

COURSE OFFERING AND DESCRIPTION

GUIDE FOR

YOUNGKER HIGH SCHOOL

2020-2021



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MESSAGE TO PARENTS AND STUDENTS

Educational decisions are among the most important decisions we make in our lifetime. It is the goal of the Buckeye Union High School District that all students will identify and follow a personalized educational pathway that intentionally and strategically prepares them for the career pursuits they intend to follow after graduation from high school.

In preparing students for their post-secondary plans, we want students to gain knowledge and skills in their career pathway, but we also want them to learn career ready skills to be Responsible Citizens, Inspirational Leaders, Resourceful Connectors, Empowered Learners, Critical Thinkers, and Creative Innovators.

This course description guide has been developed to assist students and parents in making wise decisions in choosing courses while in high school that will support students' goals for after high school. Students, parents, and school personnel (counselors, teachers, and administrators) work together as a team to help guide students in their choices for career and educational experiences.

The information contained in this guide is subject to change to stay in compliance with BUHSD Governing Board Policy and state/federal laws and regulations.

Class Fees

The opportunity to attend school, complete required coursework, or earn required course credit during the regular school day is not contingent upon payment of course fees or material charges. However, students who choose to take elective courses in the areas of Career & Technical Education and Fine & Performing Arts may be charged a fee to cover the cost of materials. Students who qualify for the free and reduced lunch program will have their CTE course fees waived.

Non-Discrimination

The Buckeye Union High School District does not practice discrimination on the basis of race, color, national origin, sex, disability, or age. Career and Technical Education program offerings include: Agricultural Science, Air Force Junior ROTC, Architectural Drafting, Automotive Technology, Carpentry, Computer Science, Culinary Arts, Early Childhood Education, Education Professions, Engineering, Graphic Design, Law and Public Safety, Medical Assisting, Social Media Business, Sports Medicine, Technical Theatre, and Welding Technologies. The lack of English language skills will not be a barrier to admission and participation in the Career and Technical (vocational) Education programs of the Buckeye Union High School District. The following people have been designated to handle inquiries regarding non-discrimination policies:

Title IX Coordinator: Leslie Doud, HR Director
1000 E. Narramore Ave., Buckeye, AZ; 623-386-9701; Ldoud@buhd.org
Section 504/ADA Coordinator: Leslie Doud, HR Director
1000 E. Narramore Ave., Buckeye, AZ; 623-386-9701; Ldoud@buhd.org

PLANNING GUIDELINES

The Planning Process

One of your most important tasks each year is the selection of courses. It is important that students are intentional and strategic in choosing courses that support their future endeavors. Each student must sign up for a full year of courses during registration. The choice made by the students, after careful study and planning with parents, counselors, and teachers collectively, determines the curriculum offerings for the upcoming year. Courses listed herein are proposed for the next school year. The final decision to offer a course will be dependent upon the following factors:

- Classroom space
- Availability of a certified teacher
- Enrollment standards (a minimum number of students enrolled)
- Ability of the district to financially support the program

All students will develop an Education and Career Plan (ECAP) that reflects their current plan of coursework, career aspirations, and extended learning opportunities in order to develop their personalized education pathway. It is important that each student work with his/her counselor and parents to develop their personalized education pathway that ensures that all requirements for graduation are completed and that preparation towards the students chosen career pursuits is taking place. High school counselors are available to assist students and parents in evaluating a student's program whenever necessary.

How to Plan for Registration

- I. Consider the student's needs, interests, and abilities
 - A. A good foundation in general education.
 - B. Preparation for the student's career pathway.
 - C. Possible removal of educational deficiencies.
 - D. Capitalizing on abilities and interests.
 - E. Preparation for citizenship in a democratic society.
- II. Secure Information
 - A. Read the information presented in this guide.
 - B. Have parents participate in the process of course planning and registration.
 - C. Confer with teachers, counselors, and workers in your field(s) of interest.
 - D. Consult occupational literature and college catalogs.
 - E. Consider opportunities for additional education through LC Online, West-MEC, dual enrollment, and concurrent enrollment.
- III. Translate this information into subjects to be taken at specific grade levels of school.

HOW TO READ COURSE DESCRIPTIONS

For each course, the first line in bold type identifies the course name.
The next line presents the following additional information:

F, So, J, Sr grade levels	1 sem or 2 sem course length	1 or 2 credit for course	Y or N satisfies district graduation requirement of the subject level
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Graduation Requirements

Students are required to demonstrate competency of the Arizona College & Career Ready Standards and pass a minimum number of courses to earn a high school diploma.

English	4
Mathematics (including Alg II and one course beyond)	4
Science	3
World Studies/Geography	1
Arizona/US History	1
Arizona/American Government & Economics	1
Physical Education (including health)	1
Career and Technical or Fine/Performing Arts	1
Electives	<u>13</u>
Total Credits Required for Graduation	29

**In addition to earning the necessary credits for graduation, students in Arizona must pass the state Civics Exam in order to earn a high school diploma.*

**The Physical Education requirement is generally met by taking a physical education course. Students may also take 2 credits of Dance (any level), 2 credits of competitive Marching Band, or 2 credits of AFJROTC to meet the Physical Education requirement.*

Students must meet all requirements for graduation before being permitted to participate in the commencement ceremonies. Students who wish to graduate at mid-year are urged to visit their counselor the spring semester prior to their last school year of completing their graduation requirements to ensure that requirements can be met. All students must comply with the following minimum requirements:

- a. Students must take four (4) courses/credits per semester which provide credit toward graduation. The Principal may allow a senior on track for graduation to enroll three (3) courses/credits in any one semester.
- b. Students must meet the requirements of the State of Arizona.

Repeating Courses

Courses may be repeated to raise a grade with prior approval, but core credit toward graduation is only earned once for any class. The lower grade will be counted as an elective. When a class is taken a second time for grade improvement, the credit and the higher grade will be listed on the official transcript and included in the grade point average (GPA) calculation. The class in which the lower grade was earned will remain on the official transcript, but will not be included in GPA calculation. Elective courses may be repeated for credit and included in the GPA if indicated in the Course Description Guide.

To maintain the integrity and legitimacy of our Honors/AP programs, students will be allowed to retake an Honors/AP class for GPA improvement, however, they will not be allowed to earn Honor/AP points for that class in the GPA calculation. The school counselor must approve the Duplicate Course/GPA Acknowledgement Form prior to the student repeating the course for grade improvement.

Credit Recovery/Credit Deficiency

The Buckeye Union High School District provides students the opportunities needed during the regular school day to complete high school in 4 years or 8 semesters. Programs are available to support students who have failed one or more classes or who are short on credits towards graduation. These options are in addition to the regular school day. To learn more about the programs that are available, please contact the school Guidance Counselor.

Testing Out of Courses

Students who believe they possess the knowledge of a specific course may elect to test out of a course in the following subjects: English, Math, Social Studies, Science, World Language, and Career & Technical Education courses. A student must receive a seventy percent or better to receive credit. No grade points are awarded. A "P" for passing appears on the transcript. A student can only try to test out of the same class one time. Tests must be taken before or within the first week of either semester. Credit earned through challenge tests may not be accepted for university credit or the National Collegiate Athletic Association (NCAA) Clearinghouse initial eligibility requirements.

Class Change Policy

Requests for schedule changes after the first day of the semester must meet at least one of the following criteria:

1. The student was erroneously placed in a class.
2. Teacher recommends change (due to student skill level).
3. Student does not meet course prerequisites.
4. A physician precludes student from a course (due to health conditions).
5. Principal discretion (due to master schedule concerns).

Honors Program Placement Guidelines

Placement in ninth grade honors classes is recommended based upon the student's scores on the placement tests in mathematics and English administered during the eighth grade year. Students and parents need to be aware of the expectations of an honors level course; understanding that the curriculum is going to be more rigorous and faster paced than that of a regular level course. Students are expected to consistently do high quality work, meet deadlines, spend extended time outside of class to complete various readings and projects, and meet with the teacher outside of class to get additional support as needed. Placement may be changed due to lack of academic success.

Opportunities for College Credit in High School

The opportunity for students to earn college credit while enrolled in high school is available in multiple forms.

First, Advanced Placement (AP) courses approved through the College Board follow a college level curriculum with which students take a year-end exam. An acceptable passing score on the exam may enable the student to earn placement and college credit for the course. Each college or university determines how that credit will be awarded.

The second opportunity for college credit is through dual enrollment. The Buckeye Union High School District and the Maricopa Community College District have an agreement that allows students to take classes on the high school campus, taught by a qualified high school teacher, in which the students receive a grade and credit for the course on both the high school and community college transcript.

Another opportunity for college credit is through concurrent enrollment. The student, while enrolled in high school, takes approved college coursework through Estrella Mountain Community College on the college campus (may be a satellite campus such as the West-MEC Southwest campus or the Buckeye Educational Center) and receives a grade and credit for the course on both the high school and community college transcript.

West-MEC

Buckeye Union High School District is a member of West-MEC, a career and technical education district, dedicated to providing innovative Career and Technical Education (CTE) programs to prepare students to enter the workforce and pursue continuing education.

All West-MEC programs include an application process and require counselor and parent approval. Tuition and fees may be applied to various programs. Entrance requirements and further information about programs for West-MEC Central Programs can be found at www.west-mec.edu. Students interested in applying for a West-MEC program should see their Guidance Counselor.

Class Rankings/Grade Point Averages

Rank in class is required by colleges and universities on transcripts submitted for entrance evaluation. Class rank shall be determined as follows:

- Class ranking will be determined each semester beginning with the first semester of the ninth grade based on weighted GPA.
- Class rank will be based only on the grades earned in classes that meet or exceed graduation requirements.
- Total grade points begin accumulating with the ninth (9th) grade. Computation of the grade points and class rank will commence as the ninth (9th) grade cohort begins their freshman year. Summer bridge courses, summer immersion courses, non-dual enrollment community college courses, extended day, or high school courses taken during elementary/middle/junior high school will be excluded in the computations. A home period during the senior year may also impact ranking. Fifth year students will be incorporated into the existing senior class rank.
- Approved high school courses taken during elementary/middle/junior high school (i.e., Algebra I) will accrue a high school grade and credit posted on the official high school transcript, but will not be included in the overall class ranking or grade point average as outlined above. Course sequencing deviation could impact class ranking.

Honors points awarded for Honors and Advanced Placement for the purpose of class rank will be calculated for the beginning at the 9th grade as follows:

<u>AP Courses</u>	<u>Honors Courses</u>	<u>Non-Honors Courses</u>
A = 6	A = 5	A = 4
B = 5	B = 4	B = 3
C = 4	C = 3	C = 2
D = 3	D = 2	D = 1
F = 0	F = 0	F = 0

The District reserves the right to address computational revisions to the honor point/class ranking system as issues surface during the course of a given year.

State Testing

High school students in Arizona are required to participate in a variety of academic assessments while in high school. These assessments currently include, but may not be limited to, the following:

AzM2 is Arizona’s statewide achievement tests for academic proficiency. Students enrolled in the 10th grade cohort each year are given an exam in each of the areas: Reading, Writing, and Mathematics.

AIMS Science (Arizona’s Instrument to Measure Standards) is the Science assessment that each student is required to take once during their sophomore year.

ACT is the college admissions assessment all students in the 11th grade cohort take as a measure of college and career readiness.

Civics Test is the test that students beginning with the graduating class of 2017 are required to pass with a score of 60% or better in order to graduate high school. This test is based on the United States Immigration and Naturalization civics questions.

College and University Admissions

Admission requirements to colleges and universities vary greatly. Students should consult the catalog of the college or university they are interested in attending to determine the exact requirements. Catalogs can be accessed directly through the college website in most cases.

Arizona universities have established the following requirements:

Unconditional admission – 3.0 G.P.A. in competency courses or rank in the top 25% of the high school graduating class or have attained an ACT score of 22 or an SAT score of 1120 (reading and math combined).

