotions, you'll see how these marketing

campaigns, ads, and commercials are brought to life and meet some of the creative folks who produce them. You'll learn about different marketing career opportunities and discover ways to be part of this exciting, fast-paced industry.

African American History: Over the course of U.S. history, how have African Americans helped shaped American culture? This African American History course answers that question by tracing the accomplishments and obstacles of African Americans beginning with the slave trade on up to the modern Civil Rights movement. What was it like during slavery, or after emancipation, or during the years of discrimination under Jim Crow? Who were some of the main figures who have shaped African American history? In this course, you'll learn about the political, economic, social, religious, and cultural factors that have influenced African American life, come face to face with individuals who changed the course of history, and explore how the African American story still influences current events today.

Introduction to Agriscience: How can we make our food more nutritious? Can plants really communicate with each other? These are just two of the questions tackled in Introduction to Agriscience. From studying the secrets in corn roots to examining how to increase our food supply, this course examines how agriscientists are at the forefront of improving agriculture, food production, and the conservation of natural resources. In Introduction to Agriscience, you'll learn about the innovative ways that science and technology are put to beneficial use in the field of agriculture. You'll also learn more about some of the controversies that surround agricultural practices as nations strive to provide their people with a more abundant and healthy food supply.

Agriscience II: Sustaining Human Life: Have you ever strolled past a bright green cauliflower at the market and paused to ponder its unusual color? Ever wonder why "broccolini" is suddenly a thing? Well, if you find yourself curiously questioning these, and other, peculiar vegetables and wondering about the role of agriculture in the modern world, Agriscience II is for you. Learn how science and technology are revolutionizing our food supply and promoting innovative ways to produce healthy plant-based foods, such as developing better hybrids and growing edible plants in challenging places. Food is our most essential resource; see how plant science will change the face of eating in the 21st century and give us the knowledge to continually improve our green thumbs!

Animation: Are you inherently creative? Do you have an eye for drawing, technology, and timing? If so, Animation is the course for you! As animation creates movement in a two-dimensional artistic space, in this course you will learn the necessary skills to do just that. You will learn how to use animation tools to conceptualize and bring your animation dreams to life. By using a various software and design programs, you'll have the power to transform your creative notions into reality as you design, define, and complete a variety of digital design projects, including creating your own website! Learning about Animation could lead to a thriving career in the growing world of technology and animation.

Anthropology I: Uncovering Human Mysteries: What makes us human? Is it our ability to use language? Is it our abstract thinking skills or our use of tools and technology? In Anthropology 1: Uncovering Human Mysteries you will trace the history of homo sapiens and explore our evolutionary trail. This course offers an anthropologic lens to observe our movement from cave dweller to modern human. It sheds light on how we forged our way and developed all of the things that make us human, such as our cultures, languages, and religions. We, as humans in the 21st century, are highly intelligent, innovative people with astounding technological ability—how did we get this way?

Anthropology II: More Human Mysteries: How does your culture influence you? Find out how different locations shape various cultures and, in turn, how these cultures shape people's lives around the world—from the jungles of the Amazon to the islands of Indonesia. Anthropology II: More Human Mysteries Uncovered provides a fascinating look at this puzzle of culture. Many of our ancient cultures and languages were shaped by the geographical locations of our ancestors, and in this course, you will begin to visualize new ideas about how ancient cultures flourished through examining their views on life, death, art, and survival. In looking back and learning about cultures through the ages, we are better equipped to understand the world around us today.

Archaeology: Detectives of the Past: The famous Spanish philosopher and writer George Santayana once said, "Those who cannot remember the past are condemned to repeat it." We know from studying history how true this statement is, and the age-old field of archaeology helps us to better understand, through discovery and analysis, how ancient civilizations have shaped the modern world. This fascinating course, Archaeology: Detectives of the Past, explores the various techniques, methods, and theories of this field and illustrates how archaeologists conduct their studies. What is it like to uncover precious artifacts? How are they located and preserved? Find the answer to these questions and more as you learn how ancient discoveries can unlock the secrets of a long and colorful past.

Art in World Cultures: Who do you think is the greatest artist of all time? Maybe Leonardo da Vinci? Michelangelo? Maybe a more modern artist like Claude Monet or Pablo Picasso? Or is it possible that the greatest artist of all time is actually someone whose name has been lost to history? In Art in World Cultures, you'll learn about some of the greatest artists in the world while creating your own art, both on paper and digitally. This course explores basic principles and elements of art and teaches you how to critique different art works art. And along the way, you will get to discover some traditional art forms from various regions of the world including the Americas, Africa, and Oceania.

Astronomy: Exploring the Universe: The universe is truly the last unknown frontier and offers more questions than answers. Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since humans first glimpsed into the vastness of the night sky, we have been fascinated with the celestial world of planets and stars. Astronomy: Exploring the Universe introduces you to the engaging world of astronomy. By using online tools, you will examine such topics as the solar system, space exploration, and the Milky Way and other galaxies. The course also explores the history and evolution of astronomy including those basic scientific laws of motion and gravity that have guided astronomers as they made their incredible discoveries of the universe.

Biotechnology: Unlocking Nature's Secrets: How is technology changing the way we live? Is it possible nature can provide all the answers to some of science's most pressing concerns? The fusion of biology and technology creates an amazing process and offers humanity a chance to significantly improve our existence through the enhancement of food and medicine. In Biotechnology: Unlocking Nature's Secrets, you'll learn how this field seeks to cure such deadly diseases as cancer and malaria, develop innovative medicine, and effectively feed the world through improved systems. Learn about the history of biotechnology and some of the challenges it faces today, such as resistant bacteria and genetically modified organisms in food. You will research new biotechnologies and understand firsthand how they are forever changing the world we live.