- A minimum of “C” grades in competency courses required for entrance:

English	4 Credits
Mathematics	4 Credits
Lab Sciences	3 Credits
Social Sciences (including US History)	2 Credits
Foreign Language	2 Credits
Fine Arts or CTE	1 Credit

*Students who do not meet the stated requirements may be admitted under conditions set by the specific university.

It is highly recommended that the ACT and/or SAT examinations be taken during the spring of the junior year. It may be taken again later, if desired. Students will take ACT as part of state testing program during spring of their junior year. Free test prep courses for ACT and SAT are available through the district’s online program. A student may see their Guidance Counselor for more information.

Students and parents are urged to consult with their Guidance Counselor, early and often for admission procedures, progress reports, and updates.

Admission to Community Colleges

There are a number of quality community colleges located in Maricopa County. Courses of study offered at the community colleges enable students to study in a variety of fields that can earn them certificates, associate degrees, and/or prepare them for university transfer. If a student plans to transfer to a university after attending a community college, the student should work with an advisor at the college to ensure all credits are transferable prior to any course selections.

The ACT or SAT examinations are not required for admission into the community colleges. Students may take courses at a community college for high school and/or college credit. If a student plans to do so, they should see their high school guidance counselor before enrolling.

College Athletics

Students who plan to play athletics in college for NCAA D-I or D-II level schools should review requirements at the NCAA Eligibility Center at www.Eligibilitycenter.org. Also, students interested in playing championship sports at NAIA colleges need to register and receive an eligibility determination at <http://www.Playnaia.org>.

Suggested Four-Year College Preparatory Course of Study

Students planning to attend college are urged to consider the following guide when selecting their high school courses. For most colleges, adherence to this four-year plan will allow the student to be competitive in the admission process and to be adequately prepared for the academic rigor. In addition to this suggested four-year plan, grades, class rank, test scores, and the admission application may enter into the admission decision. Students should also be aware that courses taken in high school might also impact the intended major at particular post-secondary institutions. The Guidance Counselor is a good resource in providing further assistance and direction.

The following is a suggested sequence for those planning to attend a four-year college after graduation:

9th Grade

- English IA & IB Honors or English IA & IB
- Algebra I Honors & Geometry Honors or Algebra IA & IB
- Integrated Science Principles Honors or Integrated Science Principles
- Elective(s) based on student's Career Pathway

10th Grade

- English II Honors or English II
- Algebra II Honors & College Prep Algebra or Geometry & Algebra II
- Biology Honors or Biology
- World History & Geography Honors or World History & Geography
- Elective(s) based on student's Career Pathway

11th Grade

- AP Literature & Composition or English III Honors or English III
- Additional Math Courses (depending on student's course sequence)
- Chemistry Honors or Chemistry
- AP US History or United States History
- Future Ready
- Elective(s) based on student's Career Pathway

12th Grade

- English 101/102 Honors or English IV
- Additional Math Courses (depending on student's course sequence)
- Additional Science Courses (depending on student's course sequence)
- American/AZ Government & Economics Honors or American/AZ Government/Economics
- Elective(s) based on student's Career Pathway

**Note: Four year college-bound students will need 2 World Language credits and 1 Fine Art or CTE credit for college entrance. Any subject area courses required beyond the minimum for graduation count as electives for high school, but may count in the college entrance core used for admissions and scholarship decisions*

CAREER & TECHNICAL EDUCATION

Students are motivated to learn through the Career and Technical Education (CTE) instructional delivery system that focuses on relevant classroom and interactive laboratory instruction. Students also participate in personal and leadership development through Career and Technical Student Organizations (CTSOs) for their specific program area. In addition, business and community partners contribute through advisory committees and work-based learning opportunities for CTE students. CTE is for all students, regardless of their plans after high school.

A variety of CTE programs are offered that will help fit the needs of any Career Pathway a student may be interested in whether they plan to attend a university, community college, or technical school, or work immediately after high school.

All programs are career focused where students are preparing for immediate employment and further education in the career field.

ELECTIVE COURSES

SPORTS MEDICINE/HOSA

- Work as part of a team with Certified Athletic Trainers to assist with event and practice setup and injury management
- Use professional equipment and techniques to assist with injury treatment, prevention, and rehabilitation
- Assess an individual's overall fitness, endurance, and nutritional status to develop a personal-improvement plan
- Experience leadership opportunities and competition through HOSA

Career Focus

- Prepared for immediate employment and further education in the healthcare field.
- Industry Certifications— Emergency Medical Responder (EMR), OSHA 10 Medical, CPR/First Aid, Stop the bleed

Sports Medicine I

F, So, J, Sr	1 semester	1	Y
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This introductory course is designed for students interested in the field of sports medicine. Emphasized throughout this course, students will study basic anatomy including the musculoskeletal, nervous, circulatory and respiratory systems. Focus will be placed on the basic concepts of evaluation, treatment and prevention of common sports-related injuries and conditions. The course addresses the history philosophy of athletic training, career opportunities available and the ethics and legal considerations of sports medicine.

Meets CTE Requirement.

Special Requirement: Fee Required

Sports Medicine II

So, J, Sr	1 semester	1	N
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This course is designed to provide an in-depth experience in the field of sports medicine. The focus of this course expands on human anatomy and physiology, injury evaluation and recognition, therapeutic modalities and injury rehabilitation in relationship to athletics. Students will gain hands-on experience through lab activities regarding taping and bracing, special testing of anatomical structures and the organization and administration of an athletic training room and sports medicine program.

Special Requirements: Fee Required.

Prerequisite: Successful completion in Sports Medicine I

Sports Medicine Practicum

So, J, Sr	1 semester	1	N
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This course is designed to provide students with hands on experience in the organization and administration of an athletic training room. This course is 100% hands on learning in the field of sports medicine. Students will be expected to use knowledge and skills from previous courses in this after school internship. Students will work as a team with a Certified Athletic Trainer to assist with event and practice coverage and industry management.

Special Requirements: Fee Required.

Prerequisite: Sports Medicine II and instructor approval.

This course may be repeated for credit with instructor permission.

CTE Internship

Sr	1 semester	1	N
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This is a senior capstone program for all CTE students who completed a CTE program or will complete a CTE program concurrently. The student may use his/her own job, or the student and teacher will work together to find a job or an unpaid internship. The student must meet with the teacher weekly for instruction and to hand in paperwork.

SOCIAL MEDIA BUSINESS /FBLA

- Design and create business projects with the use of Microsoft office software and the internet in the areas of accounting, finance, marketing, and management
- Develop real-world communication, technology, and leadership skills to prepare you for the world of work, no matter what career field you want to pursue
- Experience real-life retail operation by working in our school-based enterprise (School Store)
- Networking with business professionals through FBLA on a local, state, and national level

Career Focus

- Provides a jump-start in careers such as management, accounting, finance, marketing, advertising, product development, and entrepreneurship
- Industry Certification: Microsoft Office Specialist (MOS)

Social Media Business I

Fr, So, J, Sr	1 semester	1	Y
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This course will provide students an overview to all aspects of the business environment. If you have an interest in owning your own business or a career in business, marketing, finance or management this course is for you. Students will learn how to apply technology to business practices such as marketing and finance. Career, entrepreneurship and personal finance units are included. Students will be exposed to working with the most popular forms of social media i.e. Facebook, Twitter, Pinterest, Snap Chat and Instagram and their purpose in the business world.

Special Requirements: Fee Required.
Meets CTE Requirement

Social Media Business II

So, J, Sr	1 semester	1	N
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This course will teach students the strategies, skills and computer applications used to promote success within business organizations. The course will include the following sections: accounting, excel, stocks, human resources, learning to apply problem solving skills and solutions in a business and management environment, and opportunities for students to participate in leadership activities. Students will also have the chance to help operate the student store and prepare for their role in the Business Practicum course. Students will be expected to work in conjunction with teacher, district office, and athletic director to provide positive content for the various social media outlets used to promote and introduce various happenings on campus.

Special Requirements: Fee Required.
Prerequisite: Social Media Business I

Dual enrollment opportunities may be offered through Maricopa Mountain Community Colleges to students that take this course. The student must pay partial tuition and fees for that option.

Social Media Business Practicum

So, J, Sr	1 semester	1	N
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This is a capstone program for all CTE students who completed a CTE program. Students will be working mainly on their work-based learning projects, along with many hands on real-world relevant projects. These students will have a chance to run our school-based enterprise (School Store). Students will be expected to be active participants in District App used for promotion

and publicity of happenings on our campus.

Special Requirements: Fee Required.

Prerequisite: Social Media Business II.

This course may be repeated for credit with instructor permission.

Dual enrollment opportunities may be offered through Maricopa Mountain Community Colleges to students that take this course. The student must pay partial tuition and fees for that option.

CTE Internship

Sr	1 semester	1	N
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This is a senior capstone program for all CTE students who completed a CTE program or will complete a CTE program concurrently. The student may use his/her own job, or the student and teacher will work together to find a job or an unpaid internship. The student must meet with the teacher weekly for instruction and to hand in paperwork.

COMPUTER SCIENCE /FBLA

- Help you understand how computing and technology influence world around you
- Develop digital projects, such as videos and mobile apps to address real world issues
- Learn the fundamentals of object-oriented programming in Java
- Opportunity to enhance employability and earn college credit through AP program
- Experience leadership opportunities and competition through FBLA Media

Career Focus

- Prepared for immediate employment and further education in the Computer Science industry
- Industry Certification - Microsoft Technology Associate or Programmer Level 1 – Java Basics

Computer Science Discoveries

F, So	1 semester	1	Y
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Computer Science Discoveries is an introductory computer science course for 9th - 10th grade students. Mapped to CTSA standards, the course takes a wide lens on computer science by covering topics such as problem solving, programming, physical computing, user centered design, and data, while inspiring students as they build their own websites, apps, animations, games, and physical computing systems.

Meets CTE Requirement

Special Requirements: Fee Required.

AP Computer Science Principles

So, J, Sr	1 semester	1	Y
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This is an introductory Advanced Placement course designed to broaden participation in computer science. This intermediate level course introduces students to the foundations of modern computing. Topics covered include programming, algorithms, the internet, big data, digital privacy and security and the social impacts of computing. Students will apply these topics by creating computer programs and applications.

Meets CTE Requirement

Special Requirements: Fee Required.

Prerequisite: Recommend successful completion of Algebra I and Computer Science Discoveries.

Students may earn college credit through the AP assessments (Multiple choice test, Create Task (computer program) and Explore Task (research paper). There is an additional fee for the exam.

AP Computer Science A

So, J, Sr	1 semester	1	N
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This upper level courses dives deeper into fundamental topics in computer sciences. Successful students will be able to: design, implement and analyze solutions to problems, uses and implement commonly used algorithms, use standard data structures, develop and select appropriate algorithms and data structures to solve new problems, write solutions fluently in an object-oriented environment, and write, run, and debug solutions in the Java programming language.

Special Requirements: Fee Required.

Prerequisite: AP Computer Science Principles

This course may be repeated for credit with instructor permission.

Students may earn college credit the AP assessment in May. There is an additional fee for the exam that the students would have to pay. Additionally, the course may also serve as a Math credit beyond Algebra 2 (pending Governing Board Approval).

Computer Science Practicum

J, Sr	1 semester	1	N
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This is a capstone program for all CTE students who completed a CTE program. Students will be working mainly on their work-based learning projects, along with many hands-on real-world relevant projects. Dual enrollment may be offered to allow the student to get college credit through Maricopa Community colleges.

Special Requirements:

Prerequisite: AP Computer Science A

This course may be repeated for credit with instructor permission.

CTE Internship

Sr	1 semester	1	N
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This is a senior capstone program for all CTE students who completed a CTE program or will complete a CTE program concurrently. The student may use his/her own job, or the student and teacher will work together to find a job or an unpaid internship. The student must meet with the teacher weekly for instruction and to hand in paperwork.

CULINARY ARTS /FCCLA

- Create and design the latest in gourmet cuisine for the ultimate dining experience
- Manage a professional kitchen using advanced culinary and food service industry techniques
- Experience leadership opportunities and competition through FCCLA

Career Focus

- Prepare for immediate employment in the food industry and further education in the culinary field
- Industry Certifications – ServeSafe Food Protection Manager and Food Handler’s Card

Culinary Arts I

F, So, J	1 semester	1	Y
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This course is designed to apply basic food knowledge and skills required for more advanced food preparation. Students will have the opportunity to develop skills in specialized meal planning, preparation, and evaluation of food and flavors. This develops an appreciation of the importance of wellness, nutritional concepts and management. Students will have the opportunity to use technology to explore information on food, food preparation, and careers.

Special Requirements: Lab fee for the semester

Meets CTE Requirement

Proper lab attire is required

Culinary Arts II

So, J, Sr	1 semester	1	N
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This course is designed to prepare students to apply technical knowledge and skills required for food production, services, and hospitality occupations in institutional and commercial food establishments. Students completing this course will possess the technical knowledge and skills required for menu planning, selecting, storing, purchasing, preparing, and serving quality food products. Safety and sanitation procedures, use of commercial equipment, and serving techniques will be included. Students will possess entry-level employability skills for employment in Hospitality Industry. Students will become completers in the program by passing a state technical assessment and receive a certificate from Arizona Department of Education.

Special Requirements: Lab fee per semester is required.

Prerequisite: Food handlers' card is required for this class as well as a prerequisite of C or better from Culinary 1.

Proper lab attire is required

Dual enrollment opportunities may be offered through Maricopa Mountain Community Colleges to students that take this course. The student must pay partial tuition and fees for that option.

Culinary Arts Practicum

So, J, Sr	1 semester	1	N
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This is a capstone program for all CTE students who completed a CTE program. Students will be working mainly on their work-based learning projects, along with many hands-on real-world relevant projects. Dual enrollment may be offered to allow the student to get college credit through Maricopa Community colleges. This course may be repeated for credit with instructor permission.

Special Requirements: Fee Required.

Prerequisite: Successful Completion in Culinary Arts II with a "C" or better. This course may be repeated for credit with instructor permission.

Dual enrollment opportunities may be offered through Maricopa Mountain Community Colleges to students that take this course. The student must pay partial tuition and fees for that option.

Additional Requirements: Students will be required to participate in exciting food and beverage activities like catering events and community service.

CTE Internship

Sr	1 semester	1	N
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This is a senior capstone program for all CTE students who completed a CTE program or will complete a CTE program concurrently. The student may use his/her own job, or the student and teacher will work together to find a job or an unpaid internship. The student must meet with the teacher weekly for instruction and to hand in paperwork.

Special Requirements:

Prerequisite: Successful Completion in Culinary Arts Practicum with a "C" or better. This course may be repeated for credit with instructor permission.

Dual enrollment opportunities may be offered through Maricopa Mountain Community Colleges to students that take this course. The student must pay partial tuition and fees for that option.

ARCHITECTURAL DRAFTING /SkillsUSA

- Use your imagination to create structural designs including custom homes, buildings, and new products
- Operate the same state-of-the-art computer-aided drafting software utilized by professionals in industry today
- Produce and assess layouts and blueprints using the same technology used by architects and engineers
- Experience leadership opportunities and competition through SkillsUSA

Career Focus

- Prepared for immediate employment and further education at technical schools, community colleges, or universities
- Industry Certification – Autodesk AutoCAD certified user or REVIT certified user

Architectural Drafting I

F, So, J, Sr	1 semester	1	Y
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This course is designed as an introduction to the basic skills and competencies required for the field of Drafting and Design. Students will be required to solve technical drawing problems using such programs as AutoCAD and Google Sketch-Up. Subject areas that will be covered are hand sketching, geometric principles, multi-views, floor plans, section views, and elevation views. An introduction to Architectural Drafting, Mechanical Drafting, and 3D Computer Modeling are also included in this course. Competencies for the Career & Technical Student Organization; Skills USA, are integral components of both the core employability skills standards and the technical skills standards. Skills USA activities will be incorporated throughout instructional strategies developed for the course.

Special Requirements: Fee Required.
Meets CTE Requirement Fee required

Architectural Drafting II

So, J, Sr	1 semester	1	N
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This course is a continuation of the Drafting I class with an emphasis on Architectural Design. Students will develop competencies in this area by designing and drawing plans for both residential dwellings and commercial buildings. Students will be required to solve technical drawing problems using CAD programs which include programs such as AutoCAD and Revit. Subject areas that will be covered are architectural design, construction documentation, computer rendering, 3D model making (both physical and computer models). Competencies for the Career & Technical Student Organization; Skills USA, are integral components of both the core employability skills standards and the technical skills standards. Skills USA activities will be incorporated throughout instructional strategies developed for the course.

Special Requirements: Fee Required.

Prerequisite: Successful completion in Architectural Drafting I. This course may be repeated for credit with instructor permission.

Architectural Drafting Practicum

So, J, Sr	1 semester	1	N
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This is a capstone program for all CTE students who completed Drafting I and Drafting II. Students will be working mainly on their work-based learning projects, along with hands on real world relevant projects. Certification option will be accessible the student for the opportunity to earn an industry certification in AutoCAD or REVIT. This course may be repeated for credit with instruction recommendation or permission.

Special Requirements: Fee Required.

Prerequisite: Architectural Drafting II

CTE Internship

Sr	1 semester	1	N
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This is a senior capstone program for all CTE students who completed a CTE program or will complete a CTE program concurrently. The student may use his/her own job, or the student and teacher will work together to find a job or an unpaid internship. The student must meet with the teacher weekly for instruction and to hand in paperwork.

EARLY CHILDHOOD EDUCATION/FCCLA

- Interact with young children and childcare professionals in the COOP Child Care Center
- Design, create, and deliver quality lessons for infant, toddler, and preschool-aged children
- Experience leadership opportunities and competition through FCCLA First Aid and CPR certifications
- Be prepared for the Child Development Associate credential from the National Association for the Education of Young Children and the Council of Professional Development
- Be prepared for immediate employment in an early learning environment and further education in the Early Childhood career pathway

Career Focus

- Prepared for immediate employment and further education in the field of early childhood and elementary education.
- Industry Certification – Paraprofessional Praxis Certification, Arizona Department of Public Safety Fingerprint Clearance Card, Food Handlers Certification

Early Childhood I

F, So, J, Sr	1 semester	1	Y
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The level I class provides students a fundamental overview of the development of children in Early Childhood. Students learn the developmental stages of early childhood through a study of each developmental domain. Students apply learning through hands on projects and real-world application scenarios.

Special Requirements: Fee Required.
Meets CTE Requirement Fee required

Early Childhood II

So, J, Sr	1 semester	1	N
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The level II class consists of application of knowledge from Early Childhood I. Students will use skills to plan observations, activities, and lessons in the COOP Childcare Center. Students will become completers in the program by passing a state technical assessment and receive a certificate from Arizona Department of Education. Dual enrollment may be offered to allow the student to get college credit through Maricopa Community colleges.

Special Requirements: Fee Required.
Prerequisite: Successful completion in Early Childhood I with a “C” or better. This course may be repeated for credit with instructor permission.
Dual enrollment opportunities may be offered through Maricopa Mountain Community Colleges to students that take this course. The student must pay partial tuition and fees for that option.

Early Childhood Practicum

So, J, Sr	1 semester	1	N
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This is a capstone program for Early Childhood students. Students work in correlation with COOP Childcare Center teachers and assistant director. Students are working beside early childcare professionals as a “co-teacher” in the COOP childcare center. This is a hands-on course that requires students to be in direct contact with children, families, and early childhood professionals. This course may be repeated for credit with instructor permission.

Special Requirements: Fee Required.

Prerequisite: Successful completion in Early Childhood II with a “C” or better. This course may be repeated for credit with instructor permission.

Additional Requirements: Students will be required to participate in exciting COOP Childcare Center activities such as family events, school activities, and community service events.

CTE Internship

Sr	1 semester	1	N
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This is a senior capstone program for all CTE students who completed a CTE program or will complete a CTE program concurrently. The student may use his/her own job, or the student and teacher will work together to find a job or an unpaid internship. The student must meet with the teacher weekly for instruction and to hand in paperwork.

GRAPHIC DESIGN /FBLA

- Learn basic design principles and apply them to advertising and marketing projects
- Learn the fundamentals of Adobe Photo Shop, Illustrator, InDesign, and Acrobat
- Design and implement 2-D and 3-D projects using graphic design skills
- Students will learn basic principles of t-shirt printing
- Experience leadership opportunities and competition through FBLA

Career Focus

- Prepared for immediate employment and further education at technical schools, community colleges, or universities
- Industry Certification – PrintED and ADOBE

Graphic Design I

F, So, J, Sr	1 semester	1	Y
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Graphic Design I is a foundation course, which will develop an understanding of the basic design principles, typography, and color theory. Students will learn the fundamentals of Adobe Photoshop, and Adobe Illustrator programs on the computer. They will learn to create real-world projects such as T-shirts, Magazine and Book Covers, Logos, and Posters. This course will emphasize the basic skills of graphic design. FBLA, our Career and Technical Student Organization (CTSO) will be an integral part of this class.

Special Requirements: Fee Required.

Meets CTE Requirement

Graphic Design II

So, J, Sr	1 semester	1	N
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Graphic Design II introduces students to a high level of graphic design as a form of visual communication through the use of advanced typography organization, refinement of elements and principles of design, and color and image manipulation. Introduction to the Adobe InDesign program, advanced Photoshop and Illustrator skills and entry level web design will be taught in level II. Students will also learn to function effectively in real-world design management situations with designs being used for the Riders Ink Print Shop. FBLA, our Career and Technical Student Organization (CTSO) will be an integral part of this class.

Special Requirements: Fee Required.

Prerequisite: Graphic Design I

Graphic Design Practicum

So, J, Sr	1 semester	1	N
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This is a capstone program for all CTE students who completed a CTE program. Students will be working mainly on their work-based learning projects, along with many hands on real-world relevant projects. Dual enrollment may be offered to allow the student to get college credit through Maricopa Community colleges. This course may be repeated for credit with instructor permission.

Special Requirements: Fee Required.

Prerequisite: Graphic Design II

This course may be repeated for credit

CTE Internship

Sr	1 semester	1	N
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This is a senior capstone program for all CTE students who completed a CTE program or will complete a CTE program concurrently. The student may use his/her own job, or the student and teacher will work together to find a job or an unpaid internship. The student must meet with the teacher weekly for instruction and to hand in paperwork.

LAW AND PUBLIC SAFETY /SkillsUSA

- Learn about a variety of careers in law enforcement
- Apply problem-solving skills to a variety of scenarios related to law and public safety
- Incorporate police field work and investigative skills to simulations and scenario-based situations
- Experience leadership opportunities and competition through SkillsUSA

Career Focus

- Prepared for immediate employment and further education in the law and public safety field
- Industry Certification – Arizona Department of Public Safety, Security Guard

Law and Public Safety I

F, So, J, Sr	1 semester	1	Y
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This first-year course is an overview of the history and organization of local, state and federal law enforcement, including the practice and application of law and terminology of law enforcement. This course explains the elements of crime and criminal law, the goals of corrections, constitutional law, and public security. Leadership principles will be learned through a close association with a Career and Technical Skills Organization (CTSO). Dual enrollment will be offered for students to obtain college course credit.

Special Requirements: Fee Required.
Meets CTE Requirement

Law and Public Safety II

So, J, Sr	1 semester	1	N
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This course reviews the application of law and functions of law enforcement for preparation of a career in law enforcement. This second-year course covers practical applications of policing such as ethical responsibilities, use of force, and crime scene security. Students will conduct hands on applications involving necessary equipment for handcuffing, crime scene preservation, vehicle searches and fingerprinting. This course will also offer dual enrollment for credit through Maricopa Community Colleges. Students will become completers in the program by passing a state technical assessment and receive a certificate from Arizona Department of Education.