Careers in Criminal Justice: Most of us have watched a sensationalized crime show at one time or another, but do we really know how things work behind those dreaded prison bars? Do we really understand all the many factors in our justice proceedings? The criminal justice system is a very complex field that requires many seriously dedicated people who are willing to pursue equal justice for all. The Careers in Criminal Justice course illuminates what those different career choices are and how the juvenile justice system, the correctional system, and the trial process all work together to maintain social order. Find out more about what really happens when the television show ends and reality begins.

Concepts of Engineering and Technology: What if you could do the impossible? Engineers understand a lot of things, but the word impossible definitely isn't one of them. Through Concepts of Engineering and Technology, you'll learn how the momentum of science is continually propelling engineers in new directions towards a future full of insight and opportunity. This course explores the different branches of engineering and how problem-solving, sketching, collaboration, and experimentation can change the very fiber of our human lives. This ever-increasing knowledge can also lead to serious ethical dilemmas and the need to discuss where the boundaries of science lie (or even if there should be boundaries). By examining astounding engineering feats and complex ongoing issues, you, too, will begin to question whether the word impossible really exists.

Cosmetology: Cutting-Edge Styles: We all want to look our best, but did you know there is actually a science behind cutting your hair and painting your nails? In Cosmetology: Cutting-Edge Styles, you will learn all about this often entertaining field and how specialized equipment and technology are propelling our grooming into the next century. Just like all careers, cosmetology requires certain skills and characteristics, all of which are thoroughly explored in this course. You will learn about various beauty regimes related to hair, nails, skin, and spa treatments, and discover how to create your own business model quickly and efficiently while still looking fabulous, of course!

Creative Writing: For many hundreds of years, literature has been one of the most important human art forms. It allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of material reality. Through creative writing, we can come to better understand ourselves and our world. This course can provide you with a solid grounding in the writing process, from finding inspiration to building a basic story. Then, when you are ready to go beyond the basics, learn more complicated literary techniques to create strange hybrid forms of poetry and prose. By the end of this course, you can better discover your creative thoughts and turn those ideas into fully realized pieces of creative writing.

Criminology: Inside the Criminal Mind: Understanding the criminal mind is not easy. Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. In Criminology: Inside the Criminal Mind, you will be given the rare opportunity to climb inside the mind of a criminal and examine the ideas and motivations at work. The mental state of a criminal can be affected by many different aspects of life—psychological, biological, sociological—all of which have differing perspectives and influences. You will investigate not only how these variables affect the criminal mind but also how the criminal justice system remains committed to upholding the law through diligence and an uncompromising process.

Cybersecurity: Ever wonder what it's like to be a hacker? Or think about who is trying to steal your passwords while you're shopping online using the free Wi-Fi at your local coffee shop? Can someone be watching your personal, private information? Can anything be kept "secret" online? We depend more and more on the technologies we interact with every day. This creates the need for increased system and network security measures. And, it means we all need to know more about how to protect valuable and vulnerable information. This course introduces you to the tools, technologies, and methods needed to protect online information and addresses how these issues are impacting safety and rights on a global and personal level. Learn what exciting career possibilities await you in the new and high-demand field of cybersecurity.

Digital Photography I: Creating Images with Impact! Have you ever wondered how professional photographers manage to take such sensational pictures? How are they able to find just the right way to capture an image or moment in time? Perhaps you've even wondered why your own pictures don't meet that standard. Digital Photography I: Creating Images with Impact! will answer these questions and help you understand more about the basics of photography. Learning about aperture, shutter speed, lighting, and composition is key for any serious photographer and will help you gain the confidence and knowledge you need to become one. You will not only follow photography through its history but also gain a basic understanding of camera functions, techniques and what it takes to shoot quality portraits, close-ups, action shots, and landscapes.

Digital Photography II: Discovering Your Creative Potential: In today's world, we are surrounded by images. We are continually seeing photographs as they appear in advertisements, on websites, in magazines, and on billboards; they even adorn our walls at home. While many of these images have been created by professional photographers, it is possible for your photos to take on a more professional look after you discover how to increase your creative potential. In Digital Photography II: Discovering Your Creative Potential, you will examine various aspects of the field including specialty areas, ethics, and famous photographers throughout history. You will also learn how to effectively critique photographs so you can better understand composition and go on to create more eye-catching photographs on your own.

Early Childhood Education: As children, we see the world differently than we do as teenagers and adults. It is a world full of magical creatures and

strange, exciting things. But what makes childhood such a wondrous time of learning and exploration? What can caregivers do to encourage this? In Early Childhood Education, you will learn more about understanding the childhood experience. Learn how to create interesting lessons and stimulating learning environments that provide a safe and encouraging experience for children. Discover how to get children excited about learning and, just as importantly, to feel confident about their abilities. Early childhood teachers have the unique opportunity to help build a strong base for their young students' life-long education.

Entrepreneurship: Starting Your Business: What does it really take to own your own business? Does the sound of being your own boss make you feel excited or anxious? Either way, Entrepreneurship: Starting Your Business will get you started in the right direction. This course explains the ins and outs of such an enterprise, giving you the confidence needed to be your very own boss. You will discover what is needed to operate a personal business from creating a plan, generating financing, and pricing products to marketing services and managing employees. If you've ever dreamed of being a true entrepreneur but feel daunted by the prospect, this is your chance to learn all you need to know.

Fashion and Interior Design: Do you have a flair for fashion? Are you constantly looking for new ways to decorate or design your room? If so, Fashion and Interior Design is the course for you. Explore the world of design and begin to understand the background and knowledge needed to develop a career in this exciting field. Try your hand at designing through a project-based process, learning how color, composition, and texture can all affect great aesthetics. You'll develop the essential communications skills necessary to build a successful business and begin to develop the kind of portfolio that will lead to future career opportunities. Perhaps it's time to get your stylish foot in the door?

Forensic Science I: Secrets of the Dead: Fingerprints. Blood spatters. Gunshot residue. If these things intrigue you rather than scare you, Forensic Science I: Secrets of the Dead may be for you. This course offers you the chance to dive into the riveting job of crime scene analysis. Learn the techniques and practices applied during a crime scene investigation and how clues and data are recorded and preserved. You will better understand how forensic science applies technology to make discoveries and bring criminals to justice as you follow the entire forensic process—from pursuing the evidence trail to taking the findings to trial. By careful examination of the crime scene elements, even the most heinous crimes can be solved.

Forensic Science II: More Secrets of the Dead: Every time a crime is committed, a virtual trail of incriminating evidence is left behind just waiting to be found and analyzed. In Forensic Science II: More Secrets of the Dead, you'll learn even more about the powerful science of forensics and how it has changed the face of crime and justice in our world. You will learn some basic scientific principles used in the lab, such as toxicology, material analysis, microscopy, and forensic anthropology and find out how scientists use everything from insects to bones to help them solve crimes. Discover how advanced techniques and methodical processes can lead to catching even the craftiest criminal. The best way to battle crime these days is not with a weapon, but with science.

Forestry and Natural Resources: Whether you are a tree-hugger or not, everyone loves the beauty and serenity of a healthy forest. Our precious woodland species not only supply us with aesthetic beauty but also play a valuable role in nature. Trees uphold a great deal of our wildlife's ecosystem while providing us humans with needed lumber, paper products, and even food. But these forests cannot protect themselves and depend greatly on humans for conservation. In Introduction to Forestry and Natural Resources, you will learn more about this meaningful relationship and how environmental policy, land use, water resources, and wildlife management all factor into current forestry issues. After better understanding these variables and how they affect the majesty of our forests, you may just be hugging these gentle giants after all.

Game Design I: Are you a gamer? Do you enjoy playing video games or coding? Does the idea of creating and designing your own virtual world excite you? If so, this is the course for you! Tap into your creative and technical skills as you learn about the many aspects involved with designing video games. You will learn about video game

software and hardware, various gaming platforms, necessary technical skills, troubleshooting and internet safety techniques, and even the history of gaming. And to top it all off, you'll even have the opportunity to create your very own plan for a 2D video game! Turn your hobby into a potential career and go from simply being a player in a virtual world to actually creating one!

Game Design II: We live in a technologically-advanced world where virtual reality and video games play a major role. Have you ever thought about designing your own video game? By signing up for Game Design 2, you will learn the skills needed to conceptualize, design, and fully create your very own video game. Explore various video game software and hardware, sharpen your coding skills, learn about game storylines, player progression, and algorithmic decision making. Learn to analyze player goals, actions, rewards, and challenges, among many other game play components. Utilize the 21st century skills of creativity, critical thinking, communication, collaboration, and technical expertise. When you sign up for Game Design 2, you are putting yourself at the forefront of a future in technology!

Gothic Literature: Monster Stories: Vampires, ghosts, and werewolves have lived in our collective imagination since the 18th century, and they continue to influence the world of fiction even today. Gothic Literature: Monster Stories focuses on the major themes found in Gothic literature and demonstrates the techniques writers use to produce a thrilling psychological experience for the reader. The themes of terror versus horror, the power of the supernatural, and the struggle between good and evil are just a few of the classic Gothic subjects explored in this course. Are you brave enough to go beyond the fear and find an appreciation for the dark beauty of Gothic stories?

Great Minds in Science: Ideas for a New Generation: Sometimes there are simply more questions than answers. Does life exist on other planets? How extreme is the human ability to survive? Will the issue of global warming ever be solved? Today, scientists, explorers, and writers are working to answer such questions by using extensive inquiry to find innovative solutions. Similar to such famous minds from history as Edison, Einstein, Curie, and Newton, the scientists of today are finding ways to revolutionize our lives and the world. Great Minds in Science: Ideas for a New Generation takes an in-depth look at the extraordinary work of these individuals and demonstrates how their ideas may very well shape the world of tomorrow.

Health 1: Life Management Skills: Imagine the healthiest people you know . . . what's their secret? While some health traits are genetically determined, the truth is we all have the ability to make positive changes in our physical lives. In Health 1: Life Management Skills, you will learn how to promote better health by decreasing stress and finding a fuller vision of your life. Explore different lifestyle choices that can influence your overall health—from positively interacting with others, to choosing quality health care, to making sensible dietary choices. You will have the opportunity to build your own plan for improvement and learn how to create the type of environment that will ensure your overall health, happiness, and well-being.

Health Sciences I: The Whole Individual: We know the world is filled with different health problems and finding effective solutions is one of our greatest challenges. How close are we to finding a cure for cancer? What's the best way to treat diabetes and asthma? How are such illnesses as meningitis and tuberculosis identified and diagnosed? Health Sciences I: The Whole Individual provides the answers to these questions and more as it introduces you to such health science disciplines as toxicology, clinical medicine, and biotechnology. Understanding the value of diagnostics and research can lead to better identification and treatment of many diseases, and by learning all the pertinent information and terminology you can discover how this amazing field will contribute to the betterment human life in our future.