Special Requirements: Fee Required.
Prerequisite: Law and Public Safety I

Law and Public Safety Practicum

So, J, Sr	1 semester	1	N
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A capstone program for all previous Law and Public Safety students that will apply all previously learned knowledge and skills from the curriculum. Students will learn resume writing, mock interviews and practice law enforcement testing for future career work. Individual Projects that apply course and career knowledge will be an integral part of the course. Dual enrollment will be offered to allow the student to receive college credit and concentrate on future college and career roles.

Special Requirements: Fee Required.
Prerequisite: Law and Public Safety II

CTE Internship

Sr	1 semester	1	N
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This is a senior capstone program for all CTE students who completed a CTE program or will complete a CTE program concurrently. The student may use his/her own job, or the student and teacher will work together to find a job or an unpaid internship. The student must meet with the teacher weekly for instruction and to hand in paperwork.

CARPENTRY /SKILLSUSA

- Design and construct wooden furniture and cabinets
- Operate the same advanced woodworking equipment utilized by professionals
- Troubleshoot, set up, and repair industry-based woodworking machinery
- Experience leadership opportunities and competition through SkillsUSA

Career Focus

- Prepared for immediate employment and further education
- Industry Certification – OSHA 10 Construction

Carpentry I

F, So, J, Sr	1 semester	1	Y
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This course begins with a thorough safety training and shop orientation. Students are introduced to all stationary and handheld power tools as well as many hand tools. Students are presented with basic/introductory woodworking techniques and joinery. Projects are more craft-like but emphasize accurate measurement and minimizing waste. Students use basic finishing techniques. Focus is on transferrable skills that are universal to woodworking/carpentry (measurement, making straight and accurate cuts, making quality joinery, behaving in a safe and professional manner).

Special Requirements: Fee Required.

Meets CTE Requirement

Carpentry II

So, J, Sr	1 semester	1	N
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This course begins with a safety recap. The classroom focus for level II is on work in the skilled trades and closing the “skills gap”. Students are presented to all skilled trades and guided to consider what benefits may be gained from working in the skilled trades. In the shop, students expand on the skills introduced in level I. Students are shown and practice more advanced joinery techniques and begin to learn cabinetmaking skills (drawer construction, panel door

construction, etc.). Once again, skills presented are transferrable and could be used in a variety of trades. Level II students are also offered OSHA 10 Training.

Special Requirements: Fee Required.

Prerequisite: Successful completion in Carpentry I

Carpentry Practicum

So, J, Sr	1 semester	1	N
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Self-guided course of study. Students are tasked with work-based projects. Performance and grading for the course will be determined based on successful completion of assigned “jobs”. Students are working on projects independently and without a lot of direct supervision.

Special Requirements: Fee Required.

Prerequisite: Successful completion in Carpentry II.

This course may be repeated for credit with instructor permission.

CTE Internship

Sr	1 semester	1	N
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This is a senior capstone program for all CTE students who completed a CTE program or will complete a CTE program concurrently. The student may use his/her own job, or the student and teacher will work together to find a job or an unpaid internship. The student must meet with the teacher weekly for instruction and to hand in paperwork.

MEDICAL ASSISTING/HOSA

- Demonstrate basic medical knowledge and communication skills used in the medical field
- Apply standard precautions and safety measures
- Identify the structure and function of body systems
- Perform clinical skills: electrocardiograms, vision testing, audiometry, administer medications, ear lavage, pulse oximetry and spirometry and peak flow testing
- Experience leadership opportunities and competition through HOSA

Career Focus

- Prepared for immediate employment and further education in the medical field
- Industry Certification – Certified Medical Assistant, OSHA 10 Medical, CPR/First Aid, Stop the bleed

Medical Assisting I

So, J	1 semester	1	Y
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The level I class provides students a basic overview of the program area along with the fundamental knowledge of the program. It consists of learning the essentials and applying their knowledge through activities which are hands on projects.

Special Requirements: Fee Required.
Meets CTE Requirement

Medical Assisting II

So, J, Sr	1 semester	1	N
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The level II class mainly consists of hands on real world relevant projects. Students will become completers in the program by passing a state technical assessment and receive a certificate from Arizona Department of Education.

Special Requirements: Fee Required.
Dual enrollment may be offered to allow the student to get college credit through Maricopa Community colleges.

Medical Assisting Practicum

J, Sr	1 semester	1	N
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This is a capstone program for all CTE students who completed a CTE program. Students will be working mainly on their work-based learning projects, along with many hands-on real-world relevant projects.

Special Requirements: Fee Required.
Dual enrollment may be offered to allow the student to get college credit through Maricopa Community colleges. This course may be repeated for credit with instructor permission.

CTE Internship

Sr	1 semester	1	N
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This is a senior capstone program for all CTE students who completed a CTE program or will complete a CTE program concurrently. The student may use his/her own job, or the student and teacher will work together to find a job or an unpaid internship. The student must meet with the teacher weekly for instruction and to hand in paperwork.

FUTURE READY**Future Ready**

J	1 semester	1	N
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Whether students plan to enroll, enlist, or be employed after high school, students need to be intentional in planning for their future. This course will help students develop themselves as Future Ready graduates with the skills to be Leaders, Learners, Connectors, Thinkers, Innovators, and Citizens within their identified pathway. The course will cover life skills that all graduates need including financial literacy, career connected learning, and post-secondary discovery.



OFF CAMPUS CAREER AND TECHNICAL PROGRAMS

Buckeye Union High School District is a member of West-MEC, a career and technical education district.

West-MEC is a public district dedicated to providing innovative Career and Technical Education (CTE) programs to prepare students to enter the workforce and pursue continuing education.

All West-MEC programs include an application process and require counselor and parent approval. Tuition and fees may be applied to various programs. Entrance requirements and further information about programs for West-MEC Central Programs can be found at www.westmec.edu. West-MEC central programs admittance is an application process which begins in October prior to the start year. The West-MEC application is not complete until the student brings the completed application and all related documents to their counselor.

***Transportation will be available to all BUHSD students who are enrolled in a West-MEC morning session at the Southwest Campus, with the exception of Medical Assisting.** If a student is enrolled in any other West-MEC program, they must provide their own transportation.

For more information about West-MEC opportunities, students interested should see their Guidance Counselor or visit www.west-mec.edu.

Program	# of Years	Year 1		Year 2		# HS Credits		Dual Enrollment Credits
		Session 1	Session 2	Session 1	Session 2	Year 1	Year 2	
Electrical Trade Specialty	1	1pm-3:30pm				3	-	-
*General Construction	1	7am-10:30am				5	-	-
Medical Assisting	1	7am-11am				5	-	3
*Environmental Sustainability	1	7am-9:30am	1pm-3:30pm			3	-	-
*Pharmacy Technician	1	7am-9:30am	1pm-3:30pm			3	-	3
*Physical Therapy Technician	1	7am-9:30am	1pm-3:30pm			3	-	-
Hairstyling	2	1pm-3:30pm	4pm-6:30pm	1pm-6:30pm*		3	4	-
Dental Assisting	2	4pm-6:30pm		1pm-3:30pm		3	3	-
*Energy & Industrial Technology	2	7am-9:30am	1pm-3:30pm	7am-9:30am		3	3	24
IT Security	2	4pm-6:30pm		1pm-3:30pm		3	3	26
Medical Assisting	2	4pm-6:30pm		1pm-3:30pm		3	3	3
Veterinary Sciences	2	4pm-6:30pm		1pm-3:30pm		3	3	10
Welding Technology	2	4pm-6:30pm		1pm-3:30pm		3	3	18
*Automotive Technology	2	7am-9:30am	1pm-3:30pm	7am-9:30am		3	3	17

West-MEC Southwest Campus Programs

Electrical Trade Specialty-This one-year program introduces students to the basic elements electrical systems. Students will have the opportunity to analyze construction drawings, perform maintenance on electrical circuits, work with control systems, install lighting, and motors.

***General Construction**-This one-year program prepares students to enter the residential and commercial construction industry. Students will learn estimating, concrete, masonry, framing, dry-wall, basic electrical, basic plumbing, roofing, hand and power tools, rigging and materials handling, along with site safety.

Medical Assisting-This is a one or two-year program prepares students with the necessary clinical and administrative knowledge to become entry-level medical assistants. Students will receive hands-on training and learn how to properly administer injections, take vital signs, record EKGs, implement basic accounting procedures, and understand the fundamentals of patient documentation.

***Environmental Sustainability**-This one-year program prepares students with laboratory and technical knowledge for entry-level water services positions. Students use the engineering process to understand and solve complex problems pertaining to the water cycle, water and wastewater treatment. Applied mathematics, chemistry and microbiology concepts are embedded throughout the program.

***Pharmacy Technician**-This one-year program teaches students the delivery of pharmaceutical services alongside licensed pharmacists in a pharmacy setting. The program teaches medical terminology, pharmacy law, quality customer service, pharmacology, preparing prescription medications, and administrative duties such as inventory of drugs and pharmacy operations.

***Physical Therapy Technician**-This one-year program prepares students with necessary skills and techniques to become a physical therapy technician. Students will receive hands-on instruction in helping patients who are recovering from all types of injuries and illnesses to improve their quality of life. Topics include innovative orthopedic techniques, neurological and pediatric rehabilitation, pain management therapy, rehabilitation equipment staging and treatment area skills, and record treatment.

Hairstyling-This two-year interactive program teaches students the latest techniques in hairstyling, haircutting, and coloring from experienced cosmetology professionals in a state-of-the-art salon setting.

Dental Assisting-This two-year program prepares students to assist medical professionals with dental examinations, sterilize and prepare instruments polish teeth, take and develop X-rays, and take impressions of teeth.

***Energy & Industrial Technology**-This is a two-year program that explores the fields of electricity, electronics, instrumentation & controls, mechanical systems, industrial skills, and power skills. This program is run in close partnership with APS, Palo Verde Nuclear Generating Facility and Estrella Mountain Community College.

IT Security-This two-year program focuses on the foundational principles of securing computer networks and managing risk. Important topics covered are manage networks, ethical hacking defense, troubleshooting Linux OS and mitigating security risks.

Veterinary Sciences-This two-year program will teach students how to deliver medical care to domestic, exotic and large animals, i.e. cats, dogs, reptiles, birds. Students will have the opportunity to assist a certified veterinary technician and/ or veterinarian in surgery, run laboratory tests, obtain animal vitals, and provide daily care and enrichment to the animals up for adoption. This program prepares students to be a vital part of the veterinary team working together to save animals lives.

Welding Technology-This two-year program explores the basic skills used in metalworking, manufacturing and industrial production. Students will learn basic safety techniques, sheet metal work, oxy-fuel cutting, multiple welding processes, plasma cutting, and much more.

***Automotive Technology**-This two-year program, teaches students all aspects of automotive repair and maintenance including engine performance, engine repair, brakes, steering, suspension, and alignment, and electrical systems.

ENGLISH

Graduation Requirement: The District graduation requirement in English is four credits. These must be taken in sequence. In addition, students must participate in the state mandated AzM2 assessment program during their 10th grade year.

Instruction and assessment in required classes is based on the State of Arizona Academic Standards. Placement in 9th grade English courses will be recommended by the following criteria: their score on the district placement test given during their 8th grade year and teacher recommendations.

CORE ACADEMIC COURSES

Read 180

F, So, J, Sr	1 semester	1	N
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This course is required for students who read below grade level or need assistance meeting state or district standards for reading. The course is designed to improve reading comprehension, increase understanding of academic, functional, informational and technical reading with an intense focus on vocabulary study and analysis, sight word recognition, reading fluency, and reading comprehension strategies. Reading, test-taking, and study skills will apply to all content areas and will be administered using the Read 180 computer software and classroom instruction.