Health Sciences II: Patient Care and Medical Services: Are you looking for a job that's challenging, interesting, and rewarding? These three words describe many of the different careers in health care, and Health Sciences II: Patient Care and Medical Services will show you how to become part of this meaningful vocation. Promoting wellness, communicating with patients, and understanding safety in the workplace are just a few of the essential skills you will learn, all the while becoming familiar with some of the more prominent areas in the field, such

as emergency care, nursing, infection control, and pediatrics. You'll learn about some of the inherent challenges faced by this age-old profession and how you can become a significant part of the solution.

History of the Holocaust: "Never shall I forget that night, the first night in camp, which has turned my life into one long night, seven times cursed and seven times sealed." Elie Wiesel, a Holocaust survivor, wrote these words about his experiences in a Nazi concentration camp. History of the Holocaust will take you through the harrowing details of anti-Semitism, the power of the Nazi party, the persecution of European Jews and other groups, and the tremendous aftermath for everyone involved in World War II. You'll explore the causes of the Holocaust, the experiences of Jews and other individuals during this time, and what has been done to combat genocide since WWII. "For the dead and the living, we must bear witness."

Hospitality and Tourism: Traveling the Globe: Think about the best travel location you've ever heard about. Now imagine working there. In the 21st century, travel is more exciting than ever, with people traversing the globe in growing numbers. Hospitality and Tourism: Traveling the Globe will introduce you to a thriving industry that caters to the needs of travelers through managing hotels, restaurants, cruise ships, resorts, theme parks, and any other kind of hospitality you can imagine. Operating busy tourist locations, creating marketing around the world of leisure and travel, spotting trends, and planning tasteful events are just a few of the key aspects you will explore in this course as you locate your own career niche in this exciting field.

Human Geography: Our Global Identity: Modern humans have been roaming the earth for about 200,000 years. How do the places we live influence the way we live? How do geography, weather, and location relate to our customs and lifestyles? In Human Geography: Our Global Identity, you will explore the diverse ways that different people have physically influenced the world around them and how they, in turn, are changed by their surroundings. Discover how beliefs and ideas spread through time, shaping and changing the cultures they encounter. In this course, you'll gain tremendous insight into human geography and begin to better understand the important relationship between humans and their environments.

International Business: Global Commerce in the 21st Century: Imagine meeting with suppliers at an office in Europe while calling your salesroom that's back in Asia. Imagine investing in foreign markets and visiting partners in exotic locales. With the evolution of current technology, our world is more connected than ever before, and the business community today is larger than ever. International Business: Global Commerce in the 21st Century will demonstrate just how you can gain the knowledge, skills, and appreciation to live and work in the global marketplace. You will begin to understand how both domestic and international businesses are affected by economic, social, cultural, political, and legal factors and what it takes to become a true manager of a global business in the 21st century.

Introduction to Culinary Arts: Food, glorious food! It both nourishes and satisfies us, and it brings people together through preparation, enjoyment, and celebration. If you've ever wanted to learn more about cuisine and how your creativity and appreciation can be expressed by preparing food, Introduction to Culinary Arts is perfect for you. Learn the fundamentals of a working kitchen, and explore what it takes to develop real talent as a chef. Enhance your knowledge of the endless varieties of food, and discover the possibilities that the many spices can bring. Learning more about food preparation will certainly make everything you prepare taste better while giving you the ability to bring people together through the joy of eating.

Introduction to Manufacturing: Product Design and Innovation: Think about the last time you visited your favorite store. Now picture the infinite number of products you saw. Have you ever wondered how those things made it to the shelves? Whether it's video games, clothing, or sports equipment, the goods we purchase must go through a manufacturing process before they can be marketed and sold. In Introduction to Manufacturing: Product Design and Innovation, you will learn about different types of manufacturing systems as well as career opportunities, including engineers, technicians, and supervisors. As a culminating project, you will

plan your own manufacturing process and create an entirely original product! If you thought manufacturing meant mundane assembly lines, this course will show you how exciting, creative, and practical this industry can be.

Introduction to Military Careers: Most of us have seen a war movie; maybe it had a hotshot aviator or a renegade private or a daring Special Forces operative. But outside of these sensationalized portrayals, do you really understand how the military works or what it can do for you? The military offers far more career diversity than most people imagine, and Introduction to Military Careers will provide the information you need to gain a broader understanding of how to find the right fit. You will learn about the five military branches— Air Force, Army, Coast Guard, Marines Corps, and Navy— and examine which jobs you might like to pursue. From aviation, to medicine, to law enforcement, the military can be an outstanding place to achieve your dreams in a supportive and well-structured environment.

Introduction to Philosophy: The Big Picture: Go on an exciting adventure covering over 2,500 years of history! Along the way, you'll run into some very strange characters, like the dirty barefoot man who hung out on street corners pestering everyone with questions, or that eccentric fellow who climbed inside a stove to think about whether he existed. Despite their odd behavior, these and other philosophers of the Western world are among the world's most brilliant and influential thinkers and originated the fundamental ideas of Western civilization. Introduction to Philosophy: The Big Picture asks some of the same questions these great thinkers pondered, so by the time you've "closed the book" on this course, you will better understand yourself and the world around you from atoms to outer space and everything in between.

Introduction to Renewable Technologies: Cars that run on used vegetable oil. Electricity produced from your garbage. A windmill made from spare bicycle parts that pumps water to crops. Energy is life. So, how do we address the world's growing concerns about energy sources? Where will it come from in the future? How can energy be something sustainable, renewable, and accessible? Introduction to Renewable Technologies begins to uncover the development of new energy technologies and explores how recent approaches to generating, storing, and creating this precious resource have evolved. By gaining a larger understanding of this challenge, we, as thoughtful people, can implement real change and unlock the solution needed for a safer, cleaner, and more enduring world.

Introduction to Social Media: Have a Facebook account? What about Twitter? Whether you've already dipped your toes in the waters of social media or are still standing on the shore wondering what to make of it all, learning how to interact on social media platforms is crucial to surviving and thriving in this age of digital communication. In Introduction to Social Media, you'll learn the ins and outs of such social media platforms as Facebook, Twitter, Pinterest, Google+, and more and how to use them for your benefit—personally, academically, and, eventually, professionally. If you thought social media platforms were just a place to keep track of friends and share personal photos, this course will show you how to use these resources in much more powerful ways.

Introduction to Women's Studies: A Personal Journey Through Film: Maybe you grew up watching movies with female characters like Cinderella, Belle, Snow White, or Ariel. Maybe you've wondered why there are stereotypes about women being bad drivers or ignorant about sports. Maybe you want to know about feminism and the women's movement. The Introduction to Women's Studies: A Personal Journey Through Film can help you answer these questions. Though it focuses on the experience of women, it's appropriate for anyone who wants to learn to critically examine films while learning about the history of the women's movement and how gender, race, and social class influence us. Women have earned their right to stand up and be recognized as equal partners and reap the benefits of their hard work. As the anonymous quote goes, "History is Herstory too."

Journalism: Investigating the Truth: Are you always the first one to know what's going on at school or in your town? Maybe your Facebook or Instagram accounts are the reliable place for others to find the latest breaking news? If so, you are just the kind of person every online, print, and broadcast news outlet is searching for, and Journalism: Investigating the Truth is the perfect course for you! Learn how to write a lead that

really "grabs" your readers, interview sources effectively, and write engaging news stories. You will explore the history of journalism and see how the modern world of social media can provide an excellent platform for news. Turn your writing, photography, and collaborative skills into an exciting and rewarding journalism career!

Law and Order: Introduction to Legal Studies: Imagine if there were no laws and people could do anything they wanted. It's safe to say the world would be a pretty chaotic place! Every society needs some form of regulation to ensure peace in our daily lives and in the broader areas of business, family disputes, traffic violations, and the protection of children. Laws are essential to preserving our way of life and must be established and upheld in everyone's best interest. In Law and Order: Introduction to Legal Studies, you'll delve deeper into the importance of laws and consider how their application affects us as individuals and communities. Through understanding the court system and how laws are actually enacted, you will learn to appreciate the larger legal process and how it safeguards us all.

Marine Science: Secrets of the Blue: Have you ever wondered about the secrets of the deep, and how the creatures below the ocean's surface live and thrive? It is truly a new frontier of discovery, and in Marine Science you will begin to better understand the aquatic cycles, structures, and processes that generate and sustain life in the sea. Through the use of scientific inquiry, research, measurement, and problem solving, you will conduct various scientific procedures that will lead to an increased level of knowledge about Marine Science. You will also have the opportunity to use technology and laboratory instruments in an academic setting. By recognizing the inherent ethics and safety procedures necessary in advanced experiments, you will become progressively more confident in your abilities as a capable marine scientist.

Music Appreciation: The Enjoyment of Listening: Have you ever heard a piece of music that made you want to get up and dance? Cry your heart out? Sing at the top of your lungs? Whether pop, classical, or anything in between, music provides a powerful way for people to celebrate their humanity and connect with something larger than themselves. Music Appreciation: The Enjoyment of Listening not only will provide a historical perspective on music from the Middle Ages to the 21st century, but it will also teach you the essentials of how to listen and really hear (with a knowledgeable ear) the different music that's all around you. Learning how to truly appreciate sound and melody is the best way to ensure a continued love of this delightful art form.

Mythology and Folklore: Legendary Tales: One semester Since the beginning of time, people have gathered around fires to tell stories of angry gods, harrowing journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Mythology and folklore have provided a way for these colorful stories to spring to life for thousands of years. Mythology and Folklore: Legendary Tales will illustrate how these famous anecdotes have helped humans make sense of the world. Beginning with an overview of mythology and different types of folklore, you will journey with age-old heroes as they slay dragons, outwit gods, defy fate, fight endless battles, and outwit clever monsters with strength and courage. You'll explore the universality and social significance of myths and folklore and see how these powerful tales continue to shape society even today.

National Security: Do you know what it takes to keep an entire nation safe? It not only requires knowledge of how to handle disasters, but it also demands a cool head and tremendous leadership abilities. In National Security, you will have the opportunity to learn about the critical elements of the job, such as evaluating satellite information, analyzing training procedures, assessing military engagement, preparing intelligence reports, coordinating information with other security agencies, and applying appropriate actions to various threats. Put yourself in the position of the country's decisive leaders and develop your own knowledge base and skill set necessary to meet the requirements of our nation's most demanding career.