Special Requirements: This course will be open to students based on their placement test, standardized test scores, and teacher recommendation

English Language Development ELD

F, So, J, Sr	1 semester	1	N
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This course meets for a one, two, or three period day and will be required for ELL students who score below proficient on the AZELLA. This course will assist students in becoming English proficient in reading, writing, and speaking. As students transition through the ELL program, they will follow established subject area curricula for a specific grade level with modifications. Students will be introduced to outlines of skills and vocabulary necessary to help them participate in the regular classroom in the content areas of math, history, and science in grades 9-12. The course counts as an elective credit toward graduation.

Prerequisites: Limited English proficiency as defined by state-approved oral language and written assessment instruments and district-level assessments and completion of Immersion Level 1

English IA/IB

F	2 semesters	2	Y
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These beginning integrated Language Arts classes are time-expanded courses where students earn **one elective and one English credit towards graduation requirements**. This course will review basic grammar, reading, and writing skills necessary to enter college or the field of work. Students will continue in their development of the writing process and literary analysis to practice pre-writing, revision, and edition. Students will also learn different genres of literature including drama, short stories, and novels.

Special Requirement: 9th grade students will be enrolled in English I based on test scores.

English IA/IB Honors

F	2 semesters	2	Y
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Students will progress at a fast pace, utilizing problem-solving skills to explore various aspects of Language Arts as well as fulfill all English I curriculum requirements. Reading selections for the course will be many and of complex difficulty. Students earn **one elective and one English credit towards graduation**.

Prerequisite: Students must qualify on the English placement exam and have teacher approval.

English IIA/IIB

So	2 semesters	2	Y
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This course is designed to continue the student's progress in multi-paragraph writing. A brief review of mechanics is followed by more in-depth sentence development, technical writing skills, literary critiques, communication skills, and an abbreviated, fact-based research paper. World literature study will include classical and contemporary short stories, poetry, novels, and drama. Students earn **one elective and one English credit towards graduation**.

Prerequisite: English IB

English II Honors

So	1 semester	1	Y
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Students will progress at a faster pace. This course fulfills all other sophomore curriculum requirements as well as extending their academic experiences to elevated levels of reading, academic writing, critical thinking, and literature selections of vast and complex difficulty.

Prerequisite: This course is open to students who have successfully completed English I Honors. Furthermore, it is strongly recommended to have earned a grade of "B" or higher in English I Honors, have a teacher recommendation and complete writing exam.

English III

J	1 semester	1	Y
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This course will maintain the college and work preparation of knowledge and skills acquired in sophomore year while extending the experience to include the production of a significant research paper. Literature study will exclusively cover American authors and will explore various works through the literary ages.

Prerequisite: English IIB or English II Honors

English III Honors

J	1 semester	1	Y
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This accelerated course is designed for highly motivated students. The course has the same regular curriculum requirements as English III but differs in that it goes into greater depths and speeds. During the semester, students are required to read nightly for homework, complete two major novel projects, and write extensively outside of class.

Prerequisite: English II (required) or English II Honors (recommended)

English IV

Sr	1 semester	1	Y
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This course will refine the basic components of effective academic and technical composition. The student will write several essays, which will develop ideas through narration, contrast, cause and effect, review and critique, and persuasion. A research-type project will also be featured. The course will also explore British literature from various origins, eras, and genres including the novel, poetry, a dramatic work, and several short stories, all of which may serve as the basis of written mandatory assignments.

Prerequisite: English III or English III Honors

AP English Literature & Composition

Sr	1 semester	1	Y
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An AP course in Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the way writers use language to provide both meaning and pleasure for their readers. As they read, students consider the work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. This course will be an extension of the skills learned in English II Honors. The curriculum will follow a College Board approved AP curriculum. Students may elect to take the AP testing

option (college credit) for this course and will be given specifics regarding testing dates and cost as the school year progresses.

Prerequisite: Strongly recommend student earned grade of “B” or higher in Junior English and Teacher Recommendation

Special Requirements: This course makes a student eligible to take the AP exam in the subject offered by the College Board. There is a fee to take the exam. Some reading materials may also need to be purchased by the student as well.

English 101/102 Honors

Sr	1 semester	1	Y
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This dual enrollment course is offered with Estrella Mountain Community College. The course is open to 12th grade students who qualify for admittance into EMCC. A certified college instructor will teach the class. To receive both college and high school credit, students will demonstrate mastery of the college level competencies reflecting the goals and objectives established by the Maricopa Community College Instructional Council for English. The class will be offered on-campus as part of the regular school day. It is also open to any qualified EMCC student with the appropriate tuition payment.

Special Requirement: Students are responsible for purchasing required textbooks. Dual enrollment, through the Maricopa Community College District, may be offered to students who take this course. The student must pay tuition and fees for that option.

ENGLISH ELECTIVE COURSE

Creative Writing

So, J, Sr	1 semester	1	N
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Creative Writing is a semester-long English elective that builds on the skills acquired in previous English classes. Students will use those skills to explore their creative voice by composing short stories, plays, poems, creative non-fiction, and many other genres. The class will be a workshop setting where students are expected to share works with fellow students, submit work for publication, and keep a portfolio of revised pieces.

*This course will only be offered every other year during school years beginning with even-numbered years.

Film as Literature

So, J, Sr	1 semester	1	N
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Students will approach film as literature through the study of cinematic techniques that present the work as readable material. All movies will be based upon published novels, short stories, or plays. Various film genres (from silent black and white films to modern films) will be covered, and critical thinking, analysis, and writing will be emphasized. Weekly quizzes and projects will assess students' understanding of the film and its cinematic elements. ***Some topics dealt with in this course are of a mature content level; however, no rated R films are shown.**

*This course will only be offered every other year during school years beginning with odd-numbered years.

Journalism**Journalism I**

So, J, Sr	1 semester	1	N
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This course emphasizes the skills and knowledge required to produce major scholastic and media productions such as a newspaper and yearbook. This elective is only available to upperclassmen as students will contribute to the production of the school's annual yearbook and quarterly newspaper. Students will conduct interviews, take photographs, write in a variety of journalistic forms, discuss editorial positions, and help produce and edit both forms of media using provided online publishing. Business management skills, essential to the self-sufficiency of the publication, will be emphasized. Students may also have opportunities to explore a variety of journalistic fields, such as writing for The Youngker Legend, capturing school events through photography, and chronicling the year utilizing the techniques of videography.

Special Requirements: class fee.

Journalism II

So, J, Sr	1 semester	1	N
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This course emphasizes the skills and knowledge required to produce major scholastic and media productions such as a newspaper and yearbook. This elective is only available to upperclassmen as students will contribute to the production of the school's annual yearbook and quarterly newspaper. Students will conduct interviews, take photographs, write in a variety of journalistic forms, discuss editorial positions, and help produce and edit both forms of media using provided online publishing. Business management skills, essential to the self-sufficiency of the publication, will be emphasized. Students may also have opportunities to explore a variety of journalistic fields, such as writing for The Youngker Legend, capturing school events through photography, and chronicling the year utilizing the techniques of videography.

Prerequisite: Successful completion of Journalism I.
 Special Requirements: class fee.

Journalism III

J, Sr	1 semester	1	N
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This course emphasizes the skills and knowledge required to produce major scholastic and media productions such as a newspaper and yearbook. This elective is only available to upperclassmen as students will contribute to the production of the school's annual yearbook and quarterly newspaper. Students will conduct interviews, take photographs, write in a variety of journalistic forms, discuss editorial positions, and help produce and edit both forms of media using provided online publishing. Business management skills, essential to the self-sufficiency of the publication, will be emphasized. Students may also have opportunities to explore a variety of journalistic fields, such as writing for The Youngker Legend, capturing school events through photography, and chronicling the year utilizing the techniques of videography.

Prerequisite: Successful completion of Journalism II.
 Special Requirements: class fee. This course may be repeated for credit with instructor permission.

FINE & PERFORMING ARTS

Graduation Requirement: Fine or Performing Arts courses may be used to satisfy the District and State graduation requirement of one credit in Career & Technical or Fine or Performing Arts.

The Fine and Performing Arts Department seeks to provide experiences through which students can develop skills related to career opportunities and the rewarding use of leisure time, as well as the development of habits important to individual responsibility and group endeavors. Classes enhance one's quality of life, as each is designed to develop student creativity and uniqueness. Students are encouraged to perform, to exhibit, and to celebrate the excitement of life in a positive manner.

ARTS

ELECTIVE COURSES

Art I

F, So, J, Sr	1 semester	1	Y
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Beginning Art is an introductory course in the area of 2-D including instruction in the Elements and Principles of Design, perspective, and portraiture. Also included is an overview of the development of drawing with relation to the brain, creating a composition with balance, movement and emphasis and also establishing a focal point. Media used include pencil, pen and ink, tempera paint, oil pastels, watercolors and linoleum.

Special Requirements: Fee Required.

Art II

F, So, J, Sr	1 semester	1	Y
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This course includes the study of Art and its relation to the business world. Projects will include Graphic Design, Interior Design, Illustration, and Fashion Design. Students will be introduced to the History of Art and to famous artists and will be required to complete reports and projects relating to the subject material.

Prerequisite: Successful completion of Art I

Special Requirement: Fee Required.

Art III

So, J, Sr	1 semester	1	Y
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This is an advanced level course that will be emphasizing the development of a sketchbook and working towards creating a professional portfolio. In addition, we will explore dimensional

works of art. Sculptural art has the added dimension of depth in space. This concept will expand the student's knowledge base with how dimensional art works in conjunction with 2-dimensional elements and principles. This course is designed to develop higher level thinking, art criticism, art history, and aesthetics.

Prerequisite: Successful completion of Art II

Special Requirement: Fee Required.

This course may be repeated for credit.

Portfolio Development Art

So, J, Sr	1 semester	1	Y
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Portfolio Development is a production and participation-oriented class intended for students who wish to expand their fine art portfolio with the possible intention of pursuing a Visual Arts related career (i.e. Fine Arts, Illustration, Graphic Design, Computer Animation, etc.).

Students will be completing a minimum of 6 high quality works of art that demonstrate their technical, expressive, and creative skills; participate in Art-related community and campus projects; develop a resume; and exhibit their work.

Prerequisites: Successful completion of Art III

Special Requirements: Fee Required.

This course may be repeated for credit.

Ceramics I

F, So, J, Sr	1 semester	1	Y
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Students will learn 3 dimensional arts. They will learn to work with clay, hand-building and on the potter's wheel. Students will learn about glazing and firing of green ware. They will also learn sculpting techniques.

Special Requirement: Fee Required.

Ceramics II

F, So, J, Sr	1 semester	1	Y
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This course provides the students the opportunity to expand beyond the basic components of Ceramics I, and polish and refine their artistic skills.

Special Requirement: Fee Required.

Prerequisite: Successful completion of Ceramics I

Portfolio Development Ceramics

So, J, Sr	1 semester	1	Y
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Portfolio Development is a production and participation-oriented class intended for students who wish to expand their fine art portfolio with the possible intention of pursuing a Visual Arts related career (i.e. Fine Arts, Illustration, Graphic Design, Computer Animation, etc.). Students will be completing a minimum of 6 high quality works of art that demonstrate their technical, expressive, and creative skills; participate in Art-related community and campus projects; develop a resume; and exhibit their work.

Special Requirement: Fee Required.

Prerequisite: Successful completion of Ceramics II

This course may be repeated for credit.

PERFORMING ARTS**ELECTIVE COURSES****Dance I**

F, So, J, Sr	1 semester	1	Y
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This course is an introduction into modern, ballet, jazz, contemporary, choreography and performance. The emphasis of this course is on history, terminology, technique, and movement sequences. The elements are assessed through skill tests, written tests, choreography assignments and the final concert. Students are required to participate in the final concert at the end of the semester. Time outside of the regular school day will be required for this course. Students will be required to dress out each day. No previous dance experience is needed

Special Requirement: Fee Required.

Appropriate shoes and proper dance attire, which follow school dress-code, are needed.

This course may be repeated for credit.

Dance II

F, So, J, Sr	1 semester	1	Y
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Further training in ballet, jazz, modern, hip hop, lyrical, choreography, and performance are taught. Intermediate movement sequences, turns, leaps, and jumps are emphasized, as well as continued improvement on alignment, technique, terminology, and conditioning. Students are required to participate in a dance concert each semester that requires time outside of the school day. Students are required to dress out every day.

Special Requirement: Fee Required

Prerequisite: Completion of Dance I

Appropriate shoes and proper dance attire, which follow school dress-code, are needed
This course may be repeated for credit.

Dance III

So, J, Sr	1 semester	1	Y
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This course will further the training in modern, ballet, jazz, contemporary, choreography and performance. The continued emphasis of this course is to build upon history, terminology, technique and more advanced movement sequences. These elements are assessed through skill tests, written tests, choreography assignments and the final concert. Students are required to participate in the final concert at the end of the semester. Time outside of the school day will be required for this concert. Students will be required to dress out every day.

Special requirements: Fee required

Prerequisite: Completion of Dance II

Appropriate shoes and proper dance attire, which follow school dress-code, are needed

Performance Dance

So, J, Sr	1 semester	1	Y
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This is the highest-level dance course. The majority of this course will focus on more intense performance skills, technique and choreography. This course will have multiple performances that will require time outside of school. Students are required to dress out every day.

Prerequisite: Placement Audition

Special requirements: Fee required, and other special fees may be required throughout the year.

This course may be repeated for credit.

Appropriate shoes and proper dance attire, which follow school dress-code, are needed.

Choir

F, So, J, Sr	2 semesters	2	Y
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This class is a study of music through good choral literature. Since it is a performing group, a strong desire and commitment to performance is required. All choir members will be exposed to various styles of vocal music allowing each member the opportunity to achieve a higher level of musical understanding and performance. A show choir and jazz choir will be integrated into the program. This course is recommended to be taken as a 1st and 2nd semester course.

Special Requirements: Fee Required. Students may be required to purchase special attire (i.e. shoes, socks, pants, dresses, etc.) for use during performances.

Participation in after school activities and festivals is required. This course is a recommended 1st and 2nd semester class. This course may be repeated for credit

Marching Band

F, So, J, Sr	1 semester	1	Y
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The marching band performs at home football games and marching festivals across the state. Each band member is guided through the execution of his/her music and choreography on the football field. This course also includes an end-of-semester concert component.

Prerequisite: Placement Audition

Special Requirements: Fee Required Participation in activities during the school day and outside of the school day will be required (this may include competitions). Students will be required to provide their own instrument (A small number of instruments are available for rental from the school.) Students may be required to purchase special attire (i.e. shoes, socks, pants, dresses, etc.) for use during performances. Concert Band is a recommended course to follow for 2nd semester. This course may be repeated for credit. **The expectation is that student will enroll in Concert Band Semester 2.**

Concert Band

F, So, J, Sr	1 semester	1	Y
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Concert band concentrates on the study of fine musical literature through performance. The concert band member is exposed to all types and varieties of literature designed to allow the student to achieve a greater degree of musical understanding and performance. This course may also include a jazz band component.

Prerequisite: Marching Band

Special Requirements: Fee Required. Participation in school events, after school activities, and festivals is required. Must provide own instrument (rentals *may* be available). Students may be required to purchase special attire (i.e. shoes, socks, pants, dresses, etc.) for use during performances.

This course may be repeated for credit

String Orchestra

F, So, J, Sr	1 semester	1	Y
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String Orchestra is an auditioned performing group that uses traditional string instrumentation (violin, viola, cello, and double bass). Students perform quality string repertoire throughout the school year ranging in a variety of genres and stylistic periods. Orchestra provides students opportunities to achieve comprehensive musicianship through performance through technical skill development and musical interpretation. Along with band and choir, the Arizona State Standards provides strands and performance objectives for orchestra, which is the third major performance area in secondary music.

Prerequisite: Placement Audition

Special Requirements: Fee Required

Special Requirements: This course is a recommended 1st and 2nd semester class. Participation in school events, after school activities, and festivals is required. Must provide own instrument (rentals *may* be available). Students may be required to purchase special attire (i.e. shoes, socks, pants, dresses, etc.) for use during performances.

This course may be repeated for credit

THEATRE

ELECTIVE COURSES

Intro to Theatre

F, So, J, Sr	1 semester	1	Y
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This course gives the students an introduction, or overview of the major aspects of the theatre, as well as an introduction to theatre history. They will be introduced to performance techniques in relaxation, voice and diction, and movement. They will learn about and become familiar with roles of a theatrical production and will have be able to complete projects in some areas of technical theatre. Students will learn and perform two to three monologues and partner scenes. Daily warmups and games are also a strong facet of this course.

Special requirement: Fee required. Participation in/work on one school production is required

Acting I

F, So, J, Sr	1 semester	1	Y
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This course concentrates on teaching basic acting skills including voice, movement, improvisation, methodology, audition, performance, and rehearsal techniques. Students will develop and refine two audition monologues and a selection of partner, group, and whole class assignments. This course includes a lab component that will be completed in production work, after-school and in-class projects.

Special requirement: Fee required

Acting II

F, So, J, Sr	1 semester	1	N
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Students in this course are entering the early stages of mastery of high school level acting and beginning to prepare for collegiate theatre. The focus and core of this class is concentrated on classical dramatic literature: Shakespeare, Marlowe, Jonson, and Greek masters like Aristophanes, Aristotle, and Sophocles. Students will also choose a theatre production specialty in either directing or playwriting and complete a project in that area. Enrollment in this class requires a performance in a BUHS event, such as the talent show or Theatre showcase.

Prerequisites: Intro to Theatre/Acting I
 Special Requirements: Fee required

Technical Theater

F, So, Jr, Sr	1 semester	1	N
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The level I class provides students a basic overview of the program area along with the fundamental knowledge of the program. It consists of learning the essentials and applying their knowledge through activities which are hands-on projects.

Prerequisites: Fee Required.

Directing

J, Sr	1 semester	1	N
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This course introduces students to the skills and practices used in directing theatrical works. Students who take this course should be interested enough in the theatre to make a solid time commitment and should be self-motivated enough to be able to follow through on projects. Students will learn about the art and components of theatrical directing and will gain considerable hands-on practice through the selection of plays and scenes, through casting a production, and through the rehearsal process and performances. Directing students will be placed into a section of advanced acting where they will work with those students as performers in their scenes/productions. This course includes a lab component that will be completed in production work on after-school and in-class plays.

Prerequisites: Advanced Acting or Placement Audition

Special requirement: Fee Required. This course will require some outside time commitment.

Senior Theatre Studio

Sr	1 semester	1	N
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This is a special course for seniors who have participated in the YHS theatre program. Students will design and complete a single semester long or two nine-week theatre projects to further develop their skills. This is a self-paced course that will be overseen and maintained by the instructor but will be in large part designed by the student. Students must be self-motivated and dedicated to the theatre to be successful in this program.

Prerequisites: Placement Audition Special Requirement: Fee Required.

MATHEMATICS

Graduation Requirement: The District graduation requirement is four credits of Mathematics; one of which must have Algebra II as a prerequisite. In addition, students must participate in the state mandated AzM2 assessment program during their 10th grade year. The six math standards (Number Sense; Data Analysis and Probability; Patterns, Algebra and Functions; Geometry; Measurement and Discrete Mathematics; and Mathematical Structure and Logic) are incorporated.

Placement in 9th grade Math courses will be recommended by the following criteria: their score on the district placement test given during their 8th grade year and teacher recommendations.

CORE ACADEMIC COURSES

Introduction to Algebra A & Introduction to Algebra B

F	2 semesters	2	Y
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These are the beginning classes for student not yet ready to complete a fast-paced year of Algebra. One aspect of the in-depth study will include the use of technology while reinforcing basic algebraic skills. Topics studied in this course will include: fractions, order of operations, integers and rational numbers, variables and expressions, properties of real numbers, absolute value, solving linear equations, graphing linear functions, writing equations, solving and graphing linear inequalities and solving systems of equations. **Students will earn 2 elective credits.**

Placement in this class is based on the student's score on the district placement test.

Algebra IA & Algebra IB

F, So	2 semesters	2	Y
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These classes are recommended for those students who have a complete command of basic skills with integers and rational numbers, have successfully completed a pre-algebra course, and/or attained the required score on the district placement test. Topics will include: properties of real numbers, variables, linear equations, quadratic equations, coordinate graphing, systems of equations, polynomial and rational expressions. Many of the topics covered will include an emphasis on their application to real world situations. Students will earn **one elective and one Math credit towards graduation.**

Prerequisite: Placement in this class is based on the student's score on the district math placement test

Algebra IA Honors & Algebra IB Honors

F	2 semesters	2	Y
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A two-semester course that will cover Algebra topics in greater depth with an increased emphasis on logic and understanding, as well as increasing the student's ability to solve real-world situations using mathematical methods to explore, model, and describe patterns, relationships and functions. Concept units include linear equations, exponential functions and quadratic equations.

Students will earn **one elective and one Math credit towards graduation**.

Prerequisite: Placement is based on the student's score on the district placement test.

Geometry A & Geometry B

So, J	2 semesters	2	Y
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A year-long course with the purpose of increasing the student's ability to solve real-world situations using mathematics methods to explore, model, and describe pattern, relationships and functions involving numbers, shapes, and data. Concept units include coordinate geometry, perpendicular and parallel lines, logical reasoning, properties of triangles and quadrilaterals, transformations, quadratic relations, right triangle trigonometry, similar and congruent figures, two and three dimensional figures, circles and data analysis.

Students will **earn one elective credit and one Math credit towards graduation requirement**.

Prerequisite: Successful completion of Algebra 1B

Algebra II Honors

F, So, J	1 semester	1	Y
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This course studies the material of the Algebra II course with greater rigor and with an emphasis on multiple computations and real-world application problems. Students will attain a higher level of understanding through the completion of projects, presentations, utilization of word problem solving strategies, comprehension of the practical applications of learned skills, and an increased focus on algebraic computations involving fractions and decimals. Successful completion of this course will prepare the student for enrollment in Honors College Algebra/Trigonometry.

Prerequisite: Successful completion of Algebra 1A/1B Honors & Geometry B or Geometry Honors.

Geometry Honors

F, So, J	1 semester	1	Y
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A semester course that will cover Geometry topics in greater depth with an increased emphasis on logic and understanding, as well as increasing the student's ability to solve real-world situations using mathematics methods to explore, model, and describe pattern, relationships and functions involving numbers, shapes, and data. Concept units include coordinate geometry, perpendicular and parallel lines, logical reasoning, properties of triangles and quadrilaterals, transformations, quadratic relations, right triangle trigonometry, similar and congruent figures, two- and three-dimensional figures, circles and data analysis.

Students will earn one Math credit towards graduation requirement.

Prerequisite: Successful completion of Algebra 1A/1B Honors.

Special enrollment for incoming freshman: This course is available to students who pass the Algebra 1A/1B challenge test or successfully complete Algebra 1A/1B with an "A" and have permission from the instructor.

Algebra II A & Algebra II B

J, Sr	2 semesters	2	Y
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Upon completion of this course the student will be fully prepared for the next course in the Math sequence, to include probability, quadratic functions and their graphs, polynomial functions and their graphs, radical functions and their graphs, rational functions and their graphs, exponential and logarithmic functions, arithmetic/geometric sequences and series, normal distribution, trigonometric ratios and their graphs.

Students will earn one elective and one Math credit towards graduation.

Prerequisite: Successful completion of Algebra 1B & Geometry B.

Introduction to Statistics

Jr, Sr	1 semester	1	Y
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This course provides an introduction to statistics and probability that will prepare students for a college-level statistics course and life in a world filled with data. Major topics include: analyzing distributions of univariate data; analyzing relationships with bivariate data; collecting data using sampling and experimentation; probability and random variables; sampling distributions; and confidence intervals and significance tests for means and proportions from one or two samples. Additional topics may include chi-square tests and inference for the slope of a least-squares regression line. Use of technology, including online applets and graphing calculator, will be prominent in the course.