Nutrition and Wellness: Have you ever heard the phrase "your body is your temple" and wondered what it means? Keeping our physical body healthy and happy is just one of the many challenges we face, and yet, many of us don't know how to best achieve it. Positive decisions around diet and food preparation are key to this process, and you will find the essential skills needed to pursue a healthy, informed lifestyle in Nutrition and Wellness. Making sure you know how to locate, buy, and

prepare fresh delicious food will make you, and your body, feel amazing. Impressing your friends and family as you nourish them with your knowledge? That feels even better!

Peer Counseling: Are you the person that people come to for advice? Does it seem that your friends always talk to you about their problems? If so, Peer Counseling may be the perfect course for you. It offers ways for you to explore this valuable skill and better understand how it can make a difference in the lives of others. Helping people achieve their personal goals is one of life's most rewarding experiences, and Peer Counseling will show you the way to provide support, encouragement, and resource information. Learn how to observe others as a Peer Counselor as you carefully listen and offer constructive, empathic communication while enhancing your own communication skills.

Personal and Family Finance: We all know money is important in life. But how important? In fact, the financial decisions you make today may have a lasting effect on your future. Rather than feeling anxious about money feel empowered by learning how to make smart decisions! Personal and Family Finance will begin the conversation around how to spend and save your money wisely, investing in safe opportunities and the days ahead. Learning key financial concepts around taxes, credit, and money management will provide both understanding and confidence as you begin to navigate your own route to future security. Discover how education, career choices, and financial planning can lead you in the right direction to making your life simpler, steadier, and more enjoyable.

Personal Fitness: What does being fit really mean? Is it just based on physical appearance or is it something deeper? Though we strive to be healthy and make sensible choices, it's difficult to know how to achieve this. It's not only about losing weight or lifting a heavy barbell; in Personal Fitness you will learn about body functions, safety, diet, goals, and strategies for longevity. Human beings, in both body and mind, are complex and highly sensitive organisms that need the right attention to physically excel and feel great. Being fit is about living life to the fullest and making the most of what you have—yourself! Explore the world of healthy living and see how real fitness can be achieved through intention, effort, and just the right amount of knowledge.

Personal Psychology I: The Road to Self-Discovery: Have you ever wondered why you do the things you do? Have you asked yourself if self-knowledge is the key to self-improvement? Are you interested in how behavior changes as we age? Psychology can give you the answers! In Personal Psychology I: The Road to Self-Discovery, you will trace the development of personality and behavior from infancy through adulthood. You will come to learn more about perception and consciousness and better understand the role of sensation. Are you ready to explore the world of human behavior? Come explore all that psychology can offer to help you to truly understand the human experience.

Personal Psychology II: Living in a Complex World: Why do you sometimes remember song lyrics but can't remember where you left your phone, your keys, or even your shoes? How does language affect the way we think? Why is your personality so different from (or so similar) your brother's or sister's personality? Personal Psychology II: Living in a Complex World will you to explore what makes you 'you.' Why do some things motivate you more than others? How can you determine your IQ? If you've ever wanted to dive right into the depths of who you are and how you got to be you, jump on board and start your exploration now!

Principles of Agriculture: Food and Natural Resources: Did you know that the world's population could be as high as 11 billion people by the year 2050? And certainly, as our population is growing, so too are our food needs. Even today, millions of people around the world experience hunger. How can we balance growing populations and keeping everyone fed? This is where the importance of agriculture, food, and natural resources comes in! Through the study of Principles of Agriculture: Food and Natural Resources, you will gain a stronger sense of how food ends up on the plate and how we can maximize the foods and natural resources the earth provides. You'll learn more about agriculture's history, animal husbandry, plant science, and natural resources, and you'll be better prepared for your part in sustaining the world.

Principles of Public Service: To Serve and Protect: Ambulances scream along, heading

toward those in need. But who makes sure someone is there to answer the 9-1-1 call? When you take a pill, who has determined that drug is safe for the public? All of these duties are imperative to our comfort and success as a society. Public service is a field that focuses on building a safe and healthy world, and in Principles of Public Service: To Serve and Protect you will be introduced to its many different career choices. The protection of society is not only one of our greatest challenges, it also provides ways for people to work together to ensure safety and provide indispensable services. If you've ever contemplated being one of these real-life heroes, now is the time to learn more!

Public Speaking: Does the thought of speaking in front of people makes you break out in hives? Maybe you want tips on how to make that first great impression? In both cases, Public Speaking may be just what you need. In this class you will learn from famous orators, like Aristotle and Cicero, how to communicate effectively, uphold your arguments, and effectively collaborate with others. You'll master the basics of public speaking through practice—such as building a strong argument and analyzing the speeches of others—eventually learning to speak confidently in front of large groups. Grab your notes and get ready to conquer public speaking!

Real World Parenting: Do you love children? Maybe you dream of being a parent someday. But perhaps you are also asking yourself, just how, exactly, do you learn to parent? Learning how to care for children while teaching them confidence and accountability is not an easy feat. In Real-World Parenting, you'll learn that being a parent is much more than simply feeding, bathing, and protecting a child. Creating a positive environment, nurturing, fostering education, and serving as a role model are all critical aspects as well. You'll learn how to be a positive force in the development of your future children as well as others around you.

Restaurant Management: Have you ever dreamed of running your own eatery? Maybe you've thought of collaborating with a famous chef to create an unforgettable dining experience? What goes on behind the restaurant dining room is a very different world than what goes on out front and really determines the success or failure of an establishment. Restaurant Management will show you exactly what's needed to run a successful restaurant, including ordering supplies, hiring quality workers, maintaining inventory, and managing a large staff. Understanding such concepts as food safety, hygiene, customer relations, marketing, and using a point-of-sale system are crucial to being an effective restaurateur. Whether you are hoping to operate a casual sit-down eatery, oversee a fine dining establishment, or buy a food franchise, this course is the perfect first step.

Social Problems I: A World in Crisis: War, crime, poverty, global warming—our world often seems full of dire warnings and predictions. How can we make sense of it all and still dare to step outside each day? Social Problems I: A World in Crisis will explore some of the biggest challenges facing our world today and prepare you to tackle them head-on. You'll learn what led to these social problems, what effects they have on our lives and societies, and what possible solutions exist for solving them. Whether you want to save the world from the next pandemic or better understand the effects of the media on society, this course will help you develop a plan of action!

Social Problems II: Crisis, Conflicts, and Challenges: It may seem like we live in a sometimes scary and ever-changing world. Everywhere we look—from the homeless living on the streets, to world-wide health epidemics, to the often negative effects of our global world—problems seem to appear at every corner. In Social Problems II: Crisis, Conflict, and Challenges, you'll explore more of the challenges we face and learn what we can do to reduce the effects of these conflicts and problems. From drug abuse to terrorists to the changing nature of communities in our digital world, we can better face and solve these problems when we have a deeper understanding of their causes and influences on our lives.

Sociology I: The Study of Human Relationships: Human beings are complex creatures; however, when they interact and begin to form relationships and societies, things become even more complicated. Are we more likely to act differently in a group than we will when we're alone? How do we learn how to be "human"? Sometimes it can feel as if there are more questions than answers. Sociology I: The Study of Human Relationships seeks to answer these questions and many more as

it explores culture, group behavior, and societal institutions and how they affect human behavior. You'll learn how social beliefs form and how this shapes our lives. How does this happen? Join us and find out!

Sociology II: Your Social Life: Why do people disagree on so many big issues? Where do culture wars come from? Maybe you've wondered this as you've looked through your social media feed or read the latest online article about groups fighting over different social issues. Sociology II: Your Social Life takes a powerful look at how social institutions like families, religion, government, and education shape our world and how collective behavior and social movements can create change. Although the reality of the battles isn't always pretty, gaining a clearer picture of the different sides can help you better understand how our lives are shaped by entertainment, social institutions, and social change.

Sports and Entertainment Marketing: Whether you are watching a famous athlete make an unbelievable play or witnessing a sensational singing performance, the world of sports and entertainment is never boring. Although it may seem impossible for you to be a part of this glittery world, it's not! The Sports and Entertainment Marketing field offers careers that combine entertainment with traditional marketing, but with a whole lot more glamour. Explore basic marketing principles while delving deeper into the multibillion dollar sports and entertainment industry. Learn how professional athletes, sports teams, and famous entertainers are marketed as commodities and how the savvy people who handle these deals can become very successful. This course will show you exactly how things work behind the scenes of a major entertainment event and how you can be part of the act.

Theater, Cinema, and Film Production: Lights! Camera! Action! Let's explore the enchanting world of live theater and its fascinating relationship to the silver screen. In Theater, Cinema, and Film Production, you'll learn the basics of lighting, sound, wardrobe, and camerawork while examining the magic that happens behind all the drama. Delve into the glamorous history of film and theater, and examine the tremendous influence these industries have had on society and culture over the years. During this unit, you'll discuss and analyze three classic American films—Casablanca, Singin' in the Rain, and The Wizard of Oz—to help you learn how to critique and appreciate some of the most famous dramas of all time.

The Lord of the Rings: An Exploration of the Films and Its Literary Influences: Hobbits, Orcs, wizards, dashing knights, and powerful elves are all part of the magic created in J.R.R. Tolkien's famously epic tale, The Lord of the Rings. For years, the vivid characters within this beloved story could exist only in the readers' minds—until it was adapted into a movie that allowed fans to finally see, through the eyes of Hollywood magic and brilliant technology, the manifestation of these characters onscreen. What does it take to transport these well-known images like Gollum and the Shire from dusty pages to the giant screen? In The Lord of the Rings: An Exploration of the Films and Its Literary Influences, you will see first-hand how classic literature can become modern film and bring the fantasy alive for a whole new generation of believers.

Veterinary Science: The Care of Animals: Lions and tigers and bears (oh my!) Whether you want to step into the wild side of veterinary medicine or just take care of the furry dogs and cats down your street, Veterinary Science: The Care of Animals will show you how to care for domestic, farm, and wild animals and diagnose their common diseases and ailments. Learn how different veterinary treatments are used and developed to improve the lives of animals and, as a result, the lives of those people who treasure them. If you have always been drawn to the world of our furry, scaly, and feathered friends, this may be just the course for you!

World Religions: Exploring Diversity: From Taoism, to Islam, to Christianity, religion inevitably affects us all in some way. On one level, religion can help us commune with and honor our spiritual natures, but it can also divide people and create great strife in the world. World Religions: Exploring Diversity will explore the various characteristics of faith and introduce the fundamentals of the major religions, including Judaism, Islam, Christianity, Buddhism, Confucianism, Hinduism, Shintoism, and Taoism. You'll trace how these powerful faiths have influenced cultures over thousands of years and helped to shape the face of humanity. After this

course, you'll have a clearer understanding of how religion continues to affect the larger world.

TALON
Virtual Classes via NPC

We offer the following classes through NPC's virtual classroom on the Blue Ridge campus. Students must qualify by GPA 2.6 or higher, ACT scores, or ACCUPLACER test. Synchronous classes are virtual classes with teachers broadcasting through computer and TV to BR. Asynchronous classes are online classes.