Prerequisite: Algebra II

College Prep Algebra

So, J, Sr	1 semester	1	Y
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This course is a combination of mathematical concepts comprising of linear, quadratic, matrices, polynomial, rational, square root & cube root, exponential, logarithmic, trigonometric functions, absolute value equations, and inequalities with/without the use of technology; domain, range, graphs, and basic transformations of linear, quadratic, square root & cube root, exponential, logarithmic, trigonometric, and absolute value functions with/without technology; operations on rational expressions, radical expressions, and complex numbers; rational exponents; inverse functions; function notations; application and modeling with/with technology. Students will also be assessed on their understanding and use of a graphing utility/Desmos.

Prerequisites: Algebra II B

College Algebra Honors

So, J, Sr	1 semester	1	Y
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Analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions; systems of equations, using multiple methods including matrices, modeling and solving real world problems, and defining and illustrating sequences and series. A graphing calculator (TI-83, TI-84) is recommended.

Prerequisites: Algebra IIA and Algebra IIB with teacher and department chair approval.

Special Requirements: Dual enrollment credit, through the Maricopa Community College District, may be offered to students who take this course. The student must pay tuition and fees for that option.

College Trigonometry Honors

So, J, Sr	1 semester	1	Y
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A study of measures of angles, properties of graphs of trigonometric functions, fundamental identities, addition and half-angle formulas, inverse trigonometric functions, solutions of trigonometric equations, complex numbers and properties of triangle solution. A graphing calculator (TI-83, TI-84) is recommended.

Prerequisite: College Algebra Honors

Special Requirements: Dual enrollment credit, through the Maricopa Community College District, may be offered to students who take this course. The student must pay tuition and fees for that option

AP Calculus IA & AP Calculus IB

J, Sr	2 semesters	2	Y
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The topics of study are limits, derivatives, integrals, and the fundamental theorem of calculus, analytical reading, and problem solving. A graphing calculator (TI-83, TI-84, and TI-89) is recommended. Students earn **one elective and one Math credit towards graduation**.

Prerequisites: College Algebra Honors and College Trigonometry Honors

Special Requirements: This course makes a student eligible to take the AP exam in the subject offered by the College Board. There is a fee to take the exam. Dual enrollment credit, through the Maricopa Community College District, may be offered to students who take this course. The student must pay tuition and fees for that option

AP Statistics

J, Sr	1 semester	1	Y
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Statistics focuses on critical thinking and communication skills with respect to the topics of exploring data (describing patterns and changes in patterns, sampling and experimentation (conducting a study/experiment), anticipating patterns (probability of events), and statistical inference (estimating and testing statistical claims). A graphing calculator (TI -84 or similar) is highly recommended.

Prerequisites: Algebra II Honors or a higher-level Math course.

Dual enrollment credit, through the Maricopa Community College District, may be offered to students who take this course. Students are also expected to take the AP Statistics exam offered by the College Board. There are fees for both AP Exam and the Maricopa Community College credit.

Math Lab 1-8

F, S, J, Sr	1 semester	1	Y
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This is a math interventions class and placement will be determined by the administration, teacher, and the counselor.

PHYSICAL EDUCATION

Graduation Requirement: The District graduation requirement is one credit. All courses offered in the Physical Education Department meet this requirement.

Physical Education Uniforms: The physical education uniform recommended in all courses consists of dark shorts or sweats, a white/gray t-shirt, socks, and **white sole athletic shoes**.

CORE ACADEMIC COURSES

Sports & Fitness

F, S, J, Sr	1 semester	1	Y
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This course is designed to provide information related to the need for healthy lifestyles and the student's contribution to their own well-being. Students will have the opportunity to study fitness and wellness as they participate in different types of exercise protocols and assessments and learn about the benefits of physical activity.

Special Requirement: Fee Required Locker fee per semester

Special Requirements: Shorts or sweats, T-shirt, athletic/running shoes and socks are to be worn at all times. This course may be repeated for credit if the student received a grade of "C" or better in the course. If the student received a grade of "D" or below, the student must obtain instructor approval in order to repeat the course

ELECTIVE COURSES

Lifetime Sports

J, Sr	1 semester	1	N
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Lifetime Sports is an instructional and active participation course designed for students with a continuing interest in physical education, wellness and lifetime sports. It is to provide an enrichment and appreciation for team, individual sports as well as lifetime activities. The students will participate in a variety of activities that may include: badminton, basketball, flag football, floor hockey, softball, volleyball, tennis, indoor games, ultimate Frisbee, pickle ball, and archery. There will be several field trips to participate in lifetime activities which may be: bowling, golf, and hiking, skiing, rock climbing, fishing, swimming, and ice skating. This class will offer training in the areas of skills, strategy, rules and sport officiating. Student assessment will be on participation, skill improvement and quizzes at the end of each unit. This course may be repeated for credit.

Prerequisite: Sports & Fitness

Special Requirements: Field trip fees will be required for off campus activities. (The trip fees will depend on the admission cost and miles to the event). Average Cost \$110.00-150.00

Weight Training

F, So, J, Sr	1 semester	1	N
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This course is designed for students interested in total body fitness. The students will develop an understanding of the principles and theories of weight training as they relate to the human body. Emphasis will be placed on weight training, nutrition and overall health, speed and agility training, plyometric exercises, and flexibility, resistance training, proper lifting techniques, use of equipment and safety. Students will be instructed on the proper technique of lifting and spotting. Students will be tested on the major muscle groups, exercises that target these groups, and weight training terminology.

Prerequisite: Intro Weight Training or comparable Weight Training Class

Special Requirement: Fee Required

Athletic Performance

F, So, J, Sr	1 semester	1	Y
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This course is designed for athletes and concentrates on core strength, fitness, agility, and overall performance. Students will receive performance training for his/her individual and team athletic events. The class will include the following aspects: dynamic warm-up, flexibility, core activation, speed and agility, power development, total body strengthening, knee stability, nutrition, and injury prevention. It is NOT recommended that a student enroll in Athletic Performance and Weigh Training in the same semester.

Special Requirement: Fee Required

Special Requirements: Students are allowed to take this course if the student plans to or is participating in BUHSD athletics and must have the athletic coach and course instructor's approval. This course may be repeated for credit if the student received a "C" or better in the course. If the student received a "D" or below, the student must obtain instructor approval in order to repeat the course. Lock fee per semester

SCIENCE

Graduation Requirement: The District graduation requirement is three credits of science, including Biology. In addition, students must participate in the state-mandated AIMS test, which is given either the freshman or sophomore year, preferably in the year the student takes Biology.

State universities require a minimum of three years of high school laboratory science, one year each from biology, chemistry, or physics. An integrated science class (such as Integrated Science Principles or Forensics) may be substituted for one required course. All courses in the Science Department are considered lab sciences. Buckeye Union High School District recommends that college-bound students take four science credits.

Regardless of specific content, the goal of all science courses is to develop the skills necessary to be successful in a future surrounded by science and technology. This includes the ability to engage in scientific inquiry, collect and analyze data, use models and representations, evaluate evidence, and connect scientific knowledge across multiple fields.

CORE ACADEMIC COURSES

Integrated Science Principles

F	1 semester	1	Y
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Integrated Science Principles involves the concepts central to the sciences and prepares these students for success in other science courses. Students will be required to critically research and analyze current science topics and apply their knowledge to various components within this discipline. This class includes content from chemistry, earth science, space science, meteorology, and the scientific method.

Integrated Science Principles Honors

F	1 semester	1	Y
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Integrated Science Principles Honors involves the concepts central to the sciences and prepares these students for success in other science courses. Students will be required to critically research and analyze current science topics and apply their knowledge to various components within this discipline. This class includes content from chemistry, earth science, space science, meteorology, and the scientific method. This accelerated course is designed for highly self-motivated students who consistently perform above grade level expectations. This course is similar to Integrated Science Principles in the concepts that will be covered, but material will be addressed in greater depth and breadth and may involve independent research. The student can expect the class to move at a faster pace than standard ISP and require greater effort outside the classroom.

Biology

So	1 semester	1	Y
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This course involves the study of living things. This course is designed to encourage a scientific viewpoint in the student and provide a background in essential biological concepts. The focus is on major life processes, and unifying principles and concepts applicable to all living things. The major concepts include ecology, biochemistry, cells, genetics, and biological evolution.

Biology Honors

So	1 semester	1	Y
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This accelerated course is designed for highly self-motivated students who consistently perform above grade level expectations. This course is similar to Biology in the concepts that will be covered, but material will be addressed in greater depth and breadth and may involve independent research. The student can expect the class to move at a faster pace than standard Biology and require greater effort outside the classroom.

Anatomy and Physiology

J, Sr	1 semester	1	Y
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The Anatomy and Physiology course will be taught with an emphasis in the allied health fields. Students will learn the structure and function of the human body while being introduced to anatomical terminology, names of major body areas, and brief overviews of each organ system from simple to increasingly complex levels. Students will need basic laboratory skills for Anatomy and Physiology for dissections related to course content. An interactive CD-ROM will be included with the textbook.

Prerequisite: It is strongly recommended that students earn a “B” or better in Biology and have a recommendation from their Biology teacher

Anatomy and Physiology Honors

J, Sr	1 semester	1	Y
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Anatomy and Physiology Honors is an in-depth course with topics that include a detailed orientation to the body, anatomical terminology, and the structure and function of all major organ systems. Material moves at an advanced pace so students should be highly self-motivated and prepared to spend a significant amount of time preparing outside of class. This course will be beneficial to those interested in careers in a medical field or in biology.

**Some topics dealt with in this course are of mature content level.*

Prerequisite: Biology (required) or Biology Honors (recommended)

Applied Science

J, Sr	1 semester	1	Y
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Applied Science is a junior/senior course for students who plan on a vocational career. The emphasis of the course is on applying the principles of scientific investigation and reasoning to a variety of real-world topics. At the conclusion of the course, students should be able to identify how science impacts their own lives, analyze information available to them, and utilize principles of the scientific method to make decisions based on this information.

Prerequisite: Biology

Chemistry

J, Sr	1 semester	1	Y
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This is a laboratory course involving the study of measurement and problem solving, chemical names and formulas, energy transfer in a chemical system, atomic structure, chemical reactions, quantum mechanics, nuclear chemistry, periodic trend, chemical bonding, and chemical quantities. This is a college preparatory course, which uses mathematics frequently and meets the lab science requirements of college entrance. A scientific calculator is recommended.

Prerequisite: Algebra IB

College Chemistry Honors

J, Sr	1 semester	1	Y
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College Chemistry is a Science elective that allows students to enroll in dual credit through Maricopa Community College. This class is designed as a first semester college chemistry class and covers the first half of the AP Chemistry content in accordance with College Board requirements. This course covers the concepts of atomic theory, chemical bonding and compounds, balanced equations, reactions in solutions, acids and bases, as well as quantitative analysis. In order to succeed in this class, students will be required to complete extensive out-of-class work. This is a college level course, which uses mathematics frequently and meets the lab science requirement of college entrance. Each student will need a scientific calculator.

Prerequisite: Algebra IB

Special Requirements: Dual enrollment credit, through the Maricopa Community College District, may be offered to students who take this course. The student must pay tuition and fees for that option.

Forensics

J, Sr	1 semester	1	Y
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Forensics incorporates all of the major fields of scientific study. Course topics will include the study of biological evidence, including blood, DNA, hair, and manner of death, as well as the study of physical evidence, such as ballistics, glass, fibers, and textiles. A heavy emphasis will be placed on observational skills and the scientific method.

Prerequisite: Biology

AP Chemistry

J, Sr	1 semester	1	Y
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AP Chemistry is designed to be the equivalent of the general chemistry course usually taken during the first year of college. Students should attain a depth of understanding of fundamentals and reasonable competence in dealing with chemical problems. This course differs from College Chemistry in respect to the textbook used, topics covered, emphasis on chemical calculations, and kind of lab work done by students. Topics include atomic theory, chemical bonding, states of matter, and types of reactions, stoichiometry, equilibrium, kinetics, and thermodynamics.