ENL 101: College Composition I 3 credits ENG 1101 A course in the basic principles of college-level reading and writing. The course includes several academic essays and a short research paper. Prerequisite: Satisfactory placement, or CCP 082. Three lecture.
Synchronous

ENL 102: College Composition II 3 credits ENG 1102 A course in the basic principles of college-level reading and writing, including literary analysis, documented critical essays and a longer research paper. Prerequisite: 'C' or better in ENL 101. Three lecture.

English 101 and 102 are Senior only classes. Must take both semesters for Senior English credit at BR
Synchronous

MAT 152: Advanced Algebra 3 credits MAT 1151 Algebraic concepts with an emphasis on solving real-life applications that includes a review of basic algebra, equations, inequalities, functions, polynomials, rational, radical, exponential and logarithmic functions as well as sequences, series and combinatorics. Prerequisite: Algebra 2 with a B or better in both semesters. Three lecture.
Synchronous

MAT 142: College Mathematics with Contemporary Applications 3 credits MAT 1142 An emphasis on developing quantitative skills and reasoning abilities covering management science, statistics, data analysis, probability, and social choice. Prerequisite: Algebra 2 with a B or better in both semesters. Three lecture

Synchronous also offered with Mrs. Woods through Dual Enrollment

ART 101: Understanding Art 3 credits Understanding, enjoyment and relationship of the visual arts to everyday life through the study of styles, techniques and meaning in painting, sculpture and architecture. Broad historical overview of art from prehistoric through contemporary. Prerequisite: Satisfactory placement. Three lecture. Counts as a Fine Art Credit.
Synchronous

ANT 102: Cultural Anthropology 3 credits Introduction to culture and language. Includes variations in subsistence strategies, social organization, religion, and disease theory systems. Patterns of culture change and the

modern world system. Prerequisite: Satisfactory placement. Three lecture.
Asynchronous

PSY 101: Introduction to Psychology 3 credits PSY 1101 Survey of the science of psychology, including history and systems, physiology, development, sensation and perception, learning theory, abnormal psychology, personality and memory and cognition. Prerequisite: Satisfactory placement. Three lecture.
Asynchronous

PSY 240: Developmental Psychology 3 credits A survey of the issues and concepts dealing with age-related behavior and developmental changes during each different period of our life span from conception through old age and death. Current research in human development includes the physical, cognitive and psychosocial development of each period of the life span. Prerequisite: Satisfactory placement. Three lecture.
Asynchronous

SPT 130: Introduction to Theatre 3 credits. An introductory survey course of theatre from its earliest known beginning(s) to the present day. Students are exposed to drama from a variety of historical and ethnic backgrounds. The course focuses on the aesthetic and humanistic aspects of theatre within historical and contemporary contexts. Prerequisite: Satisfactory placement. Three lecture

BLUE RIDGE ONLINE: STUDENT INFORMATION

BLUE RIDGE ONLINE: In most cases, students who are concurrently enrolled in Blue Ridge High School and Blue Ridge Online are responsible for paying tuition costs for classes offered through Blue Ridge Online (currently $150 per half credit). Exceptions may be made when a student has not yet attempted the course, needs the course to graduate in the same school year, and the course cannot be provided through a traditional classroom setting or through the Yellow Jacket Learning Center. Such exceptions must be approved by the principal.

ASU Prep Digital

Blue Ridge High School also partners with ASU in providing digital. Students will be on campus in the **ASU Open Learning Lab**. The content available for high school credit will be the following courses:

- English 9-12, Creative Writing
- World History
- US History
- Government/Economics
- Psychology
- Algebra I
- Geometry
- Algebra II
- Precalculus
- Marine Science
- Physical Science
- Biology
- Chemistry
- Physics
- Forensic Science
- Art History
- Guitar
- Filmmaking
- Music Appreciation
- Photography 1-2
- Leadership 1-4
- Culture Building
- Conflict Management
- French 1-3
- German 1-3
- Spanish 1-4
- Mandarin 1-3
- Latin 1
- Entrepreneurship 1-4
- ACT/SAT Test Prep
- Robotics
- College Credit Courses
- Computer Gaming and Design
- Consumer Economics/Personal Finance
- Health Education
- Recreation Sports
- Fitness/Conditioning Activities.

AZSOC

The Arizona Student Opportunity Collaborative (AzSOC) networks qualified Arizona teachers with students across the state who need high school and college-level

classes. Dual Enrollment is also a possibility for some course offerings. Dual Enrollment Tuition will be $110 per four-hour course from GCU or other participating college. The tuition is waived for any student on assistance (free or reduced lunch, SNAP, AHCCCS, etc.).

Dual Enrollment Courses available through AzSOC

- ENG 101, English Composition (ENG 105, depending on the college)
- ENG 102, English Critical Reading / Composition (ENG 105, depending on college)
- College English Critical Reading (Credit earned through Prescott College)
- Early Childhood Education
- College Algebra (or Applications of Algebra)
- College Algebra and Trigonometry (Pre-Requisite College Algebra, MATH 154)
- Calculus I (Prerequisites*)
- Calculus II (Prerequisites*)
- University Physics (e.g. PHY 121)
- Intro to Statistics
- SPA 101, Elementary Spanish I (SPA 104 at other colleges)
- SPA 102, Elementary Spanish II (SPA 102 at other colleges)
- College Biology (Biology Concepts or General Biology)
- Introduction to Anatomy & Physiology