Prerequisite: College Chemistry Honors and Algebra II

Special Requirements: This course makes a student eligible to take the AP exam in the subject offered by the College Board. There is a fee to take the exam

AP Biology

J, Sr	1 semester	1	Y
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Advanced Placement Biology is a course designed for students that have a strong interest in, or desire to pursue a career in the sciences. As this course is designed to be equivalent to the first two semesters of college Biology, it differs significantly from the first high school course in Biology with respect to the kind of textbook used, the range and depth of content covered, the kind of laboratory work done by students, and the amount of time and effort required. The course will culminate in the taking of the Advanced Placement Biology Examination.

Prerequisites: Biology (required) or Biology Honors (recommended). Chemistry Honors also strongly recommended.

Special Requirements: This course makes a student eligible to take the AP exam in the subject offered by the College Board. There is a fee to take the exam.

Physics Honors

J, Sr	1 semester	1	Y
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This accelerated course is designed for highly self-motivated students who consistently perform above grade level expectations. Physics principles are explored through modeling instructional practices and reinforced through a quantitative approach (problem solving). Topics include one-and-two-dimensional motion with a study of the relationships among distance, time, velocity, acceleration, and force; work, power, and energy. Laboratory experiments correspond to the topic currently being studied. This course covers the concepts of mechanics with great depth and breadth. The students can expect advanced lab exercises and rigorous treatment of mathematics. A scientific calculator (TI-30) is recommended.

Prerequisite: Algebra II

Wildlife Management and Usage

So, J, Sr	1 semester	1	Y
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Wildlife Management is designed to give students an awareness of the methods and concerns related to the proper management of wildlife. Units include the history of wildlife management, endangered species, population analysis and sampling techniques, GPS and GIS, ecology and habitat analysis, and careers in wildlife management and related fields. It will also include the topics of balancing the recreational, economic, and preservation aspects of wildlife management.

Special Requirements: Fee Required

Prerequisite: Biology or Biology Honors

SOCIAL STUDIES

Graduation Requirement: The District graduation requirement is one credit each of World History/Geography, U.S. History, and American Government/Economics.

CORE ACADEMIC COURSES

World History/Geography

So	1 semester	1	Y
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World history is a challenging 18-week course designed as an interactive exploration of the history of the world. We will identify, debate, and challenge past issues and events from regions around the world. We will attempt to understand our role and how we as humans have shaped the course of world events. This course will cover topics including, but not limited to: Geography, Ancient Civilizations, The Middle Ages, The Age of Industry, The Age of Revolution and the Modern World. Students will connect these eras with themes, patterns and issues that are still relevant in our own world today.

World History/Geography Honors

So	1 semester	1	Y
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In addition to the topics from World History/Geography, this accelerated course is designed for highly self-motivated students who consistently perform above grade level expectations. The student will be expected to engage in in-depth comparative studies of world regions, investigate world problems and their relationship to geography. Students will also examine the development of human culture, with emphasis on historical inquiry and analysis.

Prerequisite: Strongly recommended to pass English I with a grade of “C” or higher

U.S. History

J	1 semester	1	Y
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The aim of this course is to develop an appreciation of the social, cultural, political, and economic heritage of our nation and Arizona. Emphasis will be placed upon the modern era coupled with appropriate comparisons to earlier historical periods. This course will cover topics including, but not limited to: foundations and formation of America, westward expansion, industrial revolution, America’s role in major world conflicts, and current issues relevant to today. Geography of the United States and Arizona will be discussed throughout various events and time periods.

Prerequisite: World History/Geography

AP United States History

J	1 semester	1	Y
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Advanced Placement United States History is a college-level introductory course that examines the nation's political, diplomatic, intellectual, cultural, social, and economic history from approximately 1490 to the present. An emphasis is placed on interpreting primary and secondary sources, mastering a significant body of factual information, thinking critically about historical topics, and writing critical essays. In addition to these topics, the course emphasizes a series of key themes that have been determined by the College Board as essential to a comprehensive study of United States History. This is a rigorous course that requires extensive outside reading and writing. This course meets the United States History requirement for graduation; however, students who take this course are eligible to take the Advanced Placement exam offered by the College Board. There is a fee to take the exam.

Prerequisite: Strongly recommend grade of "B" or higher in World History Honors and teacher recommendation

Special Requirements: This course makes a student eligible to take the AP exam in the subject offered by the College Board. There is a fee to take the exam

American Government / Economics

Sr	1 semester	1	Y
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This is a required semester course for 12th grade students. It is a general study of the Constitution of the United States, including the essentials, sources and history of the government under our constitution. Emphasis is put on the three main branches of government. Other areas of study include: the electoral process, special interest groups, political parties, foreign policy and national defense, civil rights, and Arizona Government. Included in this course is a study of our economic system and how it relates with our U.S. Government. Emphasis will be put on comparative political systems, comparative economic systems, and how our economic system works in our daily lives.

Prerequisite: U.S. History

AP U. S. Government & Politics

Sr	1 semester	1	Y
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In this AP course students will study Constitutional underpinnings, civil liberties and civil rights, political culture and socialization, citizen participation and influence, political institutions and policymaking that are the foundation of modern U.S. government and politics. Students will interpret classical and contemporary political writings and apply pertinent Supreme Court rulings to enduring social and political issues in this country. This course fulfills the U.S. Government requirement for graduation.

Prerequisite: Successful completion of Advance Placement U.S. History course with a grade of “B” or better, and teacher recommendation

Special Requirement: Taking the AP exam is strongly encouraged. There is a fee to take the exam

AP Macroeconomics

Sr	1 semester	1	Y
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The AP course in macroeconomics is an introductory college-level course that focuses on the principles of economics that apply to an economic system as a whole, placing particular emphasis on the study of national income and price-level determination. This course will develop students’ familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. This course fulfills the Economics requirement for graduation.

Prerequisite: Successful completion of Advance Placement U.S. History course with a grade of “B” or better, and teacher recommendation

Special Requirement: Taking the AP exam is strongly encouraged. There is a fee to take the exam

SOCIAL STUDIES ELECTIVE COURSES

Psychology

J, Sr	1 semester	1	Y
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This is an introductory high school psychology course. Students will learn about the basic fundamentals of psychology. This class will be a firm foundation for further studies of psychology in various post-secondary educational settings. Students will learn about human behavior and mental processes as well as factors that affect these processes. Students will learn valuable lessons about their self, body, mind, environment, mental health, and their life.

**Some topics dealt with in this course are of a mature content level.*

Student Leadership

F, So, J, Sr	1 semester	1	Y
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This course will allow students to analyze and to develop leadership skills of resource management, organization, oral and written communication, team building, leading school/community activities, service projects, and student government functions. Their performance will be continuously evaluated and monitored by the instructor.

Prerequisite: This course is only open for those who are – 1. Student Body Officers 2. Class Officers 3. Club presidents

Exceptional Education Services

Students eligible for Exceptional Education Service (EES) programs have access to all of the courses offered in the regular education curriculum. Courses designed to meet the unique needs of EES students have also been developed and are provided for those students who require them. Students receiving EES services complete a course of study that meets graduation requirements as prescribed in their Individual Education Plans. Each plan is evaluated and reviewed annually by the student's multi-disciplinary team.

The goal of the special education program is to help students become independent learners, promote new learning strategies, and assist the students in adapting to new environments, as well as preparing them for transition from high school to post-secondary opportunities. This will be accomplished through collaboration between student, parent, and school.

WORLD LANGUAGE

Important note: For admission to universities, completion of at least two years of a single world language is highly recommended and may be required.

Initial Placement Recommendation Based on Essential Question “Can you have a conversation in Spanish?”	
No	Yes
Spanish I	Heritage Spanish
Spanish II	Advanced Placement Spanish
Spanish III Honors	
Advanced Placement Spanish	

ELECTIVE COURSES

Spanish I

F, So, J, Sr	1 semester	1	Y
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This first-year course introduces students to basic vocabulary and concepts of the Spanish language. The emphasis will be on comprehension of the language through reading and listening to stories, short videos, novels and authentic music. Focus will include oral and written communication in Spanish. **This class is not designed for native Spanish speakers.**

Spanish II

F, So, J, Sr	1 semester	1	Y
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This second-year course will provide further experience in speaking, reading, writing and understanding of Spanish. Students will continue reading and listening to stories, short videos, novels and authentic music as well as learn about the history and culture of Spanish-speaking people. **This class is not designed for native Spanish speakers.**

Prerequisite: Spanish I or equivalent, or by special permission of the teacher and counselor.

Heritage Spanish

F, So, J, Sr	1 semester	1	Y
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This course is designed for native Spanish speakers. Course content will emphasize increasing student literacy in Spanish through the use of academic vocabulary, the study of grammar, and extensive reading and writing in Spanish. In addition, cultural aspects of the people and countries where Spanish is spoken are explored through a variety of activities including videos, music, and enrichment activities. This course content will prepare students for the Advanced Placement Spanish course.

Spanish III Honors

So, J, Sr	1 semester	1	Y
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This third-year course will emphasize the speaking and understanding of Spanish. Students will create presentations and read novels in Spanish. Students will review the grammar of first- and second-year Spanish and receive additional instruction in more advanced Spanish grammar. **This class is not designed for native Spanish speakers.**

Prerequisite: Spanish II or equivalent, or by recommendation of the teacher and counselor.

AP Spanish IV

So, J, Sr	1 semester	1	Y
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This Advanced Placement Spanish course will emphasize the reading and understanding of Spanish. Class activities will include oral presentations and written essays based on the literature read in class. Literature will be a sample of the various genres, time periods, and regions of the Spanish-speaking world. Key grammar concepts from previous Spanish courses will be reviewed and emphasized.

Prerequisite: A "C" or better in Spanish III Honors or Heritage Spanish, or by recommendation of the teacher and counselor.

ASSISTANTSHIPS

Important note: Seniors will only be scheduled for one assistantship per semester.

Instructional Assistant

J, Sr	1 semester	1	N
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Under the direction of the classroom teacher, instructional assistants work with struggling students on an individual or small group basis to assist them in understanding concepts, clarifying and solving problems, and working on study skills. It is imperative that instructional assistants have a strong attendance record as students and teachers rely on their support. They will assist the lead teacher with curriculum, instruction, review, assessments, learning strategies, and other course related material. Students with great teaching ability, confidence, respect, and dedication are prime candidates for this class.

Prerequisite: Teacher recommendation and application. Students also must have completed all CCRI requirements. Applications will be analyzed by Counselors.

Library Assistant

Sr	1 semester	1	N
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This course is designed to be an occupational interest class with all students assisting in the routine tasks of the library. It would be of particular value to students who plan to continue their education since the experience gained could train them for the world of work.

Prerequisites: Librarian approval, minimum of 2.0 GPA, good citizenship and excellent attendance. Students also must have completed all CCRI requirements. Applications will be analyzed by Counselors.

Office Assistant

Sr	1 semester	1	N
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Credit will be given for students who act as office/guidance assistants. All such positions must have outlined goals and objectives, which must be on file in the Principal's office. Participating students should normally be advanced students who can put their knowledge and training to work.

Prerequisites: Principal and Counselor recommendation, minimum of 2.0 GPA, good citizenship and excellent attendance. Students also must have completed all CCRI requirements. Applications will be analyzed by Counselors.

Teacher Assistant

Sr	1 semester	1	N
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This is designed to be an occupational interest class with all students assisting in the routine tasks of a teacher. It is of particular value to the student who is considering a career as a teacher. The student will receive Pass/Fail grade only.

Prerequisite: Teacher recommendation. Students also must have completed all CCRI requirements. Applications will be analyzed by Counselors.

Home

Sr	1 semester	0	N
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Seniors who have sufficient credits for graduation and parent permission may have one (1) period free. This is a non-credit option.

Prerequisite: Students must have completed all other graduation requirements. Students also must have completed all CCRI requirements. Applications will be analyzed by Counselors